



CURRICULUM VITAE (CV)-2017

Name-Lastname:	H. Ümit SAYIN
Nationality:	Turkish Republic
Languages:	English (Fluent, very good), German (intermediate)
E-mail:	humitsayin@gmail.com humitsayin@yahoo.com
Date of Birth-Place:	1961 MUGLA (Halikarnossos)
Personal Web site:	www.drumitsayin.com
H-Index Factor:	14
Personal Impact Factor:	43 (citations per article-totally around 1000 citations)
	Last Updated on January 2017

DEGREES AND POSTDOCTORAL EDUCATION

DEGREE	YEAR	INSTITUTION
Medical Doctor	1986	İstanbul University İstanbul (Çapa) Medical Faculty
Specialist of Pharmacology (Ph.D.)	1993	Cerrahpaşa Medical Faculty-İstanbul University
Postdoctoral Education (Neuroscience)	1994-1996	Department of Neurology, University of Wisconsin-Madison, Wisconsin-USA
Assistant Professor	2001	İstanbul University
Associate Professor	2004	İstanbul University

EDUCATION AND THE INSTITUTIONS WORKED IN

2001-2017:	İstanbul University Institute of Forensic Sciences. Worked as a faculty.
2016:	Invited and accepted as a faculty at the Institute of Advanced Study of Human Sexuality (IASHS) San Fransisco/USA
2004-2015:	İstanbul University Institute of Forensic Sciences. Worked as associate professor.
2004:	Associate professor after an extensive exam on Basic and Clinical Pharmacology. Received his Associate Professor tenure position.
2001-2002:	Worked at Dept. Neurology (University of Wisconsin-Madison) while assigned as an Assitant Professor at İstanbul University Institute of Forensic Sciences.
2001-2004:	Worked as an Assitant Professor at İstanbul University Institute of Forensic Sciences.
1996-2002:	Worked as a scientist, researcher and faculty at the Dept. of Neurology, University of Wisconsin-Madison, U.S.A.
1994-1996:	Postdoctoral Education and Research at Dept. of Neurology, University of Wisconsin-Madison, U.S.A.
1992-1994:	Worked at DETAM (Experimental Medical Research Institute, İstanbul University, Çapa) as a postdoctoral fellow and researcher.
1993:	Received his “Specialist of Pharmacology” (Ph.D.) degree at Cerrahpaşa Medical Faculty, İstanbul University.
1992:	Worked at Experimental Psychology Department (Oxford University-United Kingdom) as a postdoctoral fellow on Electrophysiology (April 1992-August 1992).
1992:	Worked at Medicinal Chemistry Department, Pharmacy Faculty (Groningen University) as a postdoctoral fellow on Microdialysis Technique and Neuropharmacology (August 1992- October 1992)
1989-1990:	Worked at the Dept. of Physiological Psychology (Experimental

	Psychology), Memorial University of Newfoundland, Canada as a postdoctoral fellow. Was included in the Neuroscience Ph.D. programme and attended doctoral courses on Neuroscience. Also Worked as a postdoctoral follow, research assistant and teaching assistant.
1988-1989:	Worked at the Medical Department of Dincel Laboratories Drug Company as an instructor and medical advisor. Gave pharmacology education.
1987-1991:	Completed the compulsory education for pharmacology degree at the Dept. of Pharmacology, Cerrahpaşa Medical Faculty, İstanbul University.
1986:	Received the medical doctor degree.
1979-1986:	Medical Education at İstanbul Medical Faculty of İstanbul University (Çapa)
1972-1979:	Graduate of a grammar and private high school, where entire education was in English.

ACADEMIC AND RESEARCH EXPERIENCE

2015-2017	Organized and sponsored the International Anatolian Twin Congress on Sexual Health & Neuroscience on 1-3 May, 2015, at Kozyatağı-Hilton Hotel, Kadıköy-İstanbul. www.twincongress2015.com Along with the Congress, started to sponsor, govern, organize and publish a novel, quarterly Journal on Sexual Health and Neuroscience: SexuS Journal: www.sexusjournal.com
2010-2014:	Did research on female sexuality and orgasm. Investigated ESR (Expanded Sexual Response) Made different national and international surveys on female sexuality. His survey "İstanbul Report" on the sexuality of Turkish women is still continuing.
2002-2010:	Worked on psychoactive substances and plants, psychopharmacology, experimental epilepsy, behavioral sciences, physiological effects of hallucinogens and psychoactive plants, female sexuality. Made some theoretical studies on perception, perception management, mind control, behavior modifications.
1997-2002:	Worked as an independent scientist on experimental epilepsy; long term effects of febrile convulsions; effects of neonatal epilepsy on adulthood; synaptic plasticity induced by opiates in hippocampus; animal models of epilepsy, such as kindling, kainic acid,

	<p>pilocarpine, pentetrazol, febrile seizures etc.; cellular mechanisms of epilepsy and learning; behavioral models and tests such as water maze, elevated plus maze, radial arm maze etc.; neuropharmacology, psychopharmacology; effects of metabotropic glutamate receptors on epilepsy; electrophysiology, such as cellular electrophysiology, current clamp, voltage clamp, patch clamp; electrophysiological effects of anti-epileptic drugs (such as vigabatrin, alprazolam, phenytoin, gabapentin, propophol etc.) and psychoactive drugs; paired pulse technique to measure cellular GABAergic inhibition; long term potentiation (LTP); behavioral and electrophysiological mechanisms of ictal discharges, learning and LTP; various ictal slice models (CA3); metabotropic glutamate and NMDA receptors.</p>
1994-1997:	<p>Worked with Prof. Dr. Rutecki and Prof. Dr. Sutula on experimental models of epilepsy (kindling, kainic acid, PTZ and pilocarpine models); cellular mechanisms of epilepsy; extracellular paired pulse recordings at CA1, CA3 and Dentate areas of hippocampus; intracellular and extracellular (<i>in vivo</i> and <i>in vitro</i>) recordings in hippocampus (voltage and current clamp techniques in CA3 pyramidal and dentate granule cells <i>in vitro</i>); behavioral models in animals; epilepsy models in animals; LTP and learning at the Dept. of Neurology, University of Wisconsin, Madison.</p>
1992:	<p>Worked with Prof. Dr. Ben Westerink on the microdialysis technique at the Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Groningen/Netherlands. Worked on glutamatergic, dopaminergic and GABAergic changes in substantia nigra and striatum during seizures (PTZ etc.) and under the effects of some antiepileptic drugs (Vigabatrin-GVG, gabapentin etc.).</p>
1992:	<p>Worked with Dr. Jane Mellanby at the Dept. of Experimental Psychology, Oxford/England on tetanus toxin model of epilepsy; GAD activity in epilepsy; paired pulse inhibition, extracellular recordings <i>in vivo</i>.</p>
1992-1994	<p>Worked at DETAM (Experimental Research Institute of Istanbul University) on experimental epilepsy; animal models of behavior and psychology; morphine physical dependence, heroin addiction; worked with Prof. Hikmet Koyuncuoğlu on the physiological and psycho-pharmacological basis of opiate dependence and addiction.</p>
1990-1993:	<p>At the Department of Pharmacology, İstanbul Medical Faculty worked with Prof. Hikmet Koyuncuoğlu on the treatment opiate, morphine and heroin physiological dependence and addiction.</p>
1989-1990:	<p>Worked with Prof. Robert Adamec on the kindling model of epilepsy in rats and cats; the effects of CFR (corticotropin releasing factor) on behavior, depression and anxiety at the Dept. of Psychology, University of Newfoundland, St. John's, Canada.</p>

1987-1989:	Worked on the kindling model in rodents and cats; experimental epilepsy; neuro-psycho-pharmacology at the Dept. of Pharmacology, Cerrahpaşa Medical Faculty.
1985-1986:	Worked on the clinical psychiatry with Prof. Tuncer Özkan at the Dept. of Psychiatry, İstanbul Medical Faculty.

THE TOPICS AND SPECIFIC AREAS WORKED ON DURING THE SCIENTIFIC AND ACADEMIC HISTORY

- Psychoactive plants.
- Physiological and psychological effects of psychoactive drugs.
- Female sexual response and ESR. Neurophysiology and neuropharmacology of female orgasm.
- Altered States of Consciousness (ASC).
- Oxytocin and sexual endocrinology.
- Sexual function disorders such as anorgasmia, vaginismus, dyspareunia, erectile dysfunction, premature ejaculation.
- Long term neurophysiological effects of neonatal seizures and febrile convulsions on adult epilepsy and synaptic plasticity.
- Toxicology.
- Effects of opiates on synaptic plasticity in hippocampus.
- Extracellular field potential recordings *in vitro* and *in vivo*; paired pulse recordings to assess GABAergic inhibition or excitation/inhibition balance [extracellular and intracellular]; intracellular recordings and voltage clamp in *in vitro* (CA1, dentate gyrus and CA3, hippocampal slices).
- Pilocarpine model of epilepsy, paired pulse technique in hippocampal slices *in vitro* and *in vivo*. *In vitro* electrophysiology studies in the hippocampal slices of rats undergone status epilepticus.
- Kainic acid model of epilepsy, electrophysiological studies in the hippocampal slices of kainic acid treated rats and biocytin injection.
- Metabotropic glutamate receptors and epileptogenesis.
- LTP (Long term potentiation).
- Kindling model of epilepsy.
- Behavioral models in animals. Water maze, radial arm maze, T-Maze, Elevated Plus Maze.
- Kindling model and its effects on behavior.
- Chemical kindling.
- Epilepsy models by pentetrazol, picrotoxin, bicuculline, pilocarpine (and others) and investigating the effects of antiepileptics in these models.
- Morphine and opiate physical dependence.
- Effects of opiate dependence on epileptic threshold.
- Anxiety and models of anxiety in animals; behavioral psychopharmacology.
- Alzheimer model.
- Effects of GABAergic system in epilepsy and behavior.
- Effects of CRF (corticotropin releasing factor) on anxiety and HPA axis.
- Estimation of certain neurotransmitters in the brain by microdialysis.
- Roles of NMDA receptors on behavior, morphine dependence, epilepsy and learning.

- Investigation of GABAergic inhibition in hippocampus (dentate) by paired pulse technique *in vivo*.
- Epilepsy model by tetanus toxin and its effects on hippocampal neuropharmacology and electrophysiology.

INTERNATIONAL FELLOWSHIPS:

1992: Postdoctoral short term fellowship from TUBITAK.

1994: Postdoctoral short term fellowships from TUBITAK

GRANTS:

2000: Awarded an independent research grant by American Epilepsy Foundation-AEF (Junior Investigator Research Grant) entitled as "*Febrile Convulsions, Developmental Plasticity and Epileptogenesis*", \$ 40 000 /year.

1999: Co-investigator in a Veterans Merit grant (P.I. Paul Rutecki) entitled as: "*Metabotropic Glutamate Receptors and Hippocampal Epileptiform Activity*"

1999: Co-Investigator in NINDS grant (P.I. Tom Sutula) entitled as: "*Hippocampal Plasticity and Epilepsy*".

PROJECTS WORKED ON:

1)1992-1994: At DETAM worked on the projects related with experimental epilepsy, opiate physiological dependence, and anxiety models of animals using local Istanbul University and DETAM funds.

2)1992: With Dr. Jane Mellanby worked on '*experimental epilepsy and GAD activity on tetanus toxin models*' using Oxford University and Experimental Psychology funds.

3)1992: With Prof. Ben Westerink worked on '*neuropharmacology of GABA during seizures*' using Groningen University Funds.

4)1995-1998: With Prof. Thomas P. Sutula, worked on mechanisms of epilepsy-National Institute of Neurological Disorders and Stroke, NS-25020 using NIH funds (as a co-investigator).

5)1999-2001: With Prof. Thomas P. Sutula, worked on '*Hippocampal Plasticity and Epilepsy*', National Institute of Neurological Disorders and Stroke, RO1-25020, using NIH funds (as a co-Investigator).

6)1999-2001: With Prof. Paul Rutecki, worked on '*Glutamate Receptors and Hippocampal Epileptiform Activity*' National Institute of Neurological Disorders and Stroke, RO1-25020 using Defense Department funds (as a co-investigator).

7) 2000-2001: As an independent researcher worked on his Junior Investigator Research Grant (*Febrile Convulsions, Developmental Plasticity and Epileptogenesis*) using funds of American Epilepsy Foundation.

8) 2002-2004: With Prof. Sevil Atasoy, worked on '*United Nations Global Assessment on Drug*

Abuse National Project' (GAP-AD/TUR 02/602/102) for a national survey on the assessment of drug abuse in Turkey.

9) 2009-2013: National survey on female sexual behavior (İstanbul Report).

10) 2010-2013: National and global surveys on expanded sexual response (ESR) on female sexual behavior.

11) 2012-2013: National Survey on Female Sexual Behavior-İstanbul Report

COMPUTER EXPERIENCE:

Used all the programs in Microsoft Office (Word, Powerpoint, Publisher, Excell, Frontpage etc.); Adobe Photoshop; Adobe Illustrator; Freehand; AutoCAT; Sonic Foundry; Movie Maker, Adobe Premier Pro 1.5 Movie program, Edius movie program; Adobe Flash; Adobe in Design; Adobe After Effects; Adobe Fireworks; Adobe Dreamweaver web design program; Picassa etc.

PERSONAL WEB SITES:

www.drumitsayin.com

www.sexusjournal.com ve www.sexusjournal.org

www.ciseated.org

Other Web Sites He Made:

www.twincongress2015.com

www.sexologycongress2014.com

www.biricikmaket.com

www.evefestival.org

www.cinselegitim.org

www.tantraakademi.com

www.expandedorgasms.net

REFEREE IN THE JOURNALS:

REFEREE OF PEER-REVIEWED JOURNALS

"Epilepsy Research",

"Life Sciences",

"Brain Research",

"Epilepsia",

"Pharmacology, Biochemistry and Behaviour",

"Behavioral Brain Research",

"Neuroscience",

'Journal of Neurological Sciences'

Referee and Section Editor in NeuroQuantology Journal and Associate Editor

Editor-in-Chief and founder of SexuS Journal

Editorial Board Member in:

SexuS Journal

Neuroquantology Journal

Austin Neurology

SMJNN (SM Journal of Neurology and Neuroscience)

Revista Científica Arbitrada de la Fundacion MenteClara

CITATIONS:

His papers have been cited in the journals with an impact factor ranging from 1.1 to 8. Until Decemberr 2015, there were around 1000 citations. His work has been cited in 48 books.

CONDUCTED THESIS AS AN ADVISOR:

PINAR ÇETİNKAYA	<p>SEXUAL PROFILE OF UNIVERSITY GRADUATE TURKISH WOMEN</p> <p>(YÜKSEK ÖĞRENİM GÖRMÜŞ KADINLARIN CİNSEL PROFİLİ) İSTANBUL ÜNİVERSİTESİ, SOSYAL BİLİMLER ENSTİTÜSÜ, KADIN ÇALIŞMALARI ANABİLİM DALI, YÜKSEK LİSANS TEZİ, 2006</p>
BARIŞ MUTLU	<p>PSYCHOACTIVE DRUG AND HALLUCINOGEN TRADE MADE THROUGH THE INTERNET</p> <p>(İNTERNET ÜZERİNDEN YAPILMAKTA OLAN UYUŞTURUCU, UYARICI VE HALÜSİNOJEN TİCARETİ) İSTANBUL ÜNİVERSİTESİ, ADLİ TIP ENSTİTÜSÜ, SOSYAL BİLİMLER ANABİLİM DALI, YÜKSEK LİSANS TEZİ, 2005</p>
SİBEL BOLLE	<p>EFFECTS OF SALVINORIN-A ON THE ANIMAL MODELS</p> <p>SALVINORİN-A İSİMLİ MADDENİN HAYVAN DAVRANIŞ MODELLERİNDEKİ ETKİSİNİN ARAŞTIRILMASI İSTANBUL ÜNİVERSİTESİ, ADLİ TIP ENSTİTÜSÜ, SOSYAL BİLİMLER ANABİLİM DALI, YÜKSEK LİSANS TEZİ, 2005</p>
ZAFER YENER	<p>THE EVALUATION OF GLOBAL TRADE OF PSYCHOACTIVE PLANTS, OPIATES AND STIMULANTS IN TERMS OF NATIONAL SECURITY IN TURKEY</p> <p>KÜRESEL UYUŞTURUCU VE UYARICI MADDE KAÇAKÇILIĞININ ULUSAL GÜVENLİK VE TERÖRİZM AÇISINDAN DEĞERLENDİRİLMESİ.T.C. KARA HARP OKULU, SAVUNMA BİLİMLERİ ENSTİTÜSÜ, GÜVENLİK BİLİMLERİ ANABİLİM DALI, 2006</p> <p>THE EVALUATION OF CHEMICAL AND NEUROCHEMICAL</p>

CANER KARAHAN	WEAPON TECHNOLOGY IN TERMS OF NATIONAL SECURITY IN TURKEY KİMYASAL VE NÖROKİMYASAL SİLAH TEKNOLOJİSİNİN ULUSAL GÜVENLİK AÇISINDAN DEĞERLENDİRİLMESİ T.C. KARA HARP OKULU, SAVUNMA BİLİMLERİ ENSTİTÜSÜ, GÜVENLİK BİLİMLERİ ANABİLİM DALI, 2006
LEVENT ÇETİNKAYA	THE ACTIVITIES OF PROTESTANT MISSIONARIES AND THEIR TASK PROFILE AFTER 1990 AND ITS EVALUATION IN TERMS OF NATIONAL SECURITY (İSTANBUL SAMPLE) TÜRKİYE'DE PROTESTAN MİSYONERLİK FAALİYETLERİNİN 1990 SONRASI DÖNEMDE GÖREV PROFİLİ VE ULUSAL GÜVENLİK AÇISINDAN DEĞERLENDİRİLMESİ (İSTANBUL ÖRNEĞİ) T.C. KARA HARP OKULU, SAVUNMA BİLİMLERİ ENSTİTÜSÜ, GÜVENLİK BİLİMLERİ ANABİLİM DALI, 2005

THE GRADUATE COURSES HE HAS TAUGHT:

YEAR	NAME OF THE COURSE	Teoretical	Students
2002-2003	Forensic Neuroscience	3h/week	14
2003-2004	Forensic Psychopharmacology	3h/week	9
2003-2004	Internet Crimes	Total 9 h	8
2004-2005	Sexual Physiology and Sexual Function Disorders	2h/week	4
2004-2005	Forensic Psychopharmacology	3h/week	4
2005-2006	Pharmacology of Psychoactive Substances	2h/week	2
2006-2007	Pharmacology of Psychoactive Substances	3h/week	5
2008-2014	Forensic Psychopharmacology	3h/week	Various
2004-2016	Physiology of Human Sexuality and Basics of Sex Therapy	Various	Various
2016-2017	Forensic Psychopharmacology Paraphilia and Sexual Disorders	3h/week 3h/week	5 Various

SCIENTIFIC MEETINGS ATTENDED:

1990	International Psychopharmacology Meeting, Bodrum, October (Ekim) 1990.
1990	10 th National Pharmacology Meeting, Bursa, September(Eylül)1990.
1991	7. International Medical Sciences Students Congress, DETAM, Istanbul, May (Mayıs), 1991.
1991	Istanbul University 11 th Medical Meeting, Istanbul, September (Eylül),1991.

- 1992** 8. International Medical Sciences Student Congress, DETAM, Istanbul, May (Mayıs), 1992.
- 1995** International Epilepsy (AES) Meeting, Baltimore, December(Aralık-December), 1995.
- 1996** International Society for Neuroscience Meeting , Washington, D.C. November(Kasım), 1996.
- 1996** International Epilepsy (AES) Meeting, San Fransisco, ABD, December(Aralık-December), 1996.
- 1997** International Society for Neuroscience Meeting, New Orleans, October(Ekim), 1997.
- 1997** International Epilepsy (AES) Meeting, Boston, December (Aralık-December), 1997.
- 1998** International Society for Neuroscience Meeting, Los Angeles, November (Kasım),1998.
- 1998** International Epilepsy (AES) Meeting, San Diego, December (Aralık-December), 1998.
- 1999** American Neurological Association Meeting,Seattle, October (Ekim), 1999.
- 2000** International Society for Neuroscience Meeting, New Orleans, November (Kasım), 2000.
- 2000** International Epilepsy (AES) Meeting, Los Angeles, December(Aralık-December), 2000.
- 2001** International Epilepsy (AES) Meeting, San Fransisco, December(Aralık-December), 2001.
- 2002** International Epilepsy (AES) Meeting, Los Angeles, December (Aralık-December), 2002.
- 2003** International 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, September (Eylül) 2003.
- 2003** International Epilepsy (AES) Meeting, Boston, December (Aralık-December) 2003.
- 2005** International American Epilepsy Society and American Clinical Neurophysiology Society Joint Annual Meeting, Washington, D.C. 2005.
- 2006** International 31st, FEBS Congress, 24-26 June, İstanbul, Türkiye, 2006.
- 2011** International33rd NACS (Nordic Association for Clinical Sexology) Conference, Oslo,Norway, October 13-16, 2011.
- 2012** 38th International Annual Meeting of IASR (International Academy of Sex Research), Lisbon-Portugal, July 8-11, 2012.
- 2012** 20thInternational DGSS-Conference-Munich-Germany; DGSS Deutsche- Gesellschaft -für- SozialwissenschaftlicheSexualforschung e.V. 25th -

	29 th May, 2012.
2012	International 34 th NACS (Nordic Association for Clinical Sexology) -Sexology Conference (Pleasure and Health) Helsinki-Finland, 4-7 October, 2012.
2014-2015	International Anatolian Twin Congress on Neuroscience and Sexual Health Kongresini ve Eve Festivalini düzenliyor. www.twincongress2015.com
2015	International 17 th Congress of ESSM on Sexual Health, 2015, European Society for Sexual Medicine. 5-7 February, 2015, Copenhagen-Denmark
2016	Global Ibogaine Conference 2016, March 14-16 th , Tepoztlan, Mexico (http://www.ibogaineconference.org)
2016	38 th NACS Conference 2016, September 22-25 th , 2016, Tartu-Estonia

SCIENTIFIC PUBLICATIONS

PUBLISHED, PREPARED, SENT OR IN PRESS SCIENTIFIC ARTICLES

46- **Sayin HÜ.** A Bio-Electrical Tornado in the Hippocampus: Mechanisms of Temporal Lobe Epilepsy. *NeuroQuantology Journal*. (Accepted in Print) (Research and Review) March 2017.

45- **Sayin HÜ.** A Multi-Dimensional and Informatics Model of Female Orgasm. *NeuroQuantology and SexuS Journals*, 2016 (submitted).

44- **Sayin HÜ,** Yılmaz İZ. Vaginal-Coital Orgasms: The physiological and Neuro-pharmacological Mechanisms of Vaginal-Coital Orgasm, Expanded Sexual Response and Altered States of Consciousness During Female Orgasms, *NeuroQuantology and SexuS Journals*, 2016 (submitted).

43- **Sayin HÜ.** Orgasmic Behavior of Turkish Women: An Overview of 25 years of research. (submitted), 2016.

42. **Sayin HÜ,** Kocatürk A, Yılmaz İZ and Çetinkaya P. Sexual behavior of Turkish women: Five survey's preliminary overviews between 1991 and 2015. (submitted), 2016.

41- **Sayin HÜ.** A short introduction to system theory: Indispensable postulate systems and basic structures of the systems in quantum physics, biology and neuroscience (Review). *NeuroQuantology*, 1:126-142, March, 2016.

40- **Sayin HÜ.** ESR, Tantra and Limits of Female Potential. *Revista Cientifica Arbitrada de la Fundacion MenteClara*. Vol1, 2 e10, 2016, 1-28.

39- **Sayin HÜ.** Psychoactive Plant Use in Religious Rituals. (**Book Chapter**) In "Neuropathology of Drug Addictions and Substance Misuse" Ed. Victor Preedy, Amsterdam-Netherlands: Elsevier, Academic Press, Vol.3, pp:17-28, June, 2016

38- **Sayin HÜ.** Arısal T, Kocatürk A and Dedecan I. Effects of low frequency vibrator use in Turkish women. Online; *Archives of Sexology*, Hata! Köprü başvurusu geçerli değil., Hata! Köprü başvurusu geçerli değil. , 2014.

37- **Sayın HÜ.** Kocatürk A, and Dedecan I. Sexual Behavior of Turkish Women and Sexual Rights in Turkey. Online; *Archives of Sexology*, <http://www.sexarchive.info/news.htm>, <http://sexarchive.info/BIB/turwom1.htm> 2014.

36- **Sayın HÜ.** E Hutchinson, ME Meyerand, T Sutula. Age-dependent long-term structural and functional effects of early life seizures: evidence for a hippocampal critical period influencing plasticity in adulthood. *Neuroscience Journal*. 288: 120-134, 2015.

35- **Sayın HÜ.** A Cultural Analysis of What Hyper Activity in Female Sexual Behavior is: Pathology or Undiscovered Boundaries (Submitted), *Archives of Sexual Behavior*, 2016.

34- **Sayın HÜ.** Does the Nervous System Have an Intrinsic Archaic Language? Entoptic Images and Phosphenes (Research and Review). *NeuroQuantology* 12 (3): 427-445, 2014.

33- **Sayın HÜ.** The Consumption of Psychoactive Plants During Religious Rituals: The Roots of Common Symbols and Figures in Religions and Myths, (Research and Review) *NeuroQuantology*, 12 (2): 276-296, 2014.

32- **Sayın HÜ.** Holographic Brain: A four dimensional model for learning, memory and information retrieval of the human brain. (Review, In preparation-hazırlanıyor) 2015-2016.

31- **Sayın HÜ.** Doors of female orgasmic consciousness: New theories on the peak experience and mechanisms of female orgasm and expanded sexual response. (Research and Review) *NeuroQuantology*, 10 (4): 692-714, 2012.

30- **Sayın HÜ** and Kocatürk A. Expanded sexual response in the human female: The mechanisms of expanded orgasms in women (Review). Proceedings of NACS-2012-Helsinki Conference, *Helsinki-Finland (4-7 October, 2012) Proceedings Book* 2012; pp: 147-163, 2012.

29- **Sayın HÜ.** A Comparative review of the neuropharmacology of hallucinogen-induced altered states of consciousness: The uniqueness of some hallucinogens. (Review) *NeuroQuantology*, 10 (2): 316-340, 2012.

28- **Sayın HÜ.** Altered states of consciousness occurring during expanded sexual response in the human female: preliminary definitions.(Review) *NeuroQuantology*; 9(4): 882-891, 2011.

27- Westmark CJ, Gourronc FA, Bartleson VA, **Sayın Ü.**, Bhattacharya S, Sutula T and Malter JS, HuR mRNA Ligands Expressed After Seizure, *Journal of Neuropathology and Experimental Neurology*, 64 (12): 1037-1045, 2005.

26- **Sayın Ü.** Sutula TP, and Stafstrom C. Seizures in the Developin Brain Cause Adverse Long-Term Effects on Spatial Learning and Anxiety. *Epilepsia*, 45 (12) 1539-1548, 2004.

25- **Sayın Ü.** Osting S, Hagen J, Rutecki PA, Sutula T. Spontaneous Seizures and Loss of Axo-Axonic and Axo-Somatic Inhibition Induced by Repeated Brief Seizures in Kindled Rats, *The Journal of Neuroscience*, 23 (7): 2759-2768, 2003.

24- **Sayın Ü** and Rutecki PA. Group I Metabotropic Glutamate Receptor Activation Produces Prolonged Epileptiform Neuronal Synchronization and Alters Evoked Population Responses in the Hippocampus, *Epilepsy Research*, 53: 186-195, 2003.

23- Rutecki PA, **Sayın Ü.**, Yang Y, and Hadar E. Determinants of Ictal Epileptiform Patterns in the Hippocampal Slice, *Epilepsia*, 43 (Suppl. 5): 179-183, 2002.

22- Hadar E, Yang Y, **Sayın Ü.**, Rutecki PA. Suppression of Pilocarpine-induced Ictal Oscillations in the Hippocampal Slice, *Epilepsy Research*, 49: 61-71, 2002.

21- **Sayın Ü**, Rutecki PA, Mellanby J, Sutula T. Gamma Vinyl GABA Reduces Paired Pulse Inhibition in Rat Dentate Gyrus *in vivo* and *in vitro*. *Epilepsy Research*, 44:109-117, **2001**.

20- Lynch M, **Sayın Ü**, Golarai G, Sutula TP. NMDA-Receptor Dependent Plasticity of Granule Cell Firing in the Dentate Gyrus of Normal and Epileptic Rats. *J. Neurophysiology*, 84: 2868-2879, **2000**.

19- Lynch M, **Sayın Ü**, Bownds J, Janumpalli S, Sutula TP. Long Term Consequences of Early Postnatal Seizures on Hippocampal Learning and Plasticity. *European. J. Neuroscience*, 12: 2252-2264, **2000**.

18- **Sayın Ü** and Kence A. Islamist Scientific Creationism: A New Challenge in Turkey, *Reports of National Center for Science Education*, 19 (6): 18-29, Nov/Dec **1999**.

17- **Sayın Ü**, Rutecki P.A. , Sutula T.P.NMDA Dependent Currents in Granule Cells of the Dentate Gyrus Contribute to the Induction but not the Permanence of Kindling *J. Neurophysiology*, 81 (2): 564-574, **1999**.

16- Sutula T, Zhang P, Lynch M, **Sayın Ü**, Golarai G and Rod R. Synaptic and axonal remodeling of mossy fibers in the hilus and supragranular region of the dentate gyrus in kainate treated rats. *J. Comparative Neurology*, 390 (4): 578-594, **1998**.

15- **Sayın Ü**, Atasoy S, Uzbay IT, Arıcıoğlu-Kartal F, and Koyuncuoğlu H. Gamma Vinyl GABA potentiates the severity of naloxone-precipitated abstinence signs in morphine dependent rats. *Pharmacological Research*, 38 (1): 45-51, **1998**.

14- **Sayın Ü**, and Rutecki PA. Effects of Pilocarpine on the Paired Pulse Inhibition in the CA3 Region of the Rat Hippocampus, *Brain Research*, 758: 136-142, **1997**.

13- **Sayın Ü**, Timmerman W, and Westerink BHC. The Significance of Extracellular GABA in the Substantia Nigra of the Rats During Seizures and Anticonvulsant Treatment. *Brain Research*, 669: 67-72, **1995**.

12- Koyuncuoğlu H, **Sayın Ü**, Dizdar Y, and Arıcıoğlu F. Effects of a Competitive NMDA Antagonist, CGP 39551, on Morphine Physical Dependence: Attenuation and Intensification. *Turkish. J. Medical Sciences*, 21:163-168, **1994**.

11- Mellanby J, **Sayın Ü**, and Stanley M. Glutamic Acid Decarboxylase Activity in Tetanus Toxin-Induced Rat Epilepsy. *Turkish J. Medical Sciences* , 22:167-170, **1994**.

10- Odabaşı Z, Gökçil Z, **Sayın Ü**, Dolu H, and Yardım M. Neurosarcoidosis: A Case Study with Optic Nerve Involvement. *Turkish J. Medical Sciences*, 22:191-193, **1994**.

9- Cengiz S, Cengiz M, Küçük M, Özkök E, **Sayın Ü**, and Büyükdevrim S. Expression and Purification of Rat Pancreas Glicolipids during Streptozotasin (STZ) Diabetes and Nicotinamide Protection. *Turkish J. Medical Sciences*, 20:211-214, **1994**.

8-**Sayın Ü**, Cengiz S, and Altug T. Vigabatrin as an Anticonvulsant Against Pentylene-tetrazol Seizures. *Pharmacological Research*, 28 (4): 325-331, **1993**.

7- Rıdvanoğulları M, Aydın A, Anıl Y, **Sayın Ü**, Dinçol K, and Topuz E. Potentiation of Etoposide-induced DNA Damage by Verapamil in L-strain Cells *in vitro*. *J. Experimental & Clinical Cancer Research*, 12: 255-260, **1993**.

6- Alponat A, **Sayın Ü**, Öz B, Ertem M, Dabak D, Şirin F, and Büyükdevrim S. The Role of Aprotinin and Somatostatin in the Treatment of Acute Pancreatitis in the Rat. *Turkish J. Biological & Medical Research*, 4(2):141-146, **1992**.

5- **Sayın Ü**, Puralı N, Özkan T, Altuğ T, and Büyükdevrim S. Vigabatrin Has an Anxiolytic Effect

in the Elevated Plus Maze Test of Anxiety. *Pharmacology, Biochemistry & Behavior*, 43: 529-535, **1992**.

4- Koyuncuoğlu H, Dizdar Y, Arıcıoğlu F, and **Sayın Ü**. Effects of MK-801 on Morphine Physical Dependence: Attenuation and Intensification. *Pharmacology, Biochemistry & Behavior*, 43: 487-490, **1992**.

3- Adamec R, **Sayın Ü**, and Brown A. The Effects of CRF and Handling Stress on Behavior in the Elevated Plus Maze Test of Anxiety. *J. Psychopharmacology*, 5 (3) :175-186, **1991**.

2- **Sayın Ü**, Etüş V, Yılmaz Y, Altuğ T, and Büyükdevrim S. Nucleus Basalis Magnocellularis Lesions Impair Social and Avoidance Memory in Rats: A model for Alzheimer's Disease. *Turkish J. Biological & Medical Research*, 2(3):77-85, **1991**.

1- **Sayın Ü** and Özkan T. Correlation of Anxiety with Epilepsy: Neurophysiological Aspects in Kindling Model. (Review) *Klinik Gelişim (Clinical Improvement)*, (Suppl) 4: 1609-1612 November-December (Kasım-Aralık-December), **1991**.

ORAL PRESENTATIONS OR POSTERS PRESENTED IN SCIENTIFIC MEETINGS

5

2016

Margita Camilla Sundstedt and **H. Ümit Sayın**. A comparison of the orgasmic behavior of women in Finland and Turkey. 38th NACS-2016 Scientific Meeting, 22-25 September, 2016, Tartu-Estonia.

2016

Margita Camilla Sundstedt, **H. Ümit Sayın**, Karin Österman, Asiye Kocatürk and Kaj Björkqvist. An overview of the comparison of sexual behavior of females in finland and turkey, 4319 women. 38th NACS-2016 Scientific Meeting, 22-25 September, 2016, Tartu-Estonia.

2016

Sayın H. Ümit and Margita Camilla Sundstedt, New Horizons for Female Sexuality: Expanded Sexual Response (ESR), 38th NACS-2016 Scientific Meeting, 22-25 September, 2016, Tartu-Estonia.

Posters and Lecture:

2016

76-Sayın HÜ, Kartal L, Yılmaz İZ, Koyuncuoğlu H. The Anti-Addictive and Physiological Abstinence Blocking Effects of Ibogaine on Heroin Addiction: Via NMDA Receptors? 5th Global Ibogaine Therapy Alliance Conference, March 14-16th, Tepotzlan-Mexico. 2016

2016

75- Sayın HÜ, Kartal L, Yılmaz İZ. A Unified Alternative Hypothesis on the Mechanism of Action of Ibogaine, Psychoactive Plants and Entheogens. 5th Global Ibogaine Therapy Alliance Conference, March 14-16th, Tepotzlan-Mexico. 2016

13

International Anatolian Twin Congress on Neuroscience and Sexual Health, 1-3 May, 2015, Kozyatağı-Hilton, İstanbul

Plenary Lectures (Uzun Kongre "Key-Note" Konferansları)

2015

74-Plenary Key Note Lecture: Sayın H Ümit. Psychopharmacology of Psychiatric Medications and Sexual Function Disorders Due to Psychiatric Drugs: SSRI's and Anti-Psychotics (May, 1st, 17:30-18:00).

- 2015** **73-Plenary Key Note Lecture: Sayin H Ümit.** Expanded Sexual Response (ESR): The Determinant and Basic Definitions (May, 2nd, 09:00-10:00)
- 2015** **72-Plenary Key Note Lecture: Sayin H Ümit.** Use of sex Toys and Vibrators in Sex Therapy (May 3rd, 11:00-11:30)
- Panel Lectures (Panel Konuşmaları)**
- 2015** **71-Panel Talk: Sayin H Ümit.** Problems in Sexual Education and Sex Therapy in Turkey. (May 2nd, 11:30-11:45)
- 2015** **70-Panel Talk: Sayin H Ümit.** Pleasure and orgasm oriented treatment of vaginismus and sex therapy. (May 2nd, 11:45-12:00)
- 2015** **69-Panel Talk: Sayin H Ümit.** Oxytocin in female sexual response (May 2nd, 16:00-16:30)
- 2015** **68-Panel Talk: Sayin H Ümit.** Mechanisms of vaginal-coital orgasms (May 3rd, 09:00-09:30)
- 2015** **67- Sayin HÜ, Justine Dawson, Nicole Daedone.** Altered states of consciousness (ASC) induced by a new method of repeated clitoral stimulation and clitoral orgasm. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 122, (www.sexusjournal.com).
- 2015** **66- Sayin HÜ.** Expanded sexual response: basic definitions and parameters (Plenary Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 129-130, (www.sexusjournal.com).
- 2015** **65- Sayin HÜ.** The mechanisms of vaginal orgasms. (Panel Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 130-131, (www.sexusjournal.com).
- 2015** **64- Sayin HÜ.** Love hormone oxytocin: acute behavioral effects of oxytocin, in a dose dependent manner. (Panel Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 130-132, (www.sexusjournal.com).
- 2015** **63- Sayin HÜ.** Problems in sexual education and sex therapy in Turkey. (Workshop Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 132, (www.sexusjournal.com).
- 2015** **62- Sayin HÜ.** New trends in sex therapy: pleasure and orgasm oriented treatment of vaginismus and anorgasmia. (Workshop Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 132-133, (www.sexusjournal.com).

- 2015** **61- Sayin HÜ.** GLOBAL NEUROPHARMACOLOGICAL CASTRATION OF HUMAN SEXUALITY: SSRI'S AND ANTI-PSYCHOTICS: Psychopharmacology of Psychiatric Medications and Sexual Function Disorders Due to Psychiatric Drugs. (Workshop Lecture and Poster Presentation). **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 133-134, (www.sexusjournal.com).
- 2015** **60- Sayin HÜ.** The use of sex toys and vibrators in sex therapy. (Lecture, panel lecture and poster) **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 134, (www.sexusjournal.com).
- 2015** **59- Sayin HÜ.** The evaluation of sex toys and vibrators by Turkish female users: how to improve them. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 134-135, (www.sexusjournal.com).
- 2015** **58- Sayin HÜ.** Electrophysiological effects of childhood epilepsies and trauma on the adult hippocampus; electrophysiological evidence of Neo-Freudien theories. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 135-136, (www.sexusjournal.com).
- 2015** **57-Sayin HÜ** Asiye Kocatürk and Taner Arısal. Effects of vibrators on the orgasm patterns & sexual life styles of Turkish women: different classifications. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 136-137, (www.sexusjournal.com).
- 2015** **56- Sayin HÜ** and Asiye Kocatürk. İSTANBUL REPORT: Preliminary findings; the decline of the fantasy patterns and the frequency of masturbation in Turkish women during the last decades. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 137-138, (www.sexusjournal.com).
- 2015** **55- Sayin HÜ**, Asiye Kocatürk and Hacer Canatan. İSTANBUL REPORT: Preliminary findings, the decline of the orgasmic behavior in Turkish women during the last decades. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 138-139, (www.sexusjournal.com).
- 2015** **54-Asiye Kocatürk and Sayin HÜ** . İSTANBUL REPORT: Preliminary Results of a Survey on the 398 Postpartum Women in İstanbul: Sexual satisfaction, sexual function disorders, verbal and physical violence in the Turkish family structure. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 139, (www.sexusjournal.com).

2015 **53- Sayin HÜ**, Hacer Canatan, Aydan Taşkınlar and Burcu Karavelioğlu. Acute effects of 15 main basic note perfume fragrances on mood, sexual arousal, libido and sub-consciousness in women. **SexuS Journal**, *Abstracts and Proceedings of International Anatolian Congress on Neuroscience and Sexual Health, Kozyatağı-Hilton Hotel, Kadıköy-İstanbul*, 1-3, May, 2015; 1 (2): 140, (www.sexusjournal.com).

All the posters can be downloaded from:

<http://www.twincongress2015.com/?pnum=46&pt=Presentations%2FPosters+of+ASEHERT-C%C4%B0SEATED>

3

2015 **52- Sayin HÜ**, Kocatürk A. Orgasmic Behavior and the Frequencies of Sexual Function Disorders in 398 Postpartum Women in İstanbul. International 17th Congress of ESSM on Sexual Health, 2015, European Society for Sexual Medicine. 5-7 February, 2015, Copenhagen-Denmark, Conference Abstract Book, 2015; **2015**.

2015 **51-** Kocatürk A, **Sayin HÜ**. Correlation of Good Sexual Relationships & Satisfaction in Marriage with the Domestic Violence in 398 Postpartum Women in İstanbul. International 17th Congress of ESSM on Sexual Health, 2015, European Society for Sexual Medicine. 5-7 February, 2015, Copenhagen-Denmark, Conference Abstract Book, 2015; **2015**.

2015 **50-Sayin HÜ**, Arisal T, Kocatürk A, Dedecan I, Arisal M. Effects of Low Frequency Bullet Vibrators on the Clitoral Orgasm and Sexual Lives of Turkish Women. International 17th Congress of ESSM on Sexual Health, 2015, European Society for Sexual Medicine. 5-7 February, 2015, Copenhagen-Denmark, Conference Abstract Book, 2015; **2015**.

9

2012 **49-Sayin HÜ**, Kocatürk A, Armagan N, Kece C. Sexual response of women altered before and after childbirth in Turkey. The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012;34: 31; **2012**.

2012 **48-Sayin HÜ**, Kocatürk A, Armagan N. What Next After 60 Years of G-Spot Debate: Other Possible Erogenous Zones in Female Genitalia Which Can Contribute to the Development of Female Orgasm Other than Glans Clitoris. The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012;34: 30-3; **2012**.

2012 **47-Sayin HÜ**, Ramstadius M. Altered States of Consciousness (ASC) During Female Orgasms and Expanded Sexual Response (ESR): Don't Use Drugs, Use Expanded Orgasms! The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012; 34: 33; **2012**.

2012 **46-Sayin HÜ**, Kocatürk A, Kocatürk C, Ramstadius M. Correlation of Factors that Contribute to the Masturbation Quality and the Strength of Pelvic Floor Muscles (PFM) as Measured by Kegel Perineometer. The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012; 34: 32; **2012**.

2012 **45-Sayin HÜ**, Kece C. Four Nerve and Six Pathway Theory of Female Orgasmic Response. The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012; 34: 29; **2012**.

2012 **44-Sayin HÜ**, Kocatürk A, Kece C, Dastan K. The Acute Effects of Nasal Oxytocin Spray on Female Behavior: Sedation, Arousal, Anxiolysis, Empathy and Altered States of Consciousness. The 34th NACS-Sexology Conference (Pleasure and Health) 4-7 October, 2012, Helsinki-Finland. NACS-Conference Abstract Book 2012; 34: 32; **2012**.

2012 **43-**Kocatürk A, **Sayin HÜ**. A comparison of hyperactive sexual tendencies of global and Turkish women: Some lessons and aspects for HDSI criteria of DSM-V. 38th Annual Meeting of IASR (International Academy of Sex Research), Lisbon-Portual, July 8-11, 2012; Abtract Book, 38:81, **2012**.

2012	42-Kocatürk A, <u>Sayın HÜ</u>, Baş GY, Kocatürk C. Comparison of the Sexual Behavior of 939 Female Students in İstanbul Universities (2012) to the Survey Results of Kadınca Report (1993): Decline in Sexual Knowledge and Education in Turkish Universities? 38 th Annual Meeting of IASR (International Academy of Sex Research), Lisbon-Portual, July 8-11, 2012; Abtract Book, 38: 82, 2012 .
2012	41- Armagan N, <u>Sayın HÜ</u>, Kocatürk A. Can Sexual Response be Enhanced and Expanded in the Human Female: Preliminary Findings and a Proposed Psychometric Scale for Expanded Sexual Response (ESR). 38 th Annual Meeting of IASR (International Academy of Sex Research), Lisbon-Portual, July 8-11, 2012; Abtract Book, 38: 9, 2012 .
2012	40-Sayın Ü. Expanded Sexual Response (ESR) in the Human Female. (Oral Presentation) 20 th International DGSS-Conference-Munich-Germany; DGSS Deutsche-Gesellschaft -für- Sozialwissenschaftliche Sexualforschung e.V. 25 th -29 th May, 2012 .
5	
2011	39-Sayın Ü, Ramstadius M, Kocatürk A. Pelvic Floor Muscle Strength is Correlated with Attaining Vaginal Orgasms in Human Female as Measured by Kegel Perineometer. 33 rd NACS Conference 2011, Oslo-Norway, October, 13-16; Nordic Association for Clinical Sexology 33 rd Congress Abstract Book (33):22, 2011 .
2011	38- Ramstadius M, <u>Sayın Ü</u>, Kocatürk A. Will Enhanced and Expanded Sexual Response in Human Female be Misdiagnosed as Hypersexual Disorder in DSM-V: ESR or Hypersexual Disorder? 33 rd NACS Conference 2011, Oslo-Norway, October, 13-16; Nordic Association for Clinical Sexology 33 rd Congress Abstract Book (33):20, 2011 .
2011	37-Sayın Ü, Ramstadius M. Expanded Desire: The Main Parameters and New Definitions of Enhanced and Expanded Sexual Response (ESR).33 rd NACS Conference 2011, Oslo-Norway, October, 13-16; Nordic Association for Clinical Sexology 33 rd Congress Abstract Book (33):21, 2011 .
2011	36- Kocatürk A, <u>Sayın Ü</u>, Baş GY, Kocatürk C, Ocakçı AF. Sexual Behavior Patterns of Turkish Females at Two Universities of İstanbul in 2011: Marmara and Bogaziçi Universities Pilot Survey Studies. 33 rd NACS Conference 2011, Oslo-Norway, October, 13-16; Nordic Association for Clinical Sexology 33 rd Congress Abstract Book (33):15, 2011 .
2011	35-Sayın Ü, Günay C.,Ramstadius M, Kocatürk A, Kahya İ. Desire in Turkish Women: Orgasmic Behaviour Patterns in 2240 Educated Turkish Women Which Improves with Education. 33 rd NACS (Nordic Association for Clinical Sexology) Conference, October, 13-16, 2011, Oslo-Norway, Nordic Association for Clinical Sexology 33rd Congress Abstract Book (33):22, 2011 .
1	
2006	34- Bolle SS, <u>Sayın Ü</u>, Puralı N, Keçeli B and Siebert DJ. Salvinorin A effect on rats when tested in a bio-assay based on Hall's Open Field Test. The Febs Journal 31 st , FEBS Congress, 24-26 June, 2006, 273 (supl 1): 362-363, 2006 .
1	
2005	33-Sayın U, Lynch M, Stafstrom CE, Sutula T: a critical period for febrile seizures, plasticity, and developmental epileptogenesis in the rat. <i>Epilepsia</i> 46 (8): 124, 2005 .
10	
2003	32- Hagen JW, <u>Sayın Ü</u>, Osting S, Rutecki P, and Sutula T. Regional Specificity of Seizure-Induced Interneuron Loss and Reduced Inhibition in the Epileptic Rat Hippocampus. , <i>Proceedings of 57th American Epilepsy of Society (AES) International</i> , 2003 .
2003	31-Sayın Ü. The GABAergic Paired Pulse Inhibition in the Dentate Gyrus and CA1 Regions of Rat Hippocampus is Impaired After Traumatic Brain Injury, Proc. 3rd European Academy of Forensic Science Triennial Meeting, İstanbul, Turkey, Eylül 2003; <i>Forensic Science International</i> , Vol. 136 (Suppl. 1):229-230, September 2003 .

2003	30-Sayin Ü. and Cengiz S. Effects of Pentylenetetrazol Seizures on Dopamine and GABA Levels in the Rat Striatum', Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003; <i>Forensic Science International</i> , Vol. 136 (Suppl. 1):316, September 2003 .
2003	29-Sayin Ü. Endomorphine-1 Induces Loss of Inhibition in the Dentate Gyrus of Hippocampus, Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003; <i>Forensic Science International</i> , Vol. 136 (Suppl. 1): 313, September 2003 .
2003	28-Sayin Ü. Morphine Physical Dependence Decreases the Threshold for Pentylenetetrazol Seizures in Rats that is Reversed by NMDA Antagonist MK-801, Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003, <i>Forensic Science International</i> , Vol. 136 (Supl. 1):314-315, September 2003 .
2003	27-Sayin Ü and Atasoy S. 'Long term effects of Childhood Trauma on Short Term Memory'. Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003, <i>Forensic Science International</i> , Vol. 136 (Suppl. 1), pp:396. 2003 .
2003	26-Sayin Ü and Atasoy S. 'Long term effects of Childhood on Anxiety at Adulthood: An Animal Model to Study the Anxious Behavior after Childhood Trauma'. Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003. <i>Forensic Science International</i> , Vol. 136 (Suppl. 1), pp: 397.
2003	25-Sayin Ü and Ziyalar N. 'Aberrant and Variant Sexual Behavior in Turkish Women.' Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003. <i>Forensic Science International</i> , Vol. 136 (Suppl. 1), pp: 288. 2003 .
2003	24-Sayin Ü. Ziyalar N, and Kâhya İ. 'Sexual Behavior in Educated Turkish Women'. Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003. <i>Forensic Science International</i> , Vol. 136 (Suppl. 1), pp:287, 2003 .
2003	23-Sayin Ü. Ziyalar N, and Kahya İ. 'Orgasmic Behavior in Educated Turkish Women'. Proc. 3rd European Academy of Forensic Science Triennial Meeting, Istanbul, Turkey, Eylül 2003. <i>Forensic Science International</i> , Vol. 136 (Suppl. 1), pp:186, 2003 .
2	
2002	22-Sayin Ü and Sutula T. Febrile Seizures During a Critical Postnatal Period Increase Seizure Susceptibility, Reduce Inhibition and Modify Seizure-Induced Inhibitory Plasticity in Adulthood, <i>Proceedings of 56th American Epilepsy Society (AES) International Meeting, Los Angeles, A.B.D., Epilepsia</i> (Suppl. 7) Vol 43: 25, Aralık-December 2002 .
2002	21- Sutula T, Osting S, Shanton J, Hagen J, Dustin S, Sayin Ü. Progressive Seizure-Induced Loss of GABA Interneurons Providing Axo-Axonic and Axo-Somatic Inhibition is Critical for Spontaneous Seizures and Intractability, <i>Proceedings of 56th American Epilepsy Society (AES) International Meeting, Los Angeles, A.B.D., Epilepsia</i> , Vol. 43(Suppl. 7): 237, Aralık-December 2002 .
1	
2001	20- Rutecki P and Sayin Ü. Decreased Synaptic Strength Contributes to Prolonged Epileptiform Discharges Produced by Group I Metabotropic Glutamate Receptor Activation in Hippocampus. <i>Proceedings of 55th American Epilepsy Society Meeting, San Fransisco, Epilepsia</i> , Vol.42 (Suppl. 7): 7, Aralık-December 2001 .
6	
2000	19- Rutecki P, Vielhuber K, and Sayin Ü. Mechanisms of Ictal Epileptiform Activity Produced by Group I Metabotropic Glutamate Activation in Hippocampus. <i>Proceedings of 54th American Epilepsy Society Meeting, Los Angeles, December. Epilepsia</i> Vol. 41 (Suppl. 7) : 162, Aralık-December 2000 .
	18- Sutula T, Sayin Ü , Sayin, Y, Stafstrom C. Adverse Long Term Consequences of

2000	Early Postnatal Seizures. <i>Proceedings of 54th American Epilepsy Society Meeting</i> , Los Angeles, December, <i>Epilepsia</i> Vol. 41 (Suppl 7): 42, Aralık-December 2000 .
2000	17-Sayın Ü , Sutula T, Shanton J, Vielhuber K., Age Dependence and Regional Specificity of Long-term Hippocampal Alterations Induced by Febrile Seizures in Developing Rats. <i>Proceedings of 54th American Epilepsy Society Meeting</i> , Los Angeles, December, <i>Epilepsia</i> , Vol. 41 (Suppl 7): 47, Aralık-December 2000 .
2000	16- Rutecki P, Vielhuber K, Sayın Ü . Calcium Related Mechanisms of Ictal Activity Produced by Group-I Metabotropic Glutamate Receptor Activation in Rat Hippocampal Slice. <i>Society for Neuroscience (SFN) International Meeting (30th Annual SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, New Orleans, A.B.D.</i> , Vol 26:1837, No: 683.11, Kasım 2000 .
2000	15- Sutula T, Sayın Ü , Shanton J, and Lynch M. Seizure Induced Disruption of Hippocampal Development: Regional and Temporal Specificity of Long Lasting Hippocampal Alterations Induced by Postnatal Seizures. <i>Society for Neuroscience International Meeting (30th Annual SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, New Orleans, A.B.D.</i> , Vol. 26:1050, No: 389.12, Kasım 2000 .
2000	14-Sayın Ü , Knodel S, Rutecki P, and Sutula T. 'Seizure Induced Loss of CCK and GAT-1 Interneurons and Reduced Inhibition in the Dentate Gyrus: Relationship to Emergence of Spontaneous Seizures in Kindled Rats'. <i>Society for Neuroscience International Meeting (Annual 30th SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, New Orleans, A.B.D.</i> , Vol. 26: 1050, No: 389.11, Kasım 2000 .
1	
1999	13- Rutecki PA and Sayın Ü . Metabotropic Glutamate Receptor Activation Decreases Paired Pulse Inhibition in the CA3 Region of Hippocampus. <i>American Neurological Association Meeting, Seattle, USA, Annals of Neurology</i> , Vol. 46, No:3: 446, Eylül 1999 .
4	
1998	12- Rutecki PA and Sayın Ü . Proconvulsant and Antiepileptic Effects of Group-I and II Metabotropic Receptor Activation in Hippocampus, <i>Proceedings of 52nd American Epilepsy Society (AES) International Meeting, San Diego, USA, Epilepsia</i> Vol. 39 (Suppl 6): 25, Aralık-December 1998 .
1998	11-Sayın Ü , Lynch M and Sutula TP. Long-term Alterations in Hippocampal Inhibition Induced by Seizures in Developing Rats. <i>Proceedings of 52nd American Epilepsy Society (AES) International Meeting, San Diego, USA, Epilepsia</i> Vol. 39 (Suppl 6): 33. Aralık-December 1998 .
1998	10-Sayın Ü , Rutecki P, Sutula T. Spontaneous Seizures Associated with Long Term Reduction in Inhibition in the Dentate Gyrus and CA3 of Kindled Rats. <i>Society for Neuroscience International Meeting (28th Annual SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, Los Angeles, USA</i> Vol. 24 (1): 1205, No:473.2, Kasım-November 1998 .
1998	9- Lynch M, Sayın Ü , Sutula TP. Alterations in Hippocampal Plasticity, Learning and Inhibition in Adult Rats Induced by Synchronous activity in the Development. <i>Society for Neuroscience International Meeting (28th SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, Los Angeles, USA</i> , Vol. 24 (2): 1306, No:518.11, Kasım-November 1998 .
2	
1997	8-Sayın Ü , Rutecki PA, Mellanby J, Sutula PT. 'Gamma Vinyl GABA Impairs Paired Pulse Inhibition In vivo and In Vitro'. <i>Proceedings of 51st American Epilepsy Society (AES) International Meeting, Boston, USA, Epilepsia</i> , Vol. 38 (Suppl 8):110-111, Aralık-December 1997 .
1997	7- Rutecki PA and Sayın Ü . 'Metabotropic Glutamate Receptor Activation and Epileptogenesis. <i>Society for Neuroscience International Meeting (27th Annual SFN Meeting)</i> , <i>Society for Neuroscience Abstracts, New Orleans, USA</i> , Vol. 23 (2):2420, No: 941.2, Kasım-

	November 1997.
3	
1996	6-Sayın Ü. , Rutecki PA, and Sutula TP. NMDA Dependant Synaptic Currents Do Not Contribute to Permanent Seizure Susceptibility After Kindling. <i>Society for Neuroscience International Meeting (26th Annual SFN Meeting), Society for Neuroscience Abstracts, Washington, D.C., USA, Vol. 22 (2):187, No: 79.4, Kasım-November 1996.</i>
1996	5- Rutecki PA, Sayın Ü. , and Sutula TP. Long Term Reduction of Inhibition in the Dentate Gyrus of the Rats. <i>Society for Neuroscience International Meeting (26th Annual SFN Meeting), Society for Neuroscience Abstracts, Washington, D.C., USA, Vol.22 (1):187, No:79.1, Kasım-November 1996.</i>
1996	4-Sayın Ü. , Rutecki PA, and Sutula TP. Long Term Reduction of Inhibition Develops in the CA3 Region of Kindled Rats in Association with Slowly Evolving Decrease of Inhibition in the Dentate Gyrus. <i>Proceedings of 50th American Epilepsy Society(AES) International Meeting, San Fransisco, USA, <u>Epilepsia</u>, Vol. 37 (Suppl 5):75, Aralık 1996.</i>
1	
1995	3-Sayın Ü. , and Rutecki PA. Effects of Pilocarpine on the Paired Pulse Inhibition in the CA3 Region of the Rat Hippocampus, <i>Proceedings of 49th American Epilepsy Society(AES) International Meeting, San Fransisco, USA, Baltimore, <u>Epilepsia</u>, Vol. 36 (Suppl 4): 16, Aralık-December 1995.</i>
2	
1991	2- Etüş V., Sayın Ü. , and Büyükdevrim S., <i>The Role of Dopaminergic System in the Anxiolytic Activity of Buspirone.</i> 7th International Medical Sciences Student Congress, Istanbul 23-25 May 1991.
1991	1-Sayın Ü. , Etüş V., and Büyükdevrim S., <i>The Role of GABA Increase in the Deep Prepiriform Cortex of Rats in Pentylene-tetrazol Induced Seizures.</i> Turkish Symposium of Physiology, Istanbul, October 1991.

BOOK TRANSLATIONS:

1)Nörotransmitterler ve İlaçlar, (Neurotransmitters and Drugs) Zygmunt L. Kruk ve Christopher J. Pycock, Çevirenler: Birol Çotuk ve **Ümit Sayın**. İstanbul: Bilimsel ve Teknik Çeviri Yayınları Vakfı Yayınları, **1994**.

2)Gastrointestinal Farmakoloji, (Gastrointestinal Pharmacology) Editör: William F. Stenson, Çevirenler: **Ümit Sayın** ve Tunçhan Çelik. İstanbul: Bilimsel ve Teknik Çeviri Yayınları Vakfı Yayınları, **1994**.

3)Pediatrik Psikofarmakoloji, (Pediatric Psychopharmacology) Editör: David Schaffer, Çevirenler: Peykan Gökalp, **Ümit Sayın** ve Işın Baral. İstanbul: Bilimsel ve Teknik Çeviri Yayınları Vakfı Yayınları, **1993**.

4)İnsanda Cinsel Davranış, (Human Sexual Response) Masters W. and Johnson V. Çevirenler: Gül Demiriz ve **Ümit Sayın**. İstanbul: Bilimsel ve Teknik Çeviri Yayınları Vakfı Yayınları, **1993**.

POPULAR SCIENCE ARTICLES

1-Ümit Sayın. **Is LSD a Chemical Prophet or a Neuro-Chemical Lier?** (*LSD Kimyasal Bir Peygamber mi, Yoksa Yalancı Bir Düş Avcısı mı ?*), Science & Utopia (Bilim ve Ütopya), May 1993.

2-Ümit Sayın. **Heroin Addiction: A Way of Dying** (*Eroin Bağımlılığı: Bir Yokoluş Biçimi*), Science & Utopia (Bilim ve Ütopya), June 1993.

3-Ümit Sayın. **Does Nature Want Us to be Anxious ?** (*Doğa Korkmamızı mı İstiyor ?*), Science & Utopia (Bilim ve Ütopya), July 1993.

4-Ümit Sayın. **A Different Approach to Solid Objects in Mathematics: TOPOLOGY**, (*Matematikte Cisimlere Farklı Bir Yaklaşım: Topoloji*), Science & Utopia (Bilim ve Ütopya), October 1993.

5-Ümit Sayın. **Neuroscience is Investigating the Spirit: Is Spirit Hidden in the Molecules?** (*Nörobilim Ruhu Araştırıyor: Ruh Moleküller de mi Gizli?*) Science & Utopia (Bilim ve Ütopya), November 1993.

6-Ümit Sayın. **Should We Ban Some Hallucinogens?** (*Uyuşturucuya Özgürlük mü Yoksa Zincir mi?*) (Bilim ve Ütopya), January 1994.

7-Ümit Sayın. **Fourth Dimension and Beyond** (*Dördüncü Boyut ve Ötesi*). Science and Technics (Bilim ve Teknik- TÜBİTAK) No:318: 54-58; May 1994.

8-Ümit Sayın. **Was Schroedinger's Cat a Ginger Cat?** (*Schrodinger'in Kedisi Tekir miydi?*) Science & Utopia (Bilim ve Ütopya), 2 (7): 5-6 ; January 1995.

9-Ümit Sayın. **Can There be a Real Academia and Science in Turkey Today?** (*Türkiye'de Bugün Bilim Yapılabilir mi?*) Science & Utopia (Bilim ve Ütopya), 3 (19):43 ; January 1996.

10-Ümit Sayın. **Science and Technology Under the Very Hands of the Big Brother** (*Büyük Ağabey'in Emrindeki Bilim ve Teknoloji*). Science & Utopia (Bilim ve Ütopya), 3 (21):43-45; March 1996.

11-Ümit Sayın. **Is Time Travel Possible?** (*Zaman Yolculuğu Yakında Mümkün mü?*) Science & Utopia (Bilim ve Ütopya), 3 (28): 22-24; October 1996.

12-Ümit Sayın. **CIA, Intelligence Agencies and Mind Control** (*CIA, İstihbarat Örgütleri ve Zihin Kontrolü*). Science & Utopia (Bilim ve Ütopya), 4 (32):28-30; February 1997.

13-Ümit Sayın. **Heaven's Gate and Death Cults** (*Heaven's Gate ve Ölüm Kültleri*). Science & Utopia (Bilim ve Ütopya), 4 (35):36-37; May 1997.

14-Ümit Sayın. **Science Fiction and the Space** (*Bilim Kurgu ve Uzay*). Science & Utopia (Bilim ve Ütopya), 4 (36):23-25; June 1997.

15-Ümit Sayın. **Manifesto for a Campaign for Clean, Democratic and Secular Illuminated Turkey** (*Aydınlık Bir Türkiye Kampanyası İçin Çağrı*). Bilim ve Ütopya, FORUM, 4 (37):9, July 1997.

16-Ümit Sayın. **Black and Dark Science** (*Kara Bilim*). *Science & Utopia* (Bilim ve Ütopya), 4 (38): 24-26; August 1997.

17-Ümit Sayın. **History of Science** (*Bilim Tarihi: Öykü Başlarken*). *Science & Utopia* (Bilim ve Ütopya), 4 (39) 84-85; September 1997.

18-Ümit Sayın. **How Does CIA Recruit Scientists?** (*CIA Bilim İnsanlarını Nasıl Tavlalar?*) *Science & Utopia* (Bilim ve Ütopya), FORUM, 4 (40): 4-5; October 1997.

19-Ümit Sayın. **History of Science-2** (*Bilim Tarihi: MÖ: 3000-600 Arası*). *Science & Utopia* (Bilim ve Ütopya), 4(40):74-75; October 1997.

20-Ümit Sayın. **Modern Art and Science** (*Modern Sanat ve Bilim*), 4 (41): 58-64; November 1997.

21-Ümit Sayın. **About Historical Pro-Turks** (*Ön Türkler Üzerine*). *Science & Utopia* (Bilim ve Ütopya), FORUM, 5 (49):7; July 1998.

22-Ümit Sayın. **Secret Governments, Secret Projects and Black Science** (*Gizli Hükümetler, Gizli Projeler ve Kara Bilim*). *Science & Utopia* (Bilim ve Ütopya), 5 (45):60-63; March 1998.

23-Ümit Sayın. **How Can Science Develop in Turkey ?** (*Türkiye'de Bilim Nasıl Gelişebilir Forumu*). *Science & Utopia* (Bilim ve Ütopya), FORUM, 5 (46):8, Nisan 1998.

24-Ümit Sayın. **How Can Science and Academia Improve in Turkey? -1** (*Türkiye'de Bilim Nasıl Gelişebilir I*)? *Science & Utopia* (Bilim ve Ütopya), 5 (46):50-53; April 1998.

25-Ümit Sayın. **How Can Science and Academia Improve in Turkey? -2** (*Türkiye'de Bilim Nasıl Gelişebilir II*) ? *Science & Utopia* (Bilim ve Ütopya), 5 (47):65-67; Mayıs 1998.

26-Ümit Sayın. **About Inhumane Lobotomy** (*Yine Lobotomi Hakkında*). *Science & Utopia* (Bilim ve Ütopya), FORUM, 5 (51):3, September 1998.

27-Ümit Sayın. **Altered States of Consciousness** (*Farklı Bilinç Halleri*). *Science & Utopia* (Bilim ve Ütopya), 5 (51):14-22; September 1998.

28-Ümit Sayın. **How Did Life Start on Earth?** (*Yaşam Nasıl Başladı?*), *Science & Utopia* (Bilim ve Ütopya), 5 (52):26-36; October 1998.

29-Ümit Sayın. **Fly, Fly Dinosaur Fly!** (*Uçtu Uçtu Dinozor Uçtu!*) 1998. *Science & Utopia* (Bilim ve Ütopya), 5 (53):28-35; November 1998.

30-Ümit Sayın. **Collapse of Scientific Creationism in USA** (*ABD'de Bilimsel Yaratılışçılığın Çöküşü*). *Science & Utopia* Bilim ve Ütopya, 5 (54):22-23; December 1998.

31-Ümit Sayın. **The Defects of Intellectuals in Turkey** (book chapter) (*Tutarsız Aydınların Aymazlığı:Türkiye'nin Kara Talihi*) (kitap bölümü), Turan Dursun ve Aydınlanma, Editör Abit Dursun. Berfin Yayınları, S:113-124, 2000.

32-Ümit Sayın, **The Start of Organic Life on Earth** (*Dünya'da Organik Yaşamın Başlangıcı*), TÜBİTAK Science and Technics (Bilim ve Teknik Dergisi), 33 (390): 78-81, May

2000.

33-Ümit Sayın. **Answers to Radical Islamists and Creationists-1** (*Radikal Yararılışçıların İddiaları ve Bilimin Yanıtları-1*). Science & Utopia (Bilim ve Ütopya), 8 (89):38-43, October 2001.

34-Ümit Sayın, **Answers to Radical Islamists and Creationists-2: Transition Fossils** (*Radikal Yararılışçıların İddiaları ve Bilimin Yanıtları-2: Geçiş Fosiller*). Science & Utopia (Bilim ve Ütopya), 8 (90):52-55, November 2001.

36-Ümit Sayın, **Biological and Chemical Warfare** (*Biyolojik ve Kimyasal Savaş*), Science & Utopia (Bilim ve Ütopya), 8 (90):68-70, November 2001.

37-Ümit Sayın, **9/11 Event and Secret Societies** (*Onbir Eylül Olayı ve Gizli Cemiyetler*), Book Chapter, Sorun Polemik, 2:80-111, February 2002.

38-Ümit Sayın, **Secret Societies That Rule the World** (*Dünyayı Yöneten Gizli Örgütler*), Teori Dergisi, Sayı: 157, S:61-80, February 2003.

39-Ümit Sayın & İpek Kahya, **Is Mind Control Possible?** (*Zihin Kontrolü Mümkün mü?*), MAX Dergisi, October 2003, 5 (10): 102-107.

40-Ümit Sayın, **Bird Flue and Biological Warfare** (*Kuş Gribi ve Türkiye'ye Karşı Yapılacak Olası Biyolojik Savaşın Boyutları*), Müdafaa Hukuk Dergisi, February 2006.

He has written nearly 70 articles on female sexuality, human relations, psychology-psychiatry, sex therapy, male-female relations and sexuality in women's magazines **KADINCA, KİM, Türkiye-Cosmopolitan, HÜLYA Magazine, Türkiye-Marie-Claire, MAX** between 1991-2004.

AMERİCAN POPULAR SCIENCE MAGAZINES & JOURNALS

1) Ümit Sayın ve Aykut Kence “ *Islamist Scientific Creationism: A New Challenge in Turkey*”, Reports of National Center for Science Education, 19 (6): 18-29, Nov/Dec 1999.

2) Ümit Sayın, '*Debunking a Creationist Cult*', 2003, Skeptical Inquirer tarafından kabul edildi.

BOOKS HE HAS WRITTEN, IN PRESS OR BEING PREPARED

1-Cinselliğin Farklı Boyutları (Other Dimensions of Sexuality), İstanbul: YOL Publications, 1993. (254 pages) ISBN: 975-7569-13-5

2-Gizli Örgütler, 11 Eylül ve Büyük Ortadoğu Projesi (Secret Societies, 9-11 and Great Middle East Project), Genişletilmiş 4. Baskı (4th edition). İstanbul: Neden Publications, 2006. (488 pages) ISBN: 975-254-124-0

3-Derin Devletler, Gizli Projeler ve Kirli Gerçekler (Secret States, Secret Projects

and Dirty Truths), Genişletilmiş 4. Baskı (4th edition). İstanbul: Neden Publications, 2006. (448 pages) ISBN: 975-254-142-9

4-Dünyayı Yöneten Gizli Güçler (The Secret Powers That Rule the World), İstanbul: Neden Publications, 2007. (576 pages) ISBN: 978-975-254-212-9

5-Derin Sex (Deep Sex), İstanbul: Klan Publications, 2010. (512 pages) ISBN: 978-605-5740-15-3

6-Cinsellikte Farklı Boyutlar (Derin Sex) (Different Dimensions of Sexuality: Deep Sex, second expanded edition, two volumes) İki cilt, ikinci genişletilmiş baskı. İstanbul: Tantra Akademi/Onur Publications, 2014. (880 pages, 2 volumes) ISBN: 978-60587091-9-5

7-Artırılmış Cinsel Doyum: ESR; Kadınlarda Ultra Orgazm (Expanded Sexual Response: ESR; Ultra Orgasm in Women), İstanbul: Tantra Akademi/Onur Publications, 2012. (336 pages) ISBN: 978-605-87091-0-2

8-Resimli Kadın Cinselliği Hakkında 100 Yeni Bilimsel Gerçek (100 New Scientific Facts on Female Sexuality, Illustrated), Ankara: Pusula Publications, 2013. (234 pages) ISBN: 978-605-87396-8-0

9-Dinle Beyaz Adam (Listen White Man), İstanbul: Tantra Akademi/Onur Publications, 2013. (72 pages) ISBN: 678-605-87091-5-7

10-Resimli 100 Soruda Neo-Tantra: Tantrik Cinselliğin Sırları, (Illustrated Neo-Tantra in 100 Questions: Secrets of Tantric Sexuality), İstanbul: Tantra Akademi/Onur Publications, 2013. (482 pages) ISBN: 978-605-87091-7-1

11-Tantrik Kama Sutra-1: Gelişmiş Sevişme Teknikleri (Tantric Kama Sutra-1: Developed Love Making Techniques). İstanbul: Tantra Akademi/Onur Publications (in press, baskıda, 2016-2017)

12-Kadınlarda Orgazmın Psikolojisi (Psychology of Orgasm in Women). İstanbul: Tantra Akademi/Onur Publications, 2015. (304 pages) ISBN: 978-605-85249-3-4

13- Psikoaktif Bitkilerin Tarihi ve Farklı Bilinç Hallerinin Psikofarmakolojisi (The History of Psychoactive Plants and the Psychopharmacology of Altered States of Consciousness), İstanbul: Tantra Akademi/Onur Publications (May 2016). ISBN: 978-605-85249-6-5

14- Parafili-1: Cinsel Bozukluklar ve Normal Ötesi Davranışlar (Sexual Disorders and Paraphilia; 1. Kitap, First book), İstanbul: Tantra Akademi/Onur Yayınları/Publications, Ders Kitabı-Textbook (384 pages), 2016, ISBN: 9786058524989

15- AFROS: Kadın, Erkek ve 150 Bilimsel Gerçek (AFROS: Women, Men and 150 Scientific Facts), İstanbul: Tantra Akademi/Onur Yayınları/Publications, 340 sayfa/pages, Eylül, 2016. ISBN: 978-605-83241-2-1

16- Terapi Oyuncakları (Therapy Toys), İstanbul: Tantra Akademi/Onur Yayınları, Ekim, 2016. ISBN: 978-605-83241-3-8

17- Dünya Yeraltı Erotikası Tarihi ve Bilimsel Analizleri (The History of

Underground Erotica and Their Scientific Analysis), İstanbul: Tantra Akademi/Onur Yayınları, 388 sayfa/pages, Kasım, 2016. **ISBN: 978-605-83241-5-2**

18- Yeni Fizik ve Modern Sanat (New Physics and Modern Art), January 2017, İstanbul: Tantra Akademi/Onur Publications. **978-605-83241-9-0**

19- Sistem Teorisine Giriş (An Introduction to System Theory), (in preparation, hazırlanıyor, 2017-2018) İstanbul: Tantra Akademi/Onur Publications.

20- Üniversiteler için Cinsellik Ders Kitabı (Textbook of Sexuality for Universities) İstanbul: Tantra Akademi/Onur Publications (in press, baskıda 2018)

21-ZEN and the BRAIN (Zen ve Beyin) İstanbul: Tantra Akademi/Onur Publications, 2017.

22- 4 CONSECUTIVE BOOKS: Nöropsikofarmakoloji-Serisi (Psycho-Neuro-pharmacology Series, 4 volumes). İstanbul: Tantra Akademi, (4 cilt olarak Hazırlanıyor, Ders kitabı), 2017-2018. *Cilt 1: Aksiyon potansiyeli ve sinaptik ileti; Cilt-2: Nörotransmitterler; Cilt-3: Psikoaktif Maddeler (Uyarıcılar, Depresanlar, Uyuşturucular, Halüsinojenler ve Bağımlılık Cilt-4: Nörolojik ve Psikiyatrik hastalıkların tedavisinde Psikofarmakoloji)* 2017-2018. Ders Kitabı-Textbook.

Volume-1 Action Potentials and Synaptic Transmission

Volume-2 Neurotransmitters

Volume-3 Psychoactive Substances and Addiction (Stimulants, Depresants, Narcotics and Hallucinogens)

Volume-4 Psychopharmacology in the Treatment of Neurological and Psychiatric Disorders

SİTASYONLARI CITATIONS OF ÜMİT SAYIN-December-2015

GOOGLE-SCHOLAR

http://scholar.google.com.tr/scholar?q=umit+sayin&btnG=&hl=en&as_sdt=0%2C5

TOTAL: 1102 CITATIONS (When citations in all languages are considered: 1160)

H-INDEKS: 14

Individual Impact factor index: 46,58 (Average citations per article)

1-Long-term consequences of early postnatal seizures on hippocampal learning and plasticity-166 citations

M Lynch, Ü Sayin, J Bownds... - European Journal of ..., 2000 - Wiley Online Library

Abstract Neural activity influences the patterning of synaptic connections and functional organization of developing sensory and motor systems, but the long-term consequences of intense neural activity such as seizures in the developing hippocampus are not ...

Cited by 165 Related articles All 4 versions Cite Save

Online ISSN: 1460-9568

2-Seizures in the Developing Brain Cause Adverse Long-term Effects on Spatial Learning and Anxiety-128 citations

U Sayin, TP Sutula, CE Stafstrom - Epilepsia, 2004 - Wiley Online Library

Summary: Purpose: Seizures in the developing brain cause less macroscopic structural damage than do seizures in adulthood, but accumulating evidence shows that seizures early in life can be associated with persistent behavioral and cognitive impairments. We ...

Cited by 123 Related articles All 5 versions Cite Save

ISSN: 1460-9568

3-Spontaneous seizures and loss of axo-axonic and axo-somatic inhibition induced by repeated brief seizures in kindled rats- 118 citations

U Sayin, S Osting, J Hagen, P Rutecki... - The Journal of ..., 2003 - Soc Neuroscience

Abstract Repeated brief seizures evoked by kindling progressively increase seizure susceptibility and eventually induce spontaneous seizures. Previous studies have demonstrated that the initial seizures evoked by kindling increase paired-pulse inhibition ...

Cited by 110 Related articles All 7 versions Cite Save

ISSN: 1460-9568

4-The effects of corticotrophin releasing factor (CRF) and handling stress on behavior in the elevated plus-maze test of anxiety 60 citations

RE Adamec, U Sayin, A Brown - Journal of Psychopharmacology, 1991 - jop.sagepub.com

Abstract The effects on rodent anxiety of corticotrophin releasing factor (CRF), common experimental stressors and the CRF receptor blocker, α -helical CRF, were measured using the hole board and elevated plus-maze tests. Centrally administered (...

Cited by 55 Related articles All 3 versions Cite Save

Print ISSN: 0269-8811 Online ISSN: 1461-7285

5-Effects of MK 801 on morphine physical dependence: attenuation and intensification. 50 citations

..., Y Dizdar, F Aricioğlu, Ü Sayin - ... Biochemistry and Behavior, 1992 -

Abstract It has previously been reported that the noncompetitive NMDA receptor antagonists ketamine and dextromethorphan suppressed the naloxone-induced morphine abstinence syndrome. In addition, the previous blockade by ketamine and dextromethorphan of ...

Cited by 50 Related articles All 6 versions Cite Save

ISSN: 0091-3057

6-Vigabatrin as an anticonvulsant against pentylenetetrazol seizures. 36 citations

Ü Sayin, S Cengiz, T Altug - Pharmacological research, 1993 - Elsevier

... Correspondence to: Dr Umit Sayin, Kiziltoprak, Istasyon Cad., 21/8, Kadikoy, Istanbul, Turkey, S1040 1043-6618/93/040325-07/\$08.00/0 ©1993 The Italian Pharmacological Society Page 2. 326 Pharmacological Research, Vol. 28, No. ...

Cited by 34 Related articles All 4 versions Cite Save

ISSN: 1043-6618

7-Group I metabotropic glutamate receptor activation produces prolonged epileptiform neuronal synchronization and alters evoked population responses in the ... 34 citations

U Sayin, PA Rutecki - Epilepsy research, 2003 - Elsevier

Glutamate activates a class of receptors coupled to G-proteins that initiate second messenger cascades, change ion channel function, cause release of calcium from intracellular stores, and produce long-term changes in synaptic strength. We used the ...

Cited by 34 Related articles All 8 versions Cite Save

ISSN: 0920-1211

8-Islamic Scientific Creationism: A New Challenge in Turkey. 35 citations

U Sayin, A Kence - Reports of the National Center for Science Education, 1999 - ERIC

Compares "being Muslim" in Turkey with other Islamic countries and describes the regime changes of the Ottoman Empire to the Turkish Republic. Explains evolution in Islamic understanding and discusses creationism's effects and evolution's place in the high ...

Cited by 32 Related articles Cite Save More

ISSN: 2159-9270

9-NMDA-dependent currents in granule cells of the dentate gyrus contribute to induction but not permanence of kindling-27 Citations

Ü Sayin, P Rutecki, T Sutula - Journal of neurophysiology, 1999 - Am Physiological Soc

Cited by 27 Related articles All 5 versions Cite Save

Print ISSN: 0022-3077 Online ISSN: 1522-1598

10-Determinants of ictal epileptiform patterns in the hippocampal slice 27 citations

PA Rutecki, U Sayin, Y Yang, E Hadar - Epilepsia, 2002 - Wiley Online Library

Summary: Purpose: The transition from an interictal to an ictal pattern of epileptiform activity is a strategic target for antiepileptic drug (AED) action. Both the muscarinic agonist pilocarpine and the selective group I metabotropic glutamate receptor (mGluR) agonist (...

Cited by 27 Related articles All 7 versions Cite Save

ISSN: 1528-1167

11-The significance of extracellular GABA in the substantia nigra of the rat during seizures and anticonvulsant treatments-26 Citations

U Sayin, W Timmerman, BHC Westerink - Brain research, 1995 - Elsevier

Cited by 26 Related articles All 6 versions Cite Save

ISSN: 0006-8993

12-Gamma-vinyl GABA reduces paired pulse inhibition in the rat dentate gyrus in vivo and in vitro-16 citations

Ü Sayin, PA Rutecki, J Mellanby, TP Sutula - Epilepsy research, 2001 - Elsevier

Gamma vinyl GABA (GVG), an irreversible GABA transaminase inhibitor, has anticonvulsant effects. GVG increases GABA levels in the brain by blocking its degradation, and is presumed to enhance GABAergic inhibition, however, in some cases it exacerbates ...

Cited by 16 Related articles All 7 versions Cite Save

ISSN: 1043-6618

13-Suppression of pilocarpine-induced ictal oscillations in the hippocampal slice 12 citations

EJ Hadar, Y Yang, U Sayin, PA Rutecki - Epilepsy research, 2002 - Elsevier

Activation of muscarinic cholinergic receptors produces oscillations in the hippocampal slice that resemble the theta rhythm, but also may produce abnormal synchronous activity that is more characteristic of epileptiform activity. We used pilocarpine, a muscarinic agonist and ...

Cited by 12 Related articles All 10 versions Cite Save

14-Effects of pilocarpine on paired pulse inhibition in the CA3 region of the rat hippocampus-7 citations.

Ü Sayin, PA Rutecki - Brain research, 1997 - Elsevier

Pilocarpine (PILO), a muscarinic agonist, produces status epilepticus when administered to rats in vivo and induces interictal or ictal patterns of epileptiform activity in rat hippocampal slices. We investigated the effects of PILO (10 μ M) on paired pulse inhibition (PPI) in the ...

Cited by 7 Related articles All 5 versions Cite Save

ISSN: 0006-8993

15-Gamma-vinyl-GABA potentiates the severity of naloxone-precipitated abstinence signs in morphine-dependent rats 7 citations

Ü SAYIN, S ATASOY, İT UZBAY... - Pharmacological ..., 1998 - Elsevier

Effects of gamma-vinyl-GABA (GVG), an antiepileptic drug that inhibits GABA transaminase and increases extracellular GABA concentrations in the brain, were investigated on the morphine abstinence syndrome (AS) in male Wistar rats. Two morphine pellets (75 mg ...

Cited by 7 Related articles All 5 versions Cite Save

ISSN: 1043-6618

16- Altered states of consciousness occurring during expanded sexual response in the human female: preliminary definitions 6 citations.

U Sayin - NeuroQuantology, 2011 - neuroquantology.com

Abstract Expanded Sexual Response (ESR) is a recently defined phenomenon. It is defined as "being able to attain long lasting and/or prolonged and/or multiple and/or sustained orgasms and/or status orgasmus that lasted longer and more intense than the classical ...

Cited by 6 Related articles All 5 versions Cite Save

ISSN: 1303 5150

17- Doors of female orgasmic consciousness: New theories on the peak experience and mechanisms of female orgasm and expanded sexual response **8 citations**

U Sayin - NeuroQuantology, 2012 - neuroquantology.com

Abstract Although there are many forms of female orgasms described in the literature, there are still debates about the female orgasmic response and no unified theory to explain those orgasmic reflexes and sexual responses have been proposed. Also, there are inconsistent ...

Cited by 6 Related articles All 7 versions Cite Save

ISSN: 1303 5150

18-HuR mRNA ligands expressed after seizure- **6 citations**

..., FA Gourronc, VB Bartleson, Ü Sayin... - ... of Neuropathology & ..., 2005 - journals.lww.com

Abstract HuR is a ubiquitously expressed AU-rich element (ARE)-binding protein that interacts with and stabilizes selective early response gene (ERG) mRNAs after cell activation or stress. To date, approximately 20 mRNAs have been unambiguously defined ...

Cited by 5 Related articles All 6 versions Cite Save

ISSN: 0022-3069

19- A Comparative Review of the Neuro-Psychopharmacology of Hallucinogen-Induced Altered States of Consciousness: The Uniqueness of Some Hallucinogens **4 citations**

U Sayin - NeuroQuantology, 2012 - neuroquantology.com

Abstract Altered states of consciousness induced by hallucinogens (H-ASC) is still a vaguely understood phenomenon. Taken the diverse psychological effects they exert, the main mechanism of action of hallucinogens; LSD, ibogaine, THC, PCP, MDMA, ...

Cited by 4 Related articles All 4 versions Cite Save

ISSN: 1303 5150

20-Does the Nervous System Have an Intrinsic Archaic Language? Entoptic Images and Phosphenes **2 citations**

HU Sayin - Neuroquantology, 2014 - neuroquantology.com

Abstract Psychoactive plants have been consumed by many cultures, cults and groups during religious rituals and ceremonies for centuries and they have been influential on the eruption of the many images, secret and religious symbols, esoteric geometrical shapes, ...

Cited by 2 Related articles All 3 versions Cite Save

ISSN: 1303 5150

21- Vigabatrin has an anxiolytic effect in the elevated plus-maze test of anxiety-**37 citations**

Ü Sayin, N Purali, T Özkan, T Altug... - Pharmacology ..., 1992 - Elsevier

γ-Vinyl GABA (vigabatrin, GVG) is a novel antiepileptic drug that irreversibly inhibits GABA transaminase and elevates GABA levels in all parts of the brain. I.

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25-Amygdala kindling and anxiety in the rat-**79 Citations**

RE Adamec - Neuroreport, 1990 - journals.lww.com

... Neurol. 99, 73-83 (1988). ACKNOWLEDGEMENTS. The technical assistance of Andrea Brown and Umit Sayin is gratefully acknowledged. The work reported was supported by a grant to Professor R. Adamec from the Medical Research Council of Canada (MRC MT- 7022). ...

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Year	Citations
1993	5
1994	8
1995	12
1996	15
1997	18
1998	22
1999	25
2000	28
2001	32
2002	35
2003	38
2004	42
2005	45
2006	48
2007	52
2008	55
2009	58
2010	55
2011	52
2012	50
2013	48
2014	45
2015	42
2016	53