



Research activities

ghasem sazegar

in Mashhad University of Medical Sciences

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General information



Name and surname : ghasem sazegar	Research categories : educational academic staff
Academic rank : Associate Professor	Last educational certificate : Doctor of Philosophy (Ph.D)
Specialty : Anatomy	School / place of work : Paramedical Sciences School
Email : SazegarGH@mums.ac.ir	

Educational background



Field of study / specialization	Degree	Year degree	University / Institute
کاردرمانی	کارشناسی	1368	دانشگاه علوم پزشکی ایران
علوم آناتومی	کارشناس ارشد	1373	دانشگاه علوم پزشکی شهید بهشتی
علوم آناتومی با گرایش جنین شناسی	دکتر (Ph.D.)	1378	دانشگاه علوم پزشکی مشهد

Career history



Role	Name and address of service		Start Date	End date	
Research Activities					
Research projects					
Row	Usercode	Title	Role	Status	Thesis
1	940558	Morphometric study of mitral and tricuspid valves annulus and sub valve apparatus and its correlations with two and three dimensional echocardiography data in Iranian population	Executive	Finished	yes
2	940072	Study of effects tricuspid valve annuloplasty with new saddle shaped convexe bar (ring) on right coronary artry	Executive	Finished	yes
3	922174	The study of Electrocauterization smoke effects on Rat nasal mucosa	Executive	Finished	no
4	922171	Effect of hydro-alcoholic extract of Teucrium polium on spermatogenesis in diabetic rats	Executive	Finished	no
5	921574	Effect of garlic and vitamin C on neuronal damage in the hippocampus cortex of rats exposed to choronic noise	Executive	Finished	yes
6	911275	The survey of hydro alcoholic Teucrium polium L. - Glibenclamid combination effects on pancreatic islet in diabetic rat	Executive	Finished	yes
7	910883	Study of the neural injury in the rat neonate's cerebellum due to emperical febrile seizure	Executive	Finished	yes
8	900956	The survey of carnitine effects on spermatogenesis in diabetic rat induced with Sterepto Zotocin	Executive	Finished	no

9	900947	The study of febrile seizure effects on the molecular alteration of apoptosis in rat pups hippocampus	Executive	Finished	yes
10	991063	The effects of exposure to silicon dioxide nanoparticles during lactation on the expression of NR2B receptors in the hippocampus of rat neonates	Colleague	Finished	yes
11	981584	The distribution pattern of some GABAergic , glutamatergic , muscarinic and adrenergic receptors on subcortical part of the auditory pathway in male newborns of diabetic rats	Colleague	Finished	yes
12	981407	Preparation of nanofiber scaffolds containing adipose derived stem cells and Hesperidin loaded nanoparticles for spinal cord injury regeneration in rat models	Colleague	The Performance	yes
13	980981	Effect of hydro-alcoholic extract of Agrimonia Eupatoria on Histopathology of Cardiac Tissue, C-reactive Protein, Telomerase Enzyme Activity, and Oxidative Stress in Aged Rats	Colleague	Finished	no
14	980796	The distribution pattern of some GABAergic, glutamatergic, muscarinic, and adrenergic receptors on subcortical part of the visual pathway in male newborns of diabetic rats	Colleague	Finished	yes
15	980777	The areal and laminar distribution pattern of some GABAergic, glutamatergic and muscarinic receptors on visual cortex in male newborns of diabetic rat	Colleague	Finished	yes

mothers						
16	970048	Evaluation of Anatomic variations of Anterolateral Thigh Flap in human fresh cadaver	Colleague	Finished	yes	
17	961293	Evaluation of anatomic variations of fibula free flap in human fresh cadavers	Colleague	Finished	yes	
18	950907	Provide a model for decision making with the aim of determining the ideal size of the tricuspid and mitral valve ring	Colleague	Finished	yes	
19	900992	The effects of Vitamin C and Garlic consumption on changes in expression of some neurogenesis and apoptosis related genes in young rat's hippocampus caused by lead exposure	Colleague	Finished	no	
20	4010387	Effect of Reseda Extract on Chromatin Quality, Mitochondrial Membrane Potential, and Sperm Parameters in Mice Treated With Methotrexate	Colleague	The Performance	yes	

Articles published in the journal



Row	Usercode	Title	International Index	Name Journal	Year of publication	author rank
1	990752	Bones and muscles of the Upper limb from the Point of View of Iranian Medicine and Its Comparative Analysis with the Anatomical Findings of Modern Medicine	ISC	نوید نو	2020	Third
2	984160	Hepatotoxicity and Nephrotoxicity Evaluation of Carob	Scopus	فصلنامه علمی- پژوهشی گیاهان دارویی	2019	Fourth

		Extract (Ceratonia siliqua) in Balb/C Mice				
3	981949	Effects of Carob Fruit Extract on Spermatogenesis, Antioxidant Status, and Apoptosis in Adult Male Mice	ISI	Pharmaceutical Sciences	2019	Third
4	972209	Effects of Electrocauterization Smoke on Nasal Mucosa in Rat	ISI	Crescent Journal of Medical and Biological Sciences	2019	Correspondent
5	972135	Morphological Characteristics of Styloid Process in Temporal Bone	ISC	نويد نو	2018	Others
6	972066	Power point or Prezi? Which one is better for anatomy education		International Journal of Multidisciplinary Research and Development	2018	Fourth
7	970038	Morphometric Study of Mitral Valve Annulus in Iran	ISI	Galen Medical Journal	2018	Correspondent
8	962471	Effect of Teucrium polium on oxidative damages and sperm parameters in diabetic rat induced with streptozotocin	ISI	INTERNATIONAL JOURNAL OF ADVANCED BIOTECHNOLOGY AND RESEARCH	2017	Correspondent
9	961282	Protective effect of hydroalcoholic extract of Teucrium polium on diabetes- induced testicular damage and serum testosterone concentration	Pubmed	INTERNATIONAL JOURNAL OF REPRODUCTIVE BIOMEDICINE	2017	Correspondent
10	961000	Effects of a 3D segmental prosthetic system	ISI	Interactive cardiovascular and thoracic surgery	2017	Third

		for tricuspid valve annulus remodelling on the right coronary artery: a human cadaveric coronary angiography study				
11	951424	Evaluation of Bax and Bcl-2 Proteins Expression in the Rat Hippocampus due to Childhood Febrile Seizure	Pubmed	iranian journal of child neurology	2016	Correspondent
12	951419	Effect of chronic noise exposure on neuron in the hippocampus of wistar rats		international journal of advanced biotechnology and research	2016	Correspondent
13	941803	The Effect of Hydro-Alcoholic Teucrium polium L. Extract with Glibenclamide Administration on Blood Glucose and Lipids in Streptozotocin- Induced Diabetic Rats.	Other specialized sites	JOURNAL OF IRANIAN CLINICAL RESEARCH	2015	Second
14	934652	A Rare Anatomical Variation of the Cervical Vertebrae Characterized by the Abnormal Fusion between C4 and C5		Global Journal of Medicine Researches and Studies	2015	Correspondent
15	934513	The Effect of Hyperthermia and Hyperthermic Seizures on Rat Infant Cerebellum Apoptosis	ISC	International Journal of Current Life Sciences	2014	Third
16	931842	Morphometric study of testis tissue and spermatogenesis	ISC	مجله دیابت و متابولیسم ایران	2014	First

		following carnitine administration in diabetic rat induced with Stereptozytocin				
17	931680	Morphometrical study of TUNEL-positive cells in the pancreatic islets of diabetic rats treated with teucrium polium L. extract and glibenclamide	ISC	International journal of current life sciences	2014	Second
18	923743	The effects of simple febrile seizure on apoptosis molecular alterations in hippocampus of rat neonates	ISC	فصلنامه علمی پژوهشی توانبخشی	2013	Correspondent
19	923741	RARE VARIATIONS IN BRANCHES OF AXILLARY ARTERY CASE REPORT	ISC	مجله پزشکی ارومیه	2013	First
20	923713	The Animal Model for Febrile Seizure Induction Using Hot Water Bath	ISC	مجله علمی دانشگاه علوم پزشکی بیرجند	2013	Correspondent
21	922635	Effect of supplemental zinc on incision wounds in rat	ISC	پژوهش در پزشکی، مجله پژوهشی دانشکده پزشکی، دانشگاه علوم پزشکی شهید بهشتی	1996	Third
22	90229	The Effects of Supplemental Zinc and Honey on Wound Healing in Rats	ISI	Iranian Journal of Basic Medical Sciences	2011	Correspondent
23	4021690	Maternal diabetes decreases the expression of α 2-adrenergic and M2	ISI	Journal of chemical neuroanatomy	2023	Others

muscarinic
receptors in the
visual cortex of
male rat neonates

24	4021672	Increased Apoptosis in Subcortical Regions of The Visual Pathway in Offspring Born to Diabetic Rats	ISI	Cell Journal	2023	Others
25	4020865	Expression of GABAA α 1, GABAB1, and mGluR2 receptors in the lateral geniculate body of male neonates born to diabetic rats	ISI	Iranian Journal of Basic Medical Sciences	2023	Others
26	4020797	Maternal diabetes decreases the expression of GABAA α 1, GABAB1, and mGlu2 receptors in the visual cortex of male rat neonates	ISI	Neuroscience Letters	2023	Others
27	4020474	The effect of maternal diabetes on the expression of gamma-aminobutyric acid and metabotropic glutamate receptors in male newborn rats' inferior colliculi	ISI	Journal of Perinatal Medicine	2023	Fifth
28	4011992	The distribution pattern of M2 and Adrenergica α 2 receptors on inferior colliculi in male newborns of diabetic rats	ISI	Neuroscience Letters	2022	Second

29	4011005	Average values for real-time two and three-dimensional echocardiographic parameters of mitral and tricuspid valves in a healthy Iranian population	Pubmed	ARYA Atherosclerosis	2023	Fourth
30	4002981	Anatomical Variations of Anterolateral Thigh Flap:A Fresh Cadaver Dissection Study	Pubmed	World Journal of Plastic Surgery	2021	Fourth

Papers presented at the conference



Row	Usercode	Title	Congress	Location Congress	Type of offer	In Congress	Provider
1	971955	Enhancement of pancreatic Beta cells in streptozotocin-induced diabetic rats using administration of Teucrium Polium L. extract	Obesity and Diabetes: From Basic Sciences to Human Interventions	Iran	Poster	2018	no
2	971729	Effects of Teucrium polium L. extract and glibenclamide on diabetes induced apoptosis in pancreatic islets of rats.	اولین کنگره بین المللی طب مکمل و جایگزین	Iran	Poster	2015	no
3	970161	Anatomical variations of Anterolateral Thigh (ALT)	16th International Congress of Oral and	Iran	Oral	2018	no

		flap: a fresh cadaver dissection study	Maxillofacial Surgeons of Iran			
4	931669	A quantitative study of Teucrium Polium-Glibenclamide combination effect on pancreatic islets in streptozotocin-induced diabetic rats.	یازدهمین کنگره علوم تشریحی ایران	Iran	Oral	no

Books published					
Row	Usercode	Title	Year of publication	Type of Pulication	
1	3166	Limbs Photoanatomy	2023	compose	
2	2883	Information for the elderly	2022	compose	
3	2254	Snell's Clinical Anatomy by regions-head & neck	2020	Translation	
4	2253	Snell's Clinical Anatomy by regions-limbs	2020	Translation	
5	2252	Snell's Clinical Anatomy by regions-trunk	2020	Translation	

Inventions						
Row	Usercode	Title	Date of Register	Registration number	Names	Creators



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