



Dr. Hamid Rajabi

Professor of Sport Physiology
Faculty of Physical Education and Sport Sciences

Educational records

#	Course	University	City	Country	Graduation Date	Total mean
1	B.S	Shahid Bahonar-KERMAN	KERMAN	IRAN	1990	17.23
2	MSc	Tehran	TEHRAN	IRAN	1993	18.92
3	PHD	Tehran	TEHRAN	IRAN	1998	19.02

Languages

#	Language	Translation Skill	Dialogue Skill
1	English	good	intermediat

Professional skills

#	Title	Date of activity
1	Track and Field coach in University of Tehran	1992
2	conditionning coach in junior Basketball national team	1994
3	conditionning coach in soccer team(Peykan)	2002

Academic & scientific positions

#	Responsibilities Titles	Name of Organization	Starting Date	Termination Date
1	Lab manager	Kharazmi university	1999	2003
2	manager of master education in faculty	Kharazmi university	2004	2008
3	vice dean for education	Kharazmi university	2008	2010
4	editor in cheif	sport sciences reserch center	2013	now
5	director of exercise physiology department	Kharazmi university	2011	2020
6	Vice dean of research in faculty	kharazmi university	2020	now

Research interests

#	Title	Start date
1	applied exercise physiology in athlete	2001
2	Neuro muscular adaptation to exercise	2011
3	adaptations to combind physical and cognitive exercise	2017
4	methodology of training in elderly people	2018
5	Novel training methods in muscle hypertrophy	2020
6	new training method in weight loss	2022

Research projects

#	Project Titles	Executers	Supportive Organization	Place of Execution	Project Situation	Completion Date
1	Description of physical fitness norms in Alborz people	hamid rajabi	SSRC	Karaj city	Running	2019
2	Description of cardiorespiratory fitness and body composition norm in Iranian university student	hamid rajabi	SSRC	Tehran	Running	2005

Theses supervised

#	Title	Persons
1	The effect of resistance training on HIF-1,SDF-1,VEGF gene expression and endothelial progenitor cell after a session of resistance exercise in the elderly	Sajad Karami
2	The effect of a beta alanine supplementation period and regular taekwondo training on anaerobic performance and metabolism substrate of endurance activity in taekwondo female players	الهه دیانتی
3	Designing anaerobic specific upper body power test for wrestling based on upper body Wingate test	مبین زیبالقا
4	The effects of different protocols of plyometric exercises as PAP on power and speed performance in athletes: A meta-analysis on post-activation potentiation studies	ایمان نیرومند
5	Evaluation the relationship between serum adropin levels and metabolic syndrome indicators in young people with different levels of physical activity	سیدسرمرد زحمت کشان
6	The effect of supramaximal isometric conditioning contractions on muscle neural excitation and function indices during bench press exercise, in trained men.	ابوالفضل کلانتری
7	The effect of functional combined exercise training and citrulline malate consumption on level of brain?derived neurotrophic factor, in men and women with neuropathy from Type 2 Diabetes	بهنام میرزایی
8	Comparison of Physiological Stress of Turbine Resistant Exercise with Conventional equipment in Leg Extension exercise	حسن مهرعلیان
9	The effect of 4 week Home-based exercise program with unstable shoes on some of the electromyographic and spatio-temporal parameters of gait and functional in related with falling in older men	سیدمحمد سیدی بیدگلی
10	Effects of adding balanced virtual reality simulation training in usual fitness programs on fitness factors and motor fitness in active individuals	علی کواکب
11	The effect of cooling down through hypoxic hypercapnia condition on the accumulation of blood lactate in elite triathletes and swim	وحید کشاورزقوایی
12	Acute Effects of Postactivation Potentiation Intensities on Corticospinal Excitability and Electrical Activity of the Muscle in Young Trained Subjects	حسن کوثری
13	The effect of combined activity by EMS & PAP method on neuromuscular responses and Sargent jump performance in active individuals	فرانز نیک نژاد
14	The effect of the PAP method and caffeine supplementation on the peripheral and central Fatiguemarkers of Vickstrom fatigue protocol in male volleyball players	مرجان شیدایی اردستانی
15	The effect of physical fitness on immune system factors and the severity of symptoms in men improved from corona	علی حسن جماشی نژاد
16	a study on the combined effect of massage therapy and yoga on quality of life and some Performance Indicators in women with migraine.	ریحانه بهفر
17	The effect of 8 weeks of combined training in the recovery period on coagulation indices of patients recovering from covid-19	محمد رحیمی
18	The effect of eight weeks of combined training in recovery period on serum IL-6 and ACE2 improved in patients with Covid disease	سهیلا بیناباجی
19	comparison of two type s occlusion resistance trainig of equal volume with different frequency pattern on hypertrophy in active men	حسین امینی
20	comparison of two types occlusion resistance training of equal volume with different frequency pattern on hypertrophy in active men	سیدسهیل علوی فومنی
21	Evaluation of Early adaptation of Cortical-Spinal Excitability and Inhibitory Pathways on Strength changes Induced by Resistance training and Detraining in inactive men;Based on Transcranial Magnetic Stimulation Approach	عارف باسره
22	The effect of aerobic training on type 2 Sodium-dependent vitamin C transporter in soleus muscle diabetic rats	اکبر قلاوند
23	The effects of aerobic exercises with blood flow restriction on cardio structure and function and E selectin in obese adolescent boys.	شهرام محمدی
24	A study of training and performance monitoring of youth league football players in the second half of the season	محمدامین فرحانی
25	The effect of combined activity by EMS & PAP method on neuromuscular responses and Sargent jump performance in active individuals	فرانز نیک نژاد
26	The effect of 8 weeks of resistance training with beta-alanine and sodium bicarbonate supplementation on muscle hypertrophy in trained adults	جمیل جعفری پوراسمعیلی
27	Evaluation the relationship between different levels of physical activity with serum inflammatory factors and stool calprotectin in adults with inflammatory bowel disease	سیدمحمد باقری خادر
28	Comparison of metabolic profiles of male taekwondo athletes with different physical fitness levels during different stages of official competitions	محسن حاتم طهرانی مقدم
29	Comparison of the Effects of Traditional Resistance Training and Fast Start HIIT-Inspired Resistance Training of the Chest Muscle on Blood Lactate, Fatigue, Pain, and Rating of Perceived Exertion in Trained Young Men	رامید روحانی بیدگلی
30	The Effect of an 8-Week Comprehensive Rehabilitation Exercise Program on Pain Intensity, Physical Fitness and Serum Inflammatory Markers in Individuals with Chronic non-specific low back pain	محمدجواد احمدی
31	Study of the relationship between selected physical fitness tests and the combined military test in men with different fitness levels	وحید میرزایی رحیمی

Theses advised

#	Title	Persons
1	The effect of glutamine supplement consumption with interval training on HSP72 response in soccer player	Sajad Karami
2	The effect of circuit training with continuous and interval EMS on some of metabolic syndrome factors, strenght and quality of life in overweight men	مأنده حاجی ابادی
3	Effect of lower limb resistance exercises with and without blood flow restriction on muscle strength, balance, and knee proprioception, in people with patellofemoral pain syndrome	سینا سعیدعسکری
4	Evaluation of the effect of a yoga exercise course in the treatment and change of balance indexes in a person with multiple sclerosis: A case study	لیلا کیانی
5	The effect of 6 weeks of cold exposure and swimming in cold water on the gene expression of tfam and PGC-1a in adipose tissue of male wistar rats	فاطمه اسلامی
6	The effect of 6 weeks of exposure to cold and swimming in cold water on the expression of genes and proteins of beta-adrenergic receptors and norepinephrine adipose tissue in male Wistar rats	حمیده بیگدلی
7	Effects of 6 weeks cold exposure and swimming in cold water on expression of FGF21 protein in adipose tissue in male Wistar rats	سارا شمس
8	Comparison effects of increasing blood flow restriction with training load on performance factors in active collegiate females	سعیده رجبی
9	the comparison of complementary with physiotherapy training on pain, quality of life and performance of patients with chronic low back pain	پریسا امیددی
10	Effects of maternal high intensity interval training prior or during pregnancy in FNDC5 gene expression and protein in EDL muscle of offspring	سحر ترابی
11	The effects of maternal high intensity interval training prior or during pregnancy on PPAR? gene expression and protein in EDL muscle of offspring male rats	بهناز قیاسی
12	The Effect of Two Types of Resistance and Aerobic Exercise on Anti-Angiogenic Factors in Diabetic Male Rats	علی اصغر قربانعلی پور
13	the Effect of Two types of resistance and aerobic training on angiogenesis factors in type2 diabetes rats	سارا ولی زاده
14	the effect of saffron supplementation and high intensity exercise training on serum VEGF, matrix metalloprotein (MMPs), endostatin and Left ventricular ejection fraction (EF) in coronary artery bypass graft surgery patients (CABG).	حسین نیک ملکی
15	Effects of 6 weeks Progressive Resistance and High Intensity Interval Training on Serum TNF? and Myocardial TLR4 Gene Expression in Male Diabetic Wistar Rats	شهاب الدین سفال منش

Course taught

#	Lesson Title	Place & Date of Lecture
1	Exercise physiology	khu
2	Advance exercise physiology	khu
3	Training theory	khu
4	Cellular adaptation in exercise	khu
5	Novel study in exercise physiology	khu
6	Applied neuro muscular adaptation in exercise	khu

Workshops contributed

#	Workshops & Courses Titles	Functional Organization	Place	Date
1	planning of resistance training in heaith and competition	Kharazmy university	faculty of sport sciences	2019
2	Oclusson training in health and competition	Kharazmy university	faculty of sport sciences	2018
3	functional training	Kharazmy university	faculty of sport sciences	2018
4	Brain conditioning in sport	Kharazmy university	faculty of sport sciences	2017

Published books

#	Title	Author(s)	Publisher	Publish Date
1	Fatigue in sport	A.gaeeni-H.-rajabi-F.ghafarian	SAMT	2017
2	Advance exercise physiology	A.gaeeni-H.mohebbi-H.rajabi-S.ahmadizad-	SAMT	2015
3	Advace physical fitness	A.azad-M.R.hamedinia-H.rajabi-A.gaeeni	SAMT	2012
4	Sport and Exercise Physiology	Z.moeeni-F.salami-F.rahmaninia-H.rajabi-H.agha alinejad	Mobtakeran	2002
5	physical fitness	A.gaeeni-H.rajabi	SAMT	2001
6	Track and Field	M.R.Bayat-B.SHadmehr-H.Rajabi-N.KHajavi	SAMT	1999

Published articles

#	Paper title	Writer	Magazine title	Publish year	Publish type	Article type
1	Development of a Cognitive-Physical Dual-Task Intervention Package and Its Effectiveness on Evidence Rate (Evidence Accumulation Speed) in Adolescent Girls	Fereshteh Arsalandeh, Maryam Mogadesin, Jafar Hasani, Hamid Rajabi	Adolescent and Youth Psychological Studies	2026	Full Text	
2	Regulation of angiogenic genes and endothelial progenitor cells following resistance training in elderly men	Mohammadali Gharaat, Sajad Karami, Mohsen Sheykhloovand, Hamid Rajabi	Sport Sciences for Health	2025	Full Text	
3	The effects of dual-task training on inflammatory biomarkers, physical performance, fatigue, and quality of life in patients with multiple sclerosis	Sara Farajnia, Hamid Rajabi, Mehran Ghaffari, Nahid Beladi-Moghadam, Rana Fayazmilani	Multiple Sclerosis and Related Disorders	2025	Full Text	
4	The relationship between quadriceps isometric strength and knee proprioception in men and women with patellofemoral pain syndrome	Sina Saeedaskari, Hassan Sadeghi, Hamid Rajabi	Sport Sciences for Health	2025	Full Text	
5	Impact of high?intensity interval training on aging?related muscle atrophy: the role of semaphorin?3a in neuromuscular junction health	Amir Bahador Dakhili, Maryam Amooei, Reza Gharakhanlou, Hamid Rajabi, Mahdieh Molanouri Shamsi	Sport Sciences for Health	2025	Full Text	
6	Co-contraction of Agonist and Antagonist Muscles Increased Corticospinal Excitability and Muscular Activity in Arm Muscles	Aref Basereh, Hamid Rajabi, hosein pirani	Zahedan Journal of Research in Medical Sciences	2025	Full Text	
7	The effect of circuit resistance training with three different intensities on muscle growth factors in obese men: a randomized controlled trial	Saber Niazi mamarabadi, Hamid Rajabi, Sadegh Amani shalamzari	Sport Sciences for Health	2025	Full Text	
8	High-Protein Time-Restricted Eating Alongside Resistance Training Reduces Adipose Tissue While Preserving Fat-Free Mass in Women With Overweight: A Randomized Controlled Trial	fatemeh bagherpour, hamid arazi, Hamid Rajabi, bill campbell	INTERNATIONAL JOURNAL OF SPORT NUTRITION AND EXERCISE METABOLISM	2025	Full Text	
9	Mental exertion causes impairments in multifinger force deficit during a handgrip strength task in older adults	Narges Kazemi, Hamidreza Barzegarpour, Hamid Rajabi, Brian C Clark, Rana Fayazmilani	JOURNALS OF GERONTOLOGY SERIES A-BIOLOGICAL SCIENCES AND MEDICAL SCIENCES	2025	Full Text	
10	Corticospinal drive modulation to agonist and antagonist arm muscles following strength training and detraining	Aref Basereh, Hamid Rajabi, Shahriar Gharibzadeh, Joel Mason, Shapour Jaberzadeh	EXPERIMENTAL BRAIN RESEARCH	2025	Full Text	
11	Hierarchical clustering approach to movement smoothness and temporal adaptation in rhythmic step aerobics training in middle aged women	Yassaman Djafari, Ahmad R. Arshi, Hamid Rajabi	Scientific Reports	2025	Full Text	
12	Effects of swimming in cold water on lipolysis indicators via fibroblast growth factor-21 in male Wistar rats	Sara Shams, MOSTAFA TAVASOLIAN, Sadegh Amani shalamzari, , Hamid Rajabi, Katja Weiss, Beat Knechtle	Biochemistry and Biophysics Reports	2024	Full Text	
13	correlating serum adropin levels with blood coagulation indices across physical activity levels in young adults	Hamid Rajabi, Seyed sarmad Zahmatkeshan,	Journal of Basic Research in Medical Sciences	2024	Full Text	
14	Effects of physical training on coagulation parameters, interleukin-6, and angiotensin-converting enzyme-2 in COVID-19 survivors	Soheila Bina baji, Mohammad Rahimi, Hamid Rajabi, Mohsen Keshavarz, Rahimeh Rahimi, , Daniel Gahreman	Scientific Reports	2024	Full Text	
15	Linear jerk variability evaluation in measurements of motor control trainability: Could kinematic variables encompass information about strength and dynamic balance?	Yassaman Djafari, Ahmad R Arshi, Hamid Rajabi	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE	2024	Full Text	
16	Effect of a session of repeated sprint training (RST) on serum adropin levels, inflammatory, and coagulation factors in healthy young men	Seyed Sarmad Zahmatkeshan, Hamid Rajabi, Mohammadamin Farhani,	journal of exercise and organ cross talk	2024	Full Text	
17	Impact of cognitive-aerobic exercise training on brain-derived neurotrophic factor, dual-tasking abilities, and mood state in individuals with multiple sclerosis	sara farajnia, Hamid Rajabi, mehran Ghaffari, nahid beladi moghadam, rana fayaz milani	PHYSIOLOGY and BEHAVIOR	2024	Full Text	
18	Effects of ultra-short race pace training (USRPT) with Beta-alanine supplementation on physical fitness in young soccer players	Mohammadamin Farhani, Hamid Rajabi, reza noumohammad	journal of exercise and organ cross talk	2024	Full Text	
19	Swimming in cold water upregulates genes involved in thermogenesis and the browning of white adipose tissues	Sara Shams, Mehdi Amirinejad, Sadegh Amani shalamzari, Hamid Rajabi, Katsuhiko Suzuki	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY and MOLECULAR BIOLOGY	2023	Full Text	
20	Effects of a 4-week plyometric training on activity patterns during different phases of one-leg drop jump with focus on jump height	Somayeh Ahmabadadi, Hamid Rajabi, Reza Gharakhanlou, Saeed Talebian, Aref Basereh	Scientific Reports	2023	Full Text	
21	High-intensity interval training protects the heart against acute myocardial infarction through SDF-1a, CXCR4 receptors, and c-kit levels	Mohsen Bapiran, Hamid Rajabi, Farinaz Nasirinezhad, Fatemeh Ramezani, Reza Ghanimati,	COMPARATIVE CLINICAL PATHOLOGY	2023	Full Text	
22	The impact of aerobic exercise training and crocin consumption on MuRf-1 level in skeletal muscle in high-fat fed ovariectomized rat models	Shokoufeh Kheradmand, Hamid Rajabi, Elahe Talebi-Garakani	COMPARATIVE CLINICAL PATHOLOGY	2023	Full Text	
23	The effect of exercise preconditioning with high-intensity interval training on cardiac protection following induction of myocardial infarction through mitochondrial dynamic changes in cardiac tissue in male rats	Azam Ahmadi, Kashef Majid, Hamid Rajabi, Salehpour Mojtaba	Archives of Sports Medicine and Physiotherapy	2023	Full Text	
24	The Effect of Four Weeks of Home-Based Exercise Program with Unstable Sandals Functional Indicators Related to Falls in Older Men	Seyed mohamad Seyedi bidgoli, Hamid Rajabi, Ali Abbasi	Journal of Clinical Physiotherapy Research	2023	Full Text	
25	Endurance training increases skeletal muscle Na/H+ exchanger1 (NHE1) and Na/HCO3 cotransporter1 (NBC1) gene and protein expressions in rats	Amirabbas Monazzami, Hamid Rajabi, Reza Ghrakhanlou, Kheirollah Yari	Gene Reports	2022	Full Text	
26	Non-local muscle fatigue is mediated at spinal and supraspinal levels	Ehsan Amiri, Reza Gharakhanlou, Hamid Rajabi, Louis-solal Giboin, Zahra Rezasoltani, Kamran Azma	EXPERIMENTAL BRAIN RESEARCH	2022	Full Text	
27	High-intensity interval training improves fat oxidation during submaximal exercise in active young men	, Hamid Rajabi, J.S. Baker	Comparative Exercise Physiology	2022	Full Text	

28	Effects of exercise preconditioning on NLRP3 and mitochondrial fission in isoproterenol-induced myocardial infarcted rats	azam ahmadi, majid kashef, Hamid Rajabi, mojtaba salehpour	COMPARATIVE CLINICAL PATHOLOGY	2022	Full Text	
29	Effects of functional training with blood occlusion on the irisin, follistatin, and myostatin myokines in elderly men	Fatemeh Pazokian, Sadegh Amani shalamzari, Hamid Rajabi	European Review of Aging and Physical Activity	2022	Full Text	
30	effect of a 4-week fish oil supplementation on neuromuscular performance after exhaustive exercise in young healthy men	abdollah sarajian, maryam nourshahi, E lavoy, davood eliaspour, Hamid Rajabi, reza zekri kondalaji	Comparative Exercise Physiology	2021	Full Text	
31	Exercise training ameliorates cognitive dysfunction in amyloid beta-injected rat model: possible mechanisms of Angiostatin/VEGF signaling	Ali asghar Zarezhadeh, Junyoung Hong, Jonghae Lee, Hamid Rajabi, Reza Gharakhanlu, Naser Naghdi, Mohammad Azimi, Yoonjung park	METABOLIC BRAIN DISEASE	2021	Full Text	
32	Effects of ADIPOQ Gene Polymorphisms on Combined Training - induced Weight Loss of Obese Boys	aliakbar jahandideh, Hamid Rajabi, hadi rohani, mohammad shariatzadeh	European Journal of Molecular and Clinical Medicine	2021	Full Text	
33	Associations between physical activity levels with nutritional status, physical fitness and biochemical indicators in older adults	Hamid Rajabi, mostafa saboori, Elaheh Hatami	Clinical Nutrition ESPEN	2021	Full Text	
34	Designing an Advanced Physical Fitness Assessment Software for Various Social Classes in Iran	seyyed kazem mousavi sadati, Hamid Rajabi	Journal of Exercise and Health Science	2021	Full Text	
35	LEP and LEPR polymorphisms influences anthropometric outcome in response to 8 weeks of combined training in obese boys	ali akbar jahandideh, hadi rohani, Hamid Rajabi, mohammad shariatzadeh, sahar razmjou	Journal of Contemporary Medical Sciences	2021	Full Text	
36	Exercise modulates the level of growth inhibitor genes before and after multiple sclerosis	seyed hotan shahidi, mohammad reza kordi, Hamid Rajabi, christer malm, farhan shah, amir hossein saffar kohne chuchan	JOURNAL OF NEUROIMMUNOLOGY	2020	Full Text	
37	The effect of preconditioning with high intensity training on tissue levels of G-CSE, its receptor and C-kit after an acute cardiac infarction in male rats. myo	Reza Ghanimati, Hamid Rajabi, fatemeh ramezani, , Mohsen Bapiran, farinaz nasirinezhad	BMC Cardiovascular Disorders	2020	Full Text	
38	Occlusion Training During Specific Futsal Training Improves Aspects of Physiological and Physical Performance	Sadegh Amani shalamzari, Ali SARIKHANI, Paton Carl, Hamid Rajabi, bayati mahdi, Pantelis Theodoros Nikolaidis , Beat Knechtle	Journal of Sports Science and Medicine	2020	Full Text	
39	The effects of eight weeks high intensity interval training vs. continuous moderate intensity training on plasma Dickkopf-1 and glycemic control in patients with type 2 diabetes	Maryam Rahimi saghand, Hamid Rajabi, , ashrafsadat hoseini	Annals of Applied Sport Science	2020	Full Text	
40	High?intensity interval training increases myocardial levels of Klotho and protects the heart against ischaemia-reperfusion injury	, fatemeh ramezani, farinaz nasirinezhad, Hamid Rajabi	EXPERIMENTAL PHYSIOLOGY	2020	Full Text	
41	Functional training with blood occlusion influences muscle quality indices in older adults	Sima Bigdeli, Mohamad hossin Dehghanyan, Sadegh Amani shalamzari, Hamid Rajabi, Daniel E. Gahreman	ARCHIVES OF GERONTOLOGY AND GERIATRICS	2020	Full Text	
42	ASICs are required for immediate exercise-induced muscle pain and are downregulated in sensory neurons by exercise training	khataie tahsin, Anne Marie S Harding, Mahyar Janahmadi, Maram El-Geneidy, Hamid Agha-Alinejad, Hamid Rajabi, peter m, Kathleen A Sluka, Christopher J Benson	JOURNAL OF APPLIED PHYSIOLOGY	2020	Full Text	
43	The effect of 6 weeks of high intensity interval training on myelin biomarkers and demyelination in experimental autoimmune encephalomyelitis model	Farahmand Fattaneh, Maryam Nourshahi, Maryam Soleimani, Hamid Rajabi, Kevin.E Power	JOURNAL OF NEUROIMMUNOLOGY	2020	Full Text	
44	Influence of the maternal high-intensity-interval-training on the cardiac Sirt6 and lipid profile of the adult male offspring in rats	Reyhane Mohamadkhani, Neda khaledi Khaledi, Hamid Rajabi, Iraj Salehi, Alireza Komaki	PLoS One	2020	Full Text	
45	Effect of Aerobic Training and L-carnitine on MDA, GPX and Hippocampal Neurogenesis in Diabetic Rats	Alireza Shahsavari, Hamid Rajabi, reza gharakhanlou,	Iranian Journal of Diabetes and Obesity	2020	Full Text	
46	Regulation of PI3K and Hand2 gene on physiological hypertrophy of heart following high-intensity interval, and endurance training	MohammadAli Gharaat, Majid Kashef, Behnam Jameie, Hamid Rajabi	Journal of Research in Medical Sciences	2019	Full Text	
47	The greater effect of high-intensity interval training versus moderate-intensity continuous training on cardioprotection against ischemia-reperfusion injury through Klotho levels and attenuate of myocardial TRPC6 expression	, Hamid Rajabi, Fatemeh Ramezani, Nasim Naderi, Amir Darbandi-Azar, Farinaz Nasirinezhad	BMC Cardiovascular Disorders	2019	Full Text	
48	Blood Flow Restriction During Futsal Training Increases Muscle Activation and Strength	Sadegh Amani shalamzari, Farid Farhani, Hamid Rajabi, Ali Abbasi, Ali SARIKHANI, carl paton, mahdi bayati, Daniel Berdejo-del-Fresno, Thomas Rosemann, Pantelis Theodoros Nikolaidis, Beat Knechtle	Frontiers in Physiology	2019	Full Text	
49	Increased Expression of miR-1 in Fast-Twitch Skeletal Muscle in Response to Resistance Exercise	Mohammad Fathi, Reza Gharakhanlou, Masoud Soleimani, Hamid Rajabi	Iranian Red Crescent Medical Journal	2019	Full Text	
50	The healing effect of bone marrow-derived stem cells and aquatic activity in Achilles tendon injury	H. SHEIKHANI-SHAHIN, D. MEHRABANI, M. J. ASHRAF, Hamid Rajabi, M. NOROUZIAN, F. RAHMANIFAR, S. DEGHANI NAZHVANI, S. ZARE	Journal of the Hellenic Veterinary Medical Society	2019	Full Text	
51	The effect of reduced neuromuscular activity on class IIa histone deacetylase and selected downstream pathways	Amir bahador Dakhili, Reza Gharakhanlou, Mahdieh Molanouri, Hamid Rajabi	International Journal of Basic Science in Medicine	2018	Full Text	
52	Effects of 8-Week Home-Based Yoga and Resistance Training on Muscle Strength, Functional Capacity and Balance in Patients with Multiple Sclerosis: A Randomized Controlled Study	Sayedeh Hosseini, Hamid Rajabi, mohammad ali sahraian, mahbubeh moradi, keivan mehri, maryam abolhasani	Asian Journal of Sports Medicine	2018	Full Text	
53	The Effects of 10-Week Aerobic-cognitive Combined Training on Serum Levels of High Sensitivity C-reactive Protein, Anti-cardiolipin antibodies, and Mental Status of Female Patients With Lupus Erythematosus Systemic: A Preliminary Study	zahra azarpira, Hamid Rajabi, afkham daneshvar, seyedeh tahereh faezi	journal of modern rehabilitation	2018	Full Text	
54	swimming training attenuates allodynia and hyperalgesia induced by peripheral nerve injury in an adult male rat neuropathic model. effects on irisin and GAD65	Babak Farzad, Hamid Rajabi, reza gharakhanlou, David Allison, parisa hayat, seyed behnamedin jameie	PAIN MEDICINE	2017	Full Text	
55	modulation of oxidative and glycolytic muscle fibers NA/H exchanger1(NHE1) and NA/HCO3 co-transporter1(NBC1) genes	abbas monazzami, Hamid Rajabi, reza gharakhanlou, k vadi zehimi	CELLULAR AND MOLECULAR BIOLOGY	2017	Full Text	

	exchange (F1NF1) and Na ⁺ /K ⁺ cotransporter (F1NF1) genes	year, 2011	BIOLOGY		TEXT	
56	protection of hippocampal CA1 neurons against ischemia/reperfusion injury by exercise preconditioning via modulation of BAX/BCL2 ratio and prevention of caspase-3 activation	nahid aboutaleb, nabi shamsaei, Hamid Rajabi, mehdi khaksari, sohaila erfani, nikbakht farnaz, , ali shahbazi	Basic and Clinical Neuroscience	2016	Full Text	
57	Can Resistance Exercise Alter Irisin Levels and Expression Profiles of FNDC5 and UCP1 in Rats	Jalil Reisi, Kamran Ghaedi, Hamid Rajabi, Sayyed Mohammad Marandi	Asian Journal of Sports Medicine	2016	Full Text	
58	The effect of high intensity interval training on cardio protection against ischemia-reperfusion injury in wistar rats	mostafa rahimi, shahnaz shekarforoush, ali reza asgari, ali khoshbaten, Hamid Rajabi, behzad bazgir, mohammad taghi mohammadi, vahid sobhani, abolfazl shakibaei	EXCLI Journal	2015	Full Text	
59	Exercise preconditioning exhibits neuroprotective effects neuroprotective effects on hippocampal CA1 neuronal damage after cerebral ischemia	Hamid Rajabi	Neural Regeneration Research	2015	Full Text	
60	The effect of local cooling on knee joint position sense in healthy trained young females	Fereshteh Eftekhari, Heydar Sadeghi, Hamid Rajabi, Raghad Mimar, kazemnezhad leili Anoshiravan	international journal of sport studies	2015	Full Text	
61	effects of 12 weeks of interval versus continuous aerobic exercise on some new risk factor of cardiovascular disease in overweight female students	elham shamsnia, Hamid Rajabi, hassan ehtram	International Journal of Pharmacognosy and Phytochemical Research	2014	Full Text	
62	cognitive function and acute aerobic exercise intensitiesinvestigating the role of individual different in working memory capacity	mohammad maleki, Abbas Bahram, Hamid Rajabi, ahmad farrokhi	international journal of sport studies	2013	Full Text	

Presented articles

#	Title	Writer	Conference	Date	Presentation type
1	swimming in cold water reduces the volume of fat cells through the increase of FGF21 and UCP1 in adipose tissues	Sara Shams, Sadegh Amani shalamzari, Hamid Rajabi	- Iran	1394/12/12	Oral