Arya Haj-Mirzaian

List of Publications by Year
in descending order

91 papers	16,364 citations	117625 34 h-index	43889 91 g-index
92 all docs	92 docs citations	92 times ranked	25630 citing authors

#	Article	IF	Citations
1	Association Between Race and Radiographic, Symptomatic, and Clinical Hand Osteoarthritis: A Propensity Score–Matched Study Using Osteoarthritis Initiative Data. Arthritis and Rheumatology, 2022, 74, 453-461.	5.6	12
2	Statin use and MRI subchondral bone marrow lesion worsening in generalized osteoarthritis: longitudinal analysis from Osteoarthritis Initiative data. European Radiology, 2022, 32, 3944-3953.	4.5	6
3	Patient Experience Scores for Radiologists: Comparison with Nonradiologist Physicians and Changes After Public Posting in an Institutional Online Provider Directory. American Journal of Roentgenology, 2022, , .	2.2	3
4	Kinematic Tibiofibular Syndesmotic Measurements as Indicators of Tibiotalar Osteoarthritis: Exploratory Analysis Using 4-Dimensional Computed Tomography. Journal of Computer Assisted Tomography, 2022, 46, 633-637.	0.9	2
5	Kneeling as a risk factor of patellofemoral joint cartilage damage worsening: an exploratory analysis on the Osteoarthritis Initiative. European Radiology, 2021, 31, 2601-2609.	4.5	3
6	Association between Patellofemoral and medial Tibiofemoral compartment osteoarthritis progression: exploring the effect of body weight using longitudinal data from osteoarthritis initiative (OAI). Skeletal Radiology, 2021, 50, 1845-1854.	2.0	5
7	Evidence-based use of clinical examination, ultrasonography, and MRI for diagnosing ulnar collateral ligament tears of the metacarpophalangeal joint of the thumb: systematic review and meta-analysis. European Radiology, 2021, 31, 5699-5712.	4.5	10
8	Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 1593-1618.	13.7	92
9	Web-based Radiology Subspecialty Training Program: Pilot Feasibility and Effectiveness Analysis on Ethiopian Radiologists. Academic Radiology, 2020, 27, 293-299.	2.5	5
10	Patellofemoral morphology measurements and their associations with tibiofemoral osteoarthritis-related structural damage: exploratory analysis on the osteoarthritis initiative. European Radiology, 2020, 30, 128-140.	4.5	15
11	Musculoskeletal Radiology Reports: Overlooked or Valuable?. Journal of Digital Imaging, 2020, 33, 348-354.	2.9	4
12	Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. Lancet Infectious Diseases, The, 2020, 20, 37-59.	9.1	104
13	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. Lancet Infectious Diseases, The, 2020, 20, 60-79.	9.1	95
14	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2020, 5, 17-30.	8.1	1,200
15	Value of multidisciplinary collaboration in acute and chronic pancreatitis. Abdominal Radiology, 2020, 45, 1458-1467.	2.1	8
16	Pitfalls in the MDCT of pancreatic cancer: strategies for minimizing errors. Abdominal Radiology, 2020, 45, 457-478.	2.1	15
17	Optimal Choice of Ultrasound-Based Measurements for the Diagnosis of Ulnar Neuropathy at the Elbow: A Meta-Analysis of 1961 Examinations. American Journal of Roentgenology, 2020, 215, 1171-1183.	2.2	6
18	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1160-1203.	13.7	890

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19	The potential role of very small embryonic-like stem cells in the neuroinflammation induced by social isolation stress: Introduction of a new paradigm. Brain Research Bulletin, 2020, 163, 21-30.	3.0	5
20	Association Between MRI-Based Tibial Slope Measurements and Mucoid Degeneration of the Anterior Cruciate Ligament: A Propensity Score–Matched Case-Control Study. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712096280.	1.7	11
21	Lateral patellar tilt and its longitudinal association with patellofemoral osteoarthritis-related structural damage: Analysis of the osteoarthritis initiative data. Knee, 2020, 27, 1971-1979.	1.6	8
22	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17. The Lancet Global Health, 2020, 8, e1038-e1060.	6.3	23
23	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 1779-1801.	13.7	72
24	Use of Advanced Imaging for Radiographically Occult Hip Fracture in Elderly Patients: A Systematic Review and Meta-Analysis. Radiology, 2020, 296, 521-531.	7.3	17
25	Deep learning risk assessment models for predicting progression of radiographic medial joint space loss over a 48-MONTH follow-up period. Osteoarthritis and Cartilage, 2020, 28, 428-437.	1.3	37
26	Global, regional, and national burden of chronic kidney disease, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 709-733.	13.7	2,858
27	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i27-i35.	2.4	67
28	Updates on Imaging of Liver Tumors. Current Oncology Reports, 2020, 22, 46.	4.0	10
29	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. Injury Prevention, 2020, 26, i12-i26.	2.4	44
30	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. Lancet Oncology, The, 2019, 20, 1211-1225.	10.7	199
31	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2019, 4, 913-933.	8.1	259
32	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	27.8	161
33	Heberden's Nodes and Knee Osteoarthritis–Related Osseous Structural Damage: Exploratory Study From the Osteoarthritis Initiative. Arthritis and Rheumatology, 2019, 71, 935-940.	5.6	2
34	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. Lancet HIV,the, 2019, 6, e831-e859.	4.7	341
35	Statin Use and Knee Osteoarthritis Outcome Measures according to the Presence of Heberden Nodes: Results from the Osteoarthritis Initiative. Radiology, 2019, 293, 396-404.	7.3	33
36	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. JAMA Oncology, 2019, 5, 1749.	7.1	1,691

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37	"Worst Headache of Life" in a Migraineur: Marginal Value of Emergency Department CT Scanning. Journal of the American College of Radiology, 2019, 16, 683-690.	1.8	5
38	Global, regional, and national burden of stroke, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 439-458.	10.2	2,005
39	Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 459-480.	10.2	2,625
40	Global, regional, and national burden of epilepsy, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 357-375.	10.2	526
41	Activation of ATP-sensitive K-channel promotes the anticonvulsant properties of cannabinoid receptor agonist through mitochondrial ATP level reduction. Epilepsy and Behavior, 2019, 93, 1-6.	1.7	8
42	Kinematic Analysis of the Distal Radioulnar Joint in Asymptomatic Wrists Using 4-Dimensional Computed Tomography–Motion Pattern and Interreader Reliability. Journal of Computer Assisted Tomography, 2019, 43, 392-398.	0.9	7
43	Image-Guided Chondrocyte Harvesting for Autologous Chondrocyte Implantation. JBJS Open Access, 2019, 4, e0039.	1.5	1
44	Involvement of opioid system in behavioral despair induced by social isolation stress in mice. Biomedicine and Pharmacotherapy, 2019, 109, 938-944.	5.6	31
45	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine,the, 2019, 7, 69-89.	10.7	326
46	Association of patella alta with worsening of patellofemoral osteoarthritis-related structural damage: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2019, 27, 278-285.	1.3	21
47	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 56-87.	10.2	1,064
48	Brief Report: Association of Quantitative and Topographic Assessment of Heberden's Nodes With Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis and Rheumatology, 2018, 70, 1234-1239.	5.6	5
49	Superolateral Hoffa's fat pad (SHFP) oedema and patellar cartilage volume loss: quantitative analysis using longitudinal data from the Foundation for the National Institute of Health (FNIH) Osteoarthritis Biomarkers Consortium. European Radiology, 2018, 28, 4134-4145.	4.5	13
50	Involvement of NO/NMDA-R pathway in the behavioral despair induced by amphetamine withdrawal. Brain Research Bulletin, 2018, 139, 81-90.	3.0	31
51	Tibial tuberosity to trochlear groove distance and its association with patellofemoral osteoarthritis-related structural damage worsening: data from the osteoarthritis initiative. European Radiology, 2018, 28, 4669-4680.	4.5	15
52	Maternal exposure to silver nanoparticles are associated with behavioral abnormalities in adulthood: Role of mitochondria and innate immunity in developmental toxicity. NeuroToxicology, 2018, 66, 66-77.	3.0	37
53	Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: involvement of nitric oxide and *N*-methyl-d-aspartate receptor. Canadian Journal of Physiology and Pharmacology, 2018, 96, 742-750.	1.4	13
54	Role of toll-like receptors in inflammatory bowel disease. Pharmacological Research, 2018, 129, 204-215.	7.1	95

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55	Acute foot-shock stress decreased seizure susceptibility against pentylenetetrazole-induced seizures in mice: Interaction between endogenous opioids and cannabinoids. Epilepsy and Behavior, 2018, 87, 25-31.	1.7	6
56	Mitochondrial dysfunction bridges negative affective disorders and cardiomyopathy in socially isolated rats: Pros and cons of fluoxetine. World Journal of Biological Psychiatry, 2017, 18, 39-53.	2.6	41
57	Protective effects of gabapentin against the seizure susceptibility and comorbid behavioral abnormalities in the early socially isolated mice. European Journal of Pharmacology, 2017, 797, 106-114.	3.5	15
58	Activation of cannabinoid receptors elicits antidepressant-like effects in a mouse model of social isolation stress. Brain Research Bulletin, 2017, 130, 200-210.	3.0	29
59	Oxytocin mitigated the depressive-like behaviors of maternal separation stress through modulating mitochondrial function and neuroinflammation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 76, 169-178.	4.8	123
60	Diagnosis and Characterization of Patellofemoral Instability: Review of Available Imaging Modalities. Sports Medicine and Arthroscopy Review, 2017, 25, 64-71.	2.3	25
61	Experiencing neonatal maternal separation increased pain sensitivity in adult male mice: Involvement of oxytocinergic system. Neuropeptides, 2017, 61, 77-85.	2.2	32
62	Anxiety- and Depressive-Like Behaviors are Associated with Altered Hippocampal Energy and Inflammatory Status in a Mouse Model of Crohn's Disease. Neuroscience, 2017, 366, 124-137.	2.3	61
63	Streptozotocin induced oxidative stress, innate immune system responses and behavioral abnormalities in male mice. Neuroscience, 2017, 340, 373-383.	2.3	35
64	Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. Brain Research Bulletin, 2016, 124, 150-163.	3.0	45
65	NMDA receptors are involved in the antidepressant-like effects of capsaicin following amphetamine withdrawal in male mice. Neuroscience, 2016, 329, 122-133.	2.3	32
66	Lithium attenuates the proconvulsant effect of adolescent social isolation stress via involvement of the nitrergic system. Epilepsy and Behavior, 2016, 61, 6-13.	1.7	17
67	Tropisetron suppresses colitis-associated cancer in a mouse model in the remission stage. International Immunopharmacology, 2016, 36, 9-16.	3.8	19
68	Involvement of D1 and D2 dopamine receptors in the antidepressant-like effects of selegiline in maternal separation model of mouse. Physiology and Behavior, 2016, 163, 107-114.	2.1	52
69	Lithium attenuated the behavioral despair induced by acute neurogenic stress through blockade of opioid receptors in mice. Biomedicine and Pharmacotherapy, 2016, 83, 1006-1015.	5.6	7
70	Involvement of opioid system in antidepressant-like effect of the cannabinoid CB_1 receptor inverse agonist AM-251 after physical stress in mice. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 203-212.	1.9	32
71	Fluoxetine reverses the behavioral despair induced by neurogenic stress in mice: role of N-methyl-d-aspartate and opioid receptors. Canadian Journal of Physiology and Pharmacology, 2016, 94, 599-612.	1.4	34
72	Involvement of NO/cGMP pathway in the antidepressant-like effect of gabapentin in mouse forced swimming test. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 393-402.	3.0	18

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73	Involvement of N-methyl-d-aspartate receptors in the antidepressant-like effect of 5-hydroxytryptamine 3 antagonists in mouse forced swimming test and tail suspension test. Pharmacology Biochemistry and Behavior, 2016, 141, 1-9.	2.9	37
74	Involvement of nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of tropisetron and ondansetron in mice forced swimming test and tail suspension test. European Journal of Pharmacology, 2016, 780, 71-81.	3.5	35
75	NMDA receptor antagonists attenuate the proconvulsant effect of juvenile social isolation in male mice. Brain Research Bulletin, 2016, 121, 158-168.	3.0	18
76	Morphine Attenuated the Cytotoxicity Induced by Arsenic Trioxide in H9c2 Cardiomyocytes. Biological Trace Element Research, 2016, 173, 132-139.	3.5	12
77	Lithium attenuated the depressant and anxiogenic effect of juvenile social stress through mitigating the negative impact of interlukin-1β and nitric oxide on hypothalamic–pituitary–adrenal axis function. Neuroscience, 2016, 315, 271-285.	2.3	40
78	The role of PPAR-gamma receptor in pruritus. European Journal of Pharmacology, 2015, 762, 322-325.	3.5	7
79	Proconvulsant effect of post-weaning social isolation stress may be associated with dysregulation of opioid system in the male mice. Medical Hypotheses, 2015, 84, 445-447.	1.5	10
80	Blockade of NMDA receptors reverses the depressant, but not anxiogenic effect of adolescence social isolation in mice. European Journal of Pharmacology, 2015, 750, 160-166.	3.5	49
81	Evidence for the involvement of NMDA receptors in the antidepressant-like effect of nicotine in mouse forced swimming and tail suspension tests. Psychopharmacology, 2015, 232, 3551-3561.	3.1	50
82	Renal Sympathetic Denervation by CT-scan-Guided Periarterial Ethanol Injection in Sheep. CardioVascular and Interventional Radiology, 2015, 38, 977-984.	2.0	4
83	5-HT3 receptors antagonists reduce serotonin-induced scratching in mice. Fundamental and Clinical Pharmacology, 2015, 29, 310-315.	1.9	16
84	Co-occurrence of anxiety and depressive-like behaviors following adolescent social isolation in male mice; possible role of nitrergic system. Physiology and Behavior, 2015, 145, 38-44.	2.1	91
85	Elevated level of nitric oxide mediates the anti-depressant effect of rubidium chloride in mice. European Journal of Pharmacology, 2015, 762, 411-418.	3.5	55
86	Experiencing neonatal maternal separation increased the seizure threshold in adult male mice: Involvement of the opioid system. Epilepsy and Behavior, 2015, 52, 37-41.	1.7	24
87	Morphine modulates the effects of histamine H1 and H3 receptors on seizure susceptibility in pentylenetetrazole-induced seizure model of mice. European Journal of Pharmacology, 2015, 769, 43-47.	3.5	16
88	Tropisetron attenuated the anxiogenic effects of social isolation by modulating nitrergic system and mitochondrial function. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2464-2475.	2.4	41
89	Opioid/NMDA receptors blockade reverses the depressant-like behavior of foot shock stress in the mouse forced swimming test. European Journal of Pharmacology, 2014, 735, 26-31.	3.5	52
90	Involvement of the nitrergic system in the proconvulsant effect of social isolation stress in male mice. Epilepsy and Behavior, 2014, 41, 158-163.	1.7	31

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91	Resistance to depression through interference of opioid and nitrergic systems in bile-duct ligated mice. European Journal of Pharmacology, 2013, 708, 38-43.	3.5	12