

# Arya Haj-Mirzaian

## List of Publications by Year in descending order

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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	Global, regional, and national burden of chronic kidney disease, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020, 395, 709-733.	13.7	2,858
2	Global, regional, and national burden of neurological disorders, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 459-480.	10.2	2,625
3	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 439-458.	10.2	2,005
4	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. <i>JAMA Oncology</i> , 2019, 5, 1749.	7.1	1,691
5	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 17-30.	8.1	1,200
6	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 56-87.	10.2	1,064
7	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950â€“2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1160-1203.	13.7	890
8	Global, regional, and national burden of epilepsy, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 357-375.	10.2	526
9	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“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. <i>Lancet HIV,the</i> , 2019, 6, e831-e859.	4.7	341
10	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine,the</i> , 2019, 7, 69-89.	10.7	326
11	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 913-933.	8.1	259
12	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology, The</i> , 2019, 20, 1211-1225.	10.7	199
13	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
14	Oxytocin mitigated the depressive-like behaviors of maternal separation stress through modulating mitochondrial function and neuroinflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 169-178.	4.8	123
15	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. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 37-59.	9.1	104
16	Role of toll-like receptors in inflammatory bowel disease. <i>Pharmacological Research</i> , 2018, 129, 204-215.	7.1	95
17	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. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 60-79.	9.1	95
18	Global, regional, and national mortality among young people aged 10â€“24 years, 1950â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 1593-1618.	13.7	92

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19	Co-occurrence of anxiety and depressive-like behaviors following adolescent social isolation in male mice; possible role of nitrergic system. <i>Physiology and Behavior</i> , 2015, 145, 38-44.	2.1	91
20	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000â€“17: analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2020, 395, 1779-1801.	13.7	72
21	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i27-i35.	2.4	67
22	Anxiety- and Depressive-Like Behaviors are Associated with Altered Hippocampal Energy and Inflammatory Status in a Mouse Model of Crohnâ€™s Disease. <i>Neuroscience</i> , 2017, 366, 124-137.	2.3	61
23	Elevated level of nitric oxide mediates the anti-depressant effect of rubidium chloride in mice. <i>European Journal of Pharmacology</i> , 2015, 762, 411-418.	3.5	55
24	Opioid/NMDA receptors blockade reverses the depressant-like behavior of foot shock stress in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , 2014, 735, 26-31.	3.5	52
25	Involvement of D1 and D2 dopamine receptors in the antidepressant-like effects of selegiline in maternal separation model of mouse. <i>Physiology and Behavior</i> , 2016, 163, 107-114.	2.1	52
26	Evidence for the involvement of NMDA receptors in the antidepressant-like effect of nicotine in mouse forced swimming and tail suspension tests. <i>Psychopharmacology</i> , 2015, 232, 3551-3561.	3.1	50
27	Blockade of NMDA receptors reverses the depressant, but not anxiogenic effect of adolescence social isolation in mice. <i>European Journal of Pharmacology</i> , 2015, 750, 160-166.	3.5	49
28	Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. <i>Brain Research Bulletin</i> , 2016, 124, 150-163.	3.0	45
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. <i>Injury Prevention</i> , 2020, 26, i12-i26.	2.4	44
30	Tropisetron attenuated the anxiogenic effects of social isolation by modulating nitrergic system and mitochondrial function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2464-2475.	2.4	41
31	Mitochondrial dysfunction bridges negative affective disorders and cardiomyopathy in socially isolated rats: Pros and cons of fluoxetine. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 39-53.	2.6	41
32	Lithium attenuated the depressant and anxiogenic effect of juvenile social stress through mitigating the negative impact of interleukin-1 $\beta$ and nitric oxide on hypothalamicâ€“pituitaryâ€“adrenal axis function. <i>Neuroscience</i> , 2016, 315, 271-285.	2.3	40
33	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. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 141, 1-9.	2.9	37
34	Maternal exposure to silver nanoparticles are associated with behavioral abnormalities in adulthood: Role of mitochondria and innate immunity in developmental toxicity. <i>NeuroToxicology</i> , 2018, 66, 66-77.	3.0	37
35	Deep learning risk assessment models for predicting progression of radiographic medial joint space loss over a 48-MONTH follow-up period. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 428-437.	1.3	37
36	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. <i>European Journal of Pharmacology</i> , 2016, 780, 71-81.	3.5	35

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37	Streptozotocin induced oxidative stress, innate immune system responses and behavioral abnormalities in male mice. <i>Neuroscience</i> , 2017, 340, 373-383.	2.3	35
38	Fluoxetine reverses the behavioral despair induced by neurogenic stress in mice: role of N-methyl-D-aspartate and opioid receptors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 599-612.	1.4	34
39	Statin Use and Knee Osteoarthritis Outcome Measures according to the Presence of Heberden Nodes: Results from the Osteoarthritis Initiative. <i>Radiology</i> , 2019, 293, 396-404.	7.3	33
40	NMDA receptors are involved in the antidepressant-like effects of capsaicin following amphetamine withdrawal in male mice. <i>Neuroscience</i> , 2016, 329, 122-133.	2.3	32
41	Involvement of opioid system in antidepressant-like effect of the cannabinoid CB <sub>1</sub> receptor inverse agonist AM <sub>251</sub> after physical stress in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 203-212.	1.9	32
42	Experiencing neonatal maternal separation increased pain sensitivity in adult male mice: Involvement of oxytocinergic system. <i>Neuropeptides</i> , 2017, 61, 77-85.	2.2	32
43	Involvement of the nitergic system in the proconvulsant effect of social isolation stress in male mice. <i>Epilepsy and Behavior</i> , 2014, 41, 158-163.	1.7	31
44	Involvement of NO/NMDA-R pathway in the behavioral despair induced by amphetamine withdrawal. <i>Brain Research Bulletin</i> , 2018, 139, 81-90.	3.0	31
45	Involvement of opioid system in behavioral despair induced by social isolation stress in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 938-944.	5.6	31
46	Activation of cannabinoid receptors elicits antidepressant-like effects in a mouse model of social isolation stress. <i>Brain Research Bulletin</i> , 2017, 130, 200-210.	3.0	29
47	Diagnosis and Characterization of Patellofemoral Instability: Review of Available Imaging Modalities. <i>Sports Medicine and Arthroscopy Review</i> , 2017, 25, 64-71.	2.3	25
48	Experiencing neonatal maternal separation increased the seizure threshold in adult male mice: Involvement of the opioid system. <i>Epilepsy and Behavior</i> , 2015, 52, 37-41.	1.7	24
49	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	6.3	23
50	Association of patella alta with worsening of patellofemoral osteoarthritis-related structural damage: data from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 278-285.	1.3	21
51	Tropisetron suppresses colitis-associated cancer in a mouse model in the remission stage. <i>International Immunopharmacology</i> , 2016, 36, 9-16.	3.8	19
52	Involvement of NO/cGMP pathway in the antidepressant-like effect of gabapentin in mouse forced swimming test. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 393-402.	3.0	18
53	NMDA receptor antagonists attenuate the proconvulsant effect of juvenile social isolation in male mice. <i>Brain Research Bulletin</i> , 2016, 121, 158-168.	3.0	18
54	Lithium attenuates the proconvulsant effect of adolescent social isolation stress via involvement of the nitergic system. <i>Epilepsy and Behavior</i> , 2016, 61, 6-13.	1.7	17

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55	Use of Advanced Imaging for Radiographically Occult Hip Fracture in Elderly Patients: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2020, 296, 521-531.	7.3	17
56	5-HT <sub>3</sub> receptors antagonists reduce serotonin-induced scratching in mice. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 310-315.	1.9	16
57	Morphine modulates the effects of histamine H1 and H3 receptors on seizure susceptibility in pentylenetetrazole-induced seizure model of mice. <i>European Journal of Pharmacology</i> , 2015, 769, 43-47.	3.5	16
58	Protective effects of gabapentin against the seizure susceptibility and comorbid behavioral abnormalities in the early socially isolated mice. <i>European Journal of Pharmacology</i> , 2017, 797, 106-114.	3.5	15
59	Tibial tuberosity to trochlear groove distance and its association with patellofemoral osteoarthritis-related structural damage worsening: data from the osteoarthritis initiative. <i>European Radiology</i> , 2018, 28, 4669-4680.	4.5	15
60	Patellofemoral morphology measurements and their associations with tibiofemoral osteoarthritis-related structural damage: exploratory analysis on the osteoarthritis initiative. <i>European Radiology</i> , 2020, 30, 128-140.	4.5	15
61	Pitfalls in the MDCT of pancreatic cancer: strategies for minimizing errors. <i>Abdominal Radiology</i> , 2020, 45, 457-478.	2.1	15
62	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. <i>European Radiology</i> , 2018, 28, 4134-4145.	4.5	13
63	Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: involvement of nitric oxide and N-methyl-D-aspartate receptor. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 742-750.	1.4	13
64	Resistance to depression through interference of opioid and nitrergic systems in bile-duct ligated mice. <i>European Journal of Pharmacology</i> , 2013, 708, 38-43.	3.5	12
65	Morphine Attenuated the Cytotoxicity Induced by Arsenic Trioxide in H9c2 Cardiomyocytes. <i>Biological Trace Element Research</i> , 2016, 173, 132-139.	3.5	12
66	Association Between Race and Radiographic, Symptomatic, and Clinical Hand Osteoarthritis: A Propensity Score-Matched Study Using Osteoarthritis Initiative Data. <i>Arthritis and Rheumatology</i> , 2022, 74, 453-461.	5.6	12
67	Association Between MRI-Based Tibial Slope Measurements and Mucoïd Degeneration of the Anterior Cruciate Ligament: A Propensity Score-Matched Case-Control Study. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712096280.	1.7	11
68	Proconvulsant effect of post-weaning social isolation stress may be associated with dysregulation of opioid system in the male mice. <i>Medical Hypotheses</i> , 2015, 84, 445-447.	1.5	10
69	Updates on Imaging of Liver Tumors. <i>Current Oncology Reports</i> , 2020, 22, 46.	4.0	10
70	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. <i>European Radiology</i> , 2021, 31, 5699-5712.	4.5	10
71	Activation of ATP-sensitive K-channel promotes the anticonvulsant properties of cannabinoid receptor agonist through mitochondrial ATP level reduction. <i>Epilepsy and Behavior</i> , 2019, 93, 1-6.	1.7	8
72	Value of multidisciplinary collaboration in acute and chronic pancreatitis. <i>Abdominal Radiology</i> , 2020, 45, 1458-1467.	2.1	8

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73	Lateral patellar tilt and its longitudinal association with patellofemoral osteoarthritis-related structural damage: Analysis of the osteoarthritis initiative data. <i>Knee</i> , 2020, 27, 1971-1979.	1.6	8
74	The role of PPAR-gamma receptor in pruritus. <i>European Journal of Pharmacology</i> , 2015, 762, 322-325.	3.5	7
75	Lithium attenuated the behavioral despair induced by acute neurogenic stress through blockade of opioid receptors in mice. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1006-1015.	5.6	7
76	Kinematic Analysis of the Distal Radioulnar Joint in Asymptomatic Wrists Using 4-Dimensional Computed Tomographyâ€“Motion Pattern and Interreader Reliability. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 392-398.	0.9	7
77	Acute foot-shock stress decreased seizure susceptibility against pentylenetetrazole-induced seizures in mice: Interaction between endogenous opioids and cannabinoids. <i>Epilepsy and Behavior</i> , 2018, 87, 25-31.	1.7	6
78	Optimal Choice of Ultrasound-Based Measurements for the Diagnosis of Ulnar Neuropathy at the Elbow: A Meta-Analysis of 1961 Examinations. <i>American Journal of Roentgenology</i> , 2020, 215, 1171-1183.	2.2	6
79	Statin use and MRI subchondral bone marrow lesion worsening in generalized osteoarthritis: longitudinal analysis from Osteoarthritis Initiative data. <i>European Radiology</i> , 2022, 32, 3944-3953.	4.5	6
80	Brief Report: Association of Quantitative and Topographic Assessment of Heberden's Nodes With Knee Osteoarthritis: Data From the Osteoarthritis Initiative. <i>Arthritis and Rheumatology</i> , 2018, 70, 1234-1239.	5.6	5
81	â€œWorst Headache of Lifeâ€“in a Migraineur: Marginal Value of Emergency Department CT Scanning. <i>Journal of the American College of Radiology</i> , 2019, 16, 683-690.	1.8	5
82	Web-based Radiology Subspecialty Training Program: Pilot Feasibility and Effectiveness Analysis on Ethiopian Radiologists. <i>Academic Radiology</i> , 2020, 27, 293-299.	2.5	5
83	The potential role of very small embryonic-like stem cells in the neuroinflammation induced by social isolation stress: Introduction of a new paradigm. <i>Brain Research Bulletin</i> , 2020, 163, 21-30.	3.0	5
84	Association between Patellofemoral and medial Tibiofemoral compartment osteoarthritis progression: exploring the effect of body weight using longitudinal data from osteoarthritis initiative (OAI). <i>Skeletal Radiology</i> , 2021, 50, 1845-1854.	2.0	5
85	Renal Sympathetic Denervation by CT-scan-Guided Periarterial Ethanol Injection in Sheep. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 977-984.	2.0	4
86	Musculoskeletal Radiology Reports: Overlooked or Valuable?. <i>Journal of Digital Imaging</i> , 2020, 33, 348-354.	2.9	4
87	Kneeling as a risk factor of patellofemoral joint cartilage damage worsening: an exploratory analysis on the Osteoarthritis Initiative. <i>European Radiology</i> , 2021, 31, 2601-2609.	4.5	3
88	Patient Experience Scores for Radiologists: Comparison with Nonradiologist Physicians and Changes After Public Posting in an Institutional Online Provider Directory. <i>American Journal of Roentgenology</i> , 2022, , .	2.2	3
89	Heberden's Nodes and Knee Osteoarthritisâ€“Related Osseous Structural Damage: Exploratory Study From the Osteoarthritis Initiative. <i>Arthritis and Rheumatology</i> , 2019, 71, 935-940.	5.6	2
90	Kinematic Tibiofibular Syndesmotomic Measurements as Indicators of Tibiotalar Osteoarthritis: Exploratory Analysis Using 4-Dimensional Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2022, 46, 633-637.	0.9	2

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91	Image-Guided Chondrocyte Harvesting for Autologous Chondrocyte Implantation. JBJS Open Access, 2019, 4, e0039.	1.5	1