

Abbas Tafakhori

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

1,663
citations

279798

23
h-index

361022

35
g-index

112
all docs

112
docs citations

112
times ranked

2937
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Efficacy of Nanocurcumin as Add-On Therapy to Riluzole in Patients With Amyotrophic Lateral Sclerosis: A Pilot Randomized Clinical Trial. <i>Neurotherapeutics</i> , 2018, 15, 430-438.	4.4	90
2	The synergistic effects of ω -3 fatty acids and nano-curcumin supplementation on tumor necrosis factor (TNF)- α gene expression and serum level in migraine patients. <i>Immunogenetics</i> , 2017, 69, 371-378.	2.4	75
3	Efficacy and safety of oral ketamine versus diclofenac to alleviate mild to moderate depression in chronic pain patients: A double-blind, randomized, controlled trial. <i>Journal of Affective Disorders</i> , 2016, 204, 1-8.	4.1	70
4	A Clinical and Molecular Genetic Study of 50 Families with Autosomal Recessive Parkinsonism Revealed Known and Novel Gene Mutations. <i>Molecular Neurobiology</i> , 2018, 55, 3477-3489.	4.0	67
5	Neurological manifestations as the predictors of severity and mortality in hospitalized individuals with COVID-19: a multicenter prospective clinical study. <i>BMC Neurology</i> , 2021, 21, 116.	1.8	58
6	Memantine for Prophylactic Treatment of Migraine Without Aura: A Randomized Double-blind Placebo-controlled Study. <i>Headache</i> , 2016, 56, 95-103.	3.9	57
7	A Novel Combination of ω -3 Fatty Acids and Nano-Curcumin Modulates Interleukin-6 Gene Expression and High Sensitivity C-reactive Protein Serum Levels in Patients with Migraine: A Randomized Clinical Trial Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 430-438.	1.4	53
8	The Neuromodulatory Effects of ω -3 Fatty Acids and Nano-Curcumin on the COX-2/ iNOS Network in Migraines: A Clinical Trial Study from Gene Expression to Clinical Symptoms. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 874-884.	1.2	53
9	Transplantation of olfactory ensheathing cells on functional recovery and neuropathic pain after spinal cord injury; systematic review and meta-analysis. <i>Scientific Reports</i> , 2018, 8, 325.	3.3	49
10	Bi-allelic variants in RNF170 are associated with hereditary spastic paraplegia. <i>Nature Communications</i> , 2019, 10, 4790.	12.8	39
11	Sensing of Alzheimer's Disease and Multiple Sclerosis Using Nano-Bio Interfaces. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1187-1202.	2.6	38
12	<i>PTRHD1</i> (<i>C2orf79</i>) mutations lead to autosomal-recessive intellectual disability and parkinsonism. <i>Movement Disorders</i> , 2017, 32, 287-291.	3.9	38
13	Identification of a large homozygous <i>VPS13C</i> deletion in a patient with early-onset Parkinsonism. <i>Movement Disorders</i> , 2018, 33, 1968-1970.	3.9	38
14	Identification of a Large <i>DNAJB2</i> Deletion in a Family with Spinal Muscular Atrophy and Parkinsonism. <i>Human Mutation</i> , 2016, 37, 1180-1189.	2.5	36
15	Validation of the Persian Version of the Brief Pain Inventory (BPI-P) in Chronic Pain Patients. <i>Journal of Pain and Symptom Management</i> , 2017, 54, 132-138.e2.	1.2	35
16	The Combined Effects of ω -3 Fatty Acids and Nano-Curcumin Supplementation on Intercellular Adhesion Molecule-1 (ICAM-1) Gene Expression and Serum Levels in Migraine Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 1120-1126.	1.4	35
17	RIT2 Polymorphisms: Is There a Differential Association?. <i>Molecular Neurobiology</i> , 2017, 54, 2234-2240.	4.0	31
18	Bi-allelic HPDL Variants Cause a Neurodegenerative Disease Ranging from Neonatal Encephalopathy to Adolescent-Onset Spastic Paraplegia. <i>American Journal of Human Genetics</i> , 2020, 107, 364-373.	6.2	30

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19	Application of Ultrasonography and Radiography in Detection of Hemothorax; a Systematic Review and Meta-Analysis. <i>Emergency</i> , 2016, 4, 116-26.	0.6	29
20	Diagnostic Accuracy of Ultrasonography and Radiography in Detection of Pulmonary Contusion; a Systematic Review and Meta-Analysis. <i>Emergency</i> , 2015, 3, 127-36.	0.6	28
21	Early versus late spinal decompression surgery in treatment of traumatic spinal cord injuries; a systematic review and meta-analysis. <i>Emergency</i> , 2017, 5, e37.	0.6	27
22	Variation in the miRNA-433 binding site of FGF20 is a risk factor for Parkinson's disease in Iranian population. <i>Journal of the Neurological Sciences</i> , 2015, 355, 72-74.	0.6	25
23	A genetic variant in miRNA binding site of glutamate receptor 4, metabotropic (GRM4) is associated with increased risk of major depressive disorder. <i>Journal of Affective Disorders</i> , 2017, 208, 218-222.	4.1	25
24	A Preliminary Study Evaluating the Safety and Efficacy of Bumetanide, an NKCC1 Inhibitor, in Patients with Drug-Resistant Epilepsy. <i>CNS Drugs</i> , 2019, 33, 283-291.	5.9	24
25	Evaluation of 99mTc-TRODAT-1 SPECT in the diagnosis of Parkinson's disease versus other progressive movement disorders. <i>Annals of Nuclear Medicine</i> , 2016, 30, 153-162.	2.2	23
26	Neurological Symptoms, Comorbidities, and Complications of COVID-19: A Literature Review and Meta-Analysis of Observational Studies. <i>European Neurology</i> , 2021, 84, 307-324.	1.4	23
27	The analysis of association between SNCA, HUSEYO and CSMD1 gene variants and Parkinson's disease in Iranian population. <i>Neurological Sciences</i> , 2016, 37, 731-736.	1.9	20
28	Copy Number Variants in Patients with Autism and Additional Clinical Features: Report of VIPR2 Duplication and a Novel Microduplication Syndrome. <i>Molecular Neurobiology</i> , 2017, 54, 7019-7027.	4.0	20
29	Biphasic effect of sumatriptan on PTZ-induced seizures in mice: Modulation by 5-HT1B/D receptors and NOS/NO pathway. <i>European Journal of Pharmacology</i> , 2018, 824, 140-147.	3.5	19
30	Functional improvement and immune-inflammatory cytokines profile of ischaemic stroke patients after treatment with boswellic acids: a randomized, double-blind, placebo-controlled, pilot trial. <i>Inflammopharmacology</i> , 2019, 27, 1101-1112.	3.9	19
31	Genetic Analysis of the <i>ZNF512B</i> , <i>SLC41A1</i> , and <i>ALDH2</i> Polymorphisms in Parkinson's Disease in the Iranian Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 629-632.	0.7	18
32	Evaluating executive function in patients with temporal lobe epilepsy using the frontal assessment battery. <i>Epilepsy Research</i> , 2017, 133, 22-27.	1.6	18
33	Plasma Neurofilament Light Chain Levels Are Associated With Cortical Hypometabolism in Alzheimer Disease Signature Regions. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 709-716.	1.7	18
34	A novel <i>PUS7</i> mutation causes intellectual disability with autistic and aggressive behaviors. <i>Neurology: Genetics</i> , 2019, 5, e356.	1.9	18
35	Relationship between Sleep Quality and Quality of Life in Patients with Multiple Sclerosis. <i>International Journal of Preventive Medicine</i> , 2014, 5, 1582-6.	0.4	17
36	The omega-3 and Nano-curcumin effects on vascular cell adhesion molecule (VCAM) in episodic migraine patients: a randomized clinical trial. <i>BMC Research Notes</i> , 2021, 14, 283.	1.4	16

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37	SIPA1L2 , MIR4697 , GCH1 and VPS13C loci and risk of Parkinson's diseases in Iranian population: A case-control study. <i>Journal of the Neurological Sciences</i> , 2016, 369, 1-4.	0.6	15
38	Assessment of Factors Predicting Inadequate Pain Management in Chronic Pain Patients. <i>Anesthesiology and Pain Medicine</i> , 2019, In Press, e97229.	1.3	15
39	Attentional bias towards and away from fearful faces is modulated by developmental amygdala damage. <i>Cortex</i> , 2016, 81, 24-34.	2.4	14
40	Associations of Serum S100B and S100P With the Presence and Classification of Diabetic Peripheral Neuropathy in Adults With Type 2 Diabetes: A Case-Cohort Study. <i>Canadian Journal of Diabetes</i> , 2019, 43, 336-344.e2.	0.8	14
41	Molecular mechanisms of omega-3 fatty acids in the migraine headache. <i>Iranian Journal of Neurology</i> , 2017, 16, 210-217.	0.5	13
42	Granulocyte Colony-Stimulating Factor for Amyotrophic Lateral Sclerosis: A Randomized,		

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55	Evaluation of regulatory T lymphocytes and IL2Ra and FOXP3 gene expression in peripheral mononuclear cells from patients with amyotrophic lateral sclerosis. <i>Irish Journal of Medical Science</i> , 2018, 187, 1065-1071.	1.5	8
56	Conformational change and GTPase activity of human tubulin: A comparative study on Alzheimer's disease and healthy brain. <i>Journal of Neurochemistry</i> , 2020, 155, 207-224.	3.9	8
57	Phenotypic and genotypic characterization of families with complex intellectual disability identified pathogenic genetic variations in known and novel disease genes. <i>Scientific Reports</i> , 2020, 10, 968.	3.3	8
58	The Efficacy of Sphenopalatine Ganglion Block and Radiofrequency Denervation in the Treatment of Cluster Headache: A Case Series. <i>Anesthesiology and Pain Medicine</i> , 2020, 10, e104466.	1.3	8
59	Investigating the possible association between NLRP3 gene polymorphisms and myasthenia gravis. <i>Muscle and Nerve</i> , 2021, 63, 730-736.	2.2	7
60	ANXA1 with Anti-inflammatory Properties Might Contribute to Parkinsonism. <i>Annals of Neurology</i> , 2021, 90, 319-323.	5.3	7
61	PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 720973.	2.9	7
62	The Influence of Chronic Pain on Number Sense and Numeric Rating Scale: A prospective Cohort Study. <i>Anesthesiology and Pain Medicine</i> , 2020, 10, e103532.	1.3	7
63	Clinical and molecular spectrum of P/Q type calcium channel Cav2.1 in epileptic patients. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 461.	2.7	7
64	Analysis of Copy Number Variations in Patients with Autism Using Cytogenetic and MLPA Techniques: Report of 16p13.1p13.3 and 10q26.3 Duplications. <i>International Journal of Molecular and Cellular Medicine</i> , 2016, 5, 236-245.	1.1	7
65	A Case Based-Shared Teaching Approach in Undergraduate Medical Curriculum: A Way for Integration in Basic and Clinical Sciences. <i>Acta Medica Iranica</i> , 2017, 55, 259-264.	0.8	7
66	Extraintestinal Involvement of Rotavirus Infection in Children. <i>Archives of Iranian Medicine</i> , 2015, 18, 604-5.	0.6	7
67	Potential diagnostic value of 131 I-MIBG myocardial scintigraphy in discrimination between Alzheimer disease and dementia with Lewy bodies. <i>Clinical Neurology and Neurosurgery</i> , 2017, 163, 163-166.	1.4	6
68	Molecular characterization of PRKN structural variations identified through whole-genome sequencing. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 1243-1248.	1.2	6
69	Paracetamol 325mg/tramadol 37.5mg effect on pain during needle electromyography: a double-blind crossover clinical trial. <i>Acta Neurologica Belgica</i> , 2016, 116, 599-604.	1.1	5
70	Tongue Protrusion Dystonia in Pantothenate Kinase-Associated Neurodegeneration. <i>Pediatric Neurology</i> , 2020, 103, 76-78.	2.1	5
71	Safety and efficacy of memantine for multiple sclerosis-related fatigue: A pilot randomized, double-blind placebo-controlled trial. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116844.	0.6	5
72	Cognitive Impairment in Opium Use Disorder. <i>Behavioural Neurology</i> , 2021, 2021, 1-12.	2.1	5

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73	From a simple chronic headache to neurobrucellosis: a case report. Medical Journal of the Islamic Republic of Iran, 2014, 28, 12.	0.9	5
74	Idiopathic superficial siderosis of the central nervous system. Cerebellum and Ataxias, 2021, 8, 9.	1.9	4
75	The phenotypic spectrum of PCDH12 associated disorders - Five new cases and review of the literature. European Journal of Paediatric Neurology, 2022, 36, 7-13.	1.6	4
76	Saffron () versus duloxetine for treatment of patients with fibromyalgia: A randomized double-blind clinical trial. Avicenna Journal of Phytomedicine, 2018, 8, 513-523.	0.2	4
77	Mutation in TWINKLE in a Large Iranian Family with Progressive External Ophthalmoplegia, Myopathy, Dysphagia and Dysphonia, and Behavior Change. Archives of Iranian Medicine, 2016, 19, 87-91.	0.6	4
78	Treatment of Myoclonusâ€“dystonia with carbamazepine. Parkinsonism and Related Disorders, 2018, 53, 116-117.	2.2	3
79	Evaluating Executive Functions in Patients with Juvenile Myoclonic Epilepsy Using Frontal Assessment Battery. Behavioural Neurology, 2020, 2020, 1-10.	2.1	3
80	Recessive <i>COL4A2</i> Mutation Leads to Intellectual Disability, Epilepsy, and Spastic Cerebral Palsy. Neurology: Genetics, 2021, 7, e583.	1.9	3
81	An interictal measurement of cerebral oxygen extraction fraction in MRI-negative refractory epilepsy using quantitative susceptibility mapping. Physica Medica, 2021, 85, 87-97.	0.7	3
82	Emery-Dreifuss Muscular Dystrophy: a Report of a Large Family with 11 Affected Individuals. International Journal of Molecular and Cellular Medicine, 2016, 5, 196-198.	1.1	3
83	A systematic review of resting-state and task-based fmri in juvenile myoclonic epilepsy. Brain Imaging and Behavior, 2022, 16, 1465-1494.	2.1	3
84	Adie's pupil during migraine attack: case report and review of literature. Acta Neurologica Belgica, 2011, 111, 66-8.	1.1	3
85	Homozygous Mutation in TWNK Causes Ataxia, Sensorineural Hearing Loss and Optic Nerve Atrophy. Archives of Iranian Medicine, 2019, 22, 728-730.	0.6	3
86	Clinical use of ^{99m} Tc-HMPAO-labeled platelets in cerebral sinus thrombosis imaging. Acta Neurologica Belgica, 2019, 119, 549-553.	1.1	2
87	An Unusual Location for Sphenopalatine Ganglion in the Pterygopalatine Fossa Which May Facilitate Radiofrequency Neurolysis: A Case Report. Archives of Neuroscience, 2016, 3, .	0.3	2
88	Nutritional Aspects of Treatment in Epileptic Patients. Iranian Journal of Child Neurology, 2016, 10, 1-12.	0.3	2
89	Leu226Trp CACNA1A variant associated with juvenile myoclonic epilepsy with and without intellectual disability. Clinical Neurology and Neurosurgery, 2022, 213, 107108.	1.4	2
90	Evaluation of partial epilepsy in Iran: role of video-EEG, EEG, and MRI with epilepsy protocol. Iranian Journal of Neurology, 2011, 10, 9-15.	0.5	1

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91	Neglected Alkaptonuric Patient Presenting with Steppage Gait. Archives of Bone and Joint Surgery, 2016, 4, 188-91.	0.2	1
92	Molecular changes in obese and depressive patients are similar to neurodegenerative disorders. Iranian Journal of Neurology, 2017, 16, 192-200.	0.5	1
93	Plasma Cytokines Profile in Subjects with Alzheimer's Disease: Interleukin 1 Alpha as a Candidate for Target Therapy. Galen, 2021, 10, e1974.	0.6	1
94	Seroprevalence of NMO-IgG Antibody in Neuromyelitis optica (NMO) and Its Specificity in Differentiating NMO from Other Demyelinating Diseases with Overlap Symptoms: An Iranian Experience. Iranian Journal of Allergy, Asthma and Immunology, 2015, 14, 98-104.	0.4	1
95	99m Technetium-HMPAO-labeled platelet scan in practice: Preparation, quality control, and biodistribution studies. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	1
96	Boswellia serrata extract shows cognitive benefits in a double-blind, randomized, placebo-controlled pilot clinical trial in individuals who suffered traumatic brain injury. Brain Injury, 2022, , 1-7.	1.2	1
97	Curable episodic ataxia? History taking versus advanced diagnostic instruments. Journal of the Neurological Sciences, 2014, 336, 295.	0.6	0
98	Novel ABCD1 gene mutations in Iranian pedigrees with X-linked adrenoleukodystrophy. Journal of Pediatric Endocrinology and Metabolism, 2019, 32, 1207-1215.	0.9	0
99	Seizure-Control Effect of Levitiracetam on Juvenile Myoclonic Epilepsy and Other Epileptic Syndromes: Literature Review of Recent Studies. Iranian Journal of Child Neurology, 2015, 9, 1-8.	0.3	0
100	Hashimoto Encephalopathy in Case of Progressive Cognitive Impairment; a Case Report. Emergency, 2014, 2, 144-6.	0.6	0
101	Imaging of Clot by Tc-HMPAO Labeled Platelet in Animal Model Induced Thrombosis. Iranian Journal of Pharmaceutical Research, 2020, 19, 76-84.	0.5	0
102	The Effect of Oral Simvastatin on the Clinical Outcome of Patients with Severe Traumatic Brain Injury: A Randomized Clinical Trial. Ethiopian Journal of Health Sciences, 2021, 31, 807-816.	0.4	0
103	The Phenotypic Spectrum of PCDH12-Associated Disorders: Five New Cases and Review of the Literature. , 2021, 52, .		0
104	Psychometric evaluation of Persian version of Seizure Severity Questionnaire. Epilepsy and Behavior, 2022, 128, 108506.	1.7	0
105	Clinical, Laboratory and Imaging Characteristics of Hospitalized COVID-19 Patients with Neurologic Involvement; a Cross-Sectional Study.. Archives of Academic Emergency Medicine, 2022, 10, e10.	0.4	0
106	Association of Depression with Migraine without Aura; A Cross-Sectional Study.. , 2019, 16, 182-186.		0