

Koorosh Shahpasand

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,080
citations

516561

16
h-index

414303

32
g-index

40
all docs

40
docs citations

40
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenic <i>cis</i> p-tau levels in CSF reflects severity of traumatic brain injury. <i>Neurological Research</i> , 2022, 44, 496-502.	0.6	12
2	COVID-19 Vaccination Willingness and Acceptability in Multiple Sclerosis Patients: A Cross Sectional Study in Iran. <i>Vaccines</i> , 2022, 10, 135.	2.1	9
3	Tau nuclear translocation is a leading step in tau pathology process through P53 stabilization and nucleolar dispersion. <i>Journal of Neuroscience Research</i> , 2022, 100, 1084-1104.	1.3	4
4	Key Genes and Biochemical Networks in Various Brain Regions Affected in Alzheimer's Disease. <i>Cells</i> , 2022, 11, 987.	1.8	16
5	Spinal Cord Injury Causes Prominent Tau Pathology Associated with Brain Post-Injury Sequela. <i>Molecular Neurobiology</i> , 2022, 59, 4197-4208.	1.9	2
6	P38 initiates degeneration of midbrain GABAergic and glutamatergic neurons in diabetes models. <i>European Journal of Neuroscience</i> , 2022, 56, 3755-3778.	1.2	1
7	The Interplay of Tau Protein and β -Amyloid: While Tauopathy Spreads More Profoundly Than Amyloidopathy, Both Processes Are Almost Equally Pathogenic. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1339-1354.	1.7	12
8	Biothermodynamic, antiproliferative and antimicrobial properties of synthesized copper oxide nanoparticles. <i>Journal of Molecular Liquids</i> , 2021, 324, 114693.	2.3	9
9	α -Synuclein abnormalities trigger focal tau pathology, spreading to various brain areas in Parkinson disease. <i>Journal of Neurochemistry</i> , 2021, 157, 727-751.	2.1	13
10	Hydrothermal method-based synthesized tin oxide nanoparticles: Albumin binding and antiproliferative activity against K562 cells. <i>Materials Science and Engineering C</i> , 2021, 119, 111649.	3.8	9
11	Fabrication of inorganic alumina particles at nanoscale by a pulsed laser ablation technique in liquid and exploring their protein binding, anticancer and antipathogenic activities. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102923.	2.3	5
12	Distinct phosphorylation profiles of tau in brains of patients with different tauopathies. <i>Neurobiology of Aging</i> , 2021, 108, 72-79.	1.5	17
13	Dopamine-loaded poly (butyl cyanoacrylate) nanoparticles reverse behavioral deficits in Parkinson's animal models. <i>Therapeutic Delivery</i> , 2020, 11, 387-399.	1.2	17
14	Tau Pathology Triggered by Spinal Cord Injury Can Play a Critical Role in the Neurotrauma Development. <i>Molecular Neurobiology</i> , 2020, 57, 4845-4855.	1.9	10
15	Extracellular vesicles derived from human ES-MSCs protect retinal ganglion cells and preserve retinal function in a rodent model of optic nerve injury. <i>Stem Cell Research and Therapy</i> , 2020, 11, 203.	2.4	42
16	Wnt signalling pathway and tau phosphorylation: A comprehensive study on known connections. <i>Cell Biochemistry and Function</i> , 2020, 38, 686-694.	1.4	12
17	Exploring the Interaction of Cobalt Oxide Nanoparticles with Albumin, Leukemia Cancer Cells and Pathogenic Bacteria by Multispectroscopic, Docking, Cellular and Antibacterial Approaches. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4607-4623.	3.3	24
18	Association of Saitohin gene rs62063857 polymorphism with dry type age-related macular degeneration. <i>Ophthalmic Genetics</i> , 2020, 41, 505-506.	0.5	0

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19	Albumin binding and anticancer effect of magnesium oxide nanoparticles. International Journal of Nanomedicine, 2019, Volume 14, 257-270.	3.3	49
20	A Possible Neurodegeneration Mechanism Triggered by Diabetes. Trends in Endocrinology and Metabolism, 2019, 30, 692-700.	3.1	18
21	<p>The interaction of silica nanoparticles with catalase and human mesenchymal stem cells: biophysical, theoretical and cellular studies</p>. International Journal of Nanomedicine, 2019, Volume 14, 5355-5368.	3.3	6
22	<p>Î±-synuclein interaction with zero-valent iron nanoparticles accelerates structural rearrangement into amyloid-susceptible structure with increased cytotoxic tendency</p>. International Journal of Nanomedicine, 2019, Volume 14, 4637-4648.	3.3	33
23	Silymarin-albumin nanoplex: Preparation and its potential application as an antioxidant in nervous system in vitro and in vivo. International Journal of Pharmaceutics, 2019, 572, 118824.	2.6	18
24	<p>Cerium oxide NPs mitigate the amyloid formation of Î±-synuclein and associated cytotoxicity</p>. International Journal of Nanomedicine, 2019, Volume 14, 6989-7000.	3.3	44
25	Molecular interaction of fibrinogen with zeolite nanoparticles. Scientific Reports, 2019, 9, 1558.	1.6	21
26	<p>Amorphous aggregation of tau in the presence of titanium dioxide nanoparticles: biophysical, computational, and cellular studies</p>. International Journal of Nanomedicine, 2019, Volume 14, 901-911.	3.3	22
27	Stem cell therapy in Alzheimerâ€™s disease: possible benefits and limiting drawbacks. Molecular Biology Reports, 2019, 46, 1425-1446.	1.0	51
28	Tau folding and cytotoxicity of neuroblastoma cells in the presence of manganese oxide nanoparticles: Biophysical, molecular dynamics, cellular, and molecular studies. International Journal of Biological Macromolecules, 2019, 125, 674-682.	3.6	12
29	The effects of nickel oxide nanoparticles on tau protein and neuron-like cells: Biothermodynamics and molecular studies. International Journal of Biological Macromolecules, 2019, 127, 330-339.	3.6	16
30	<i> cis</i> pT231-Tau Drives Neurodegeneration in Bipolar Disorder. ACS Chemical Neuroscience, 2019, 10, 1214-1221.	1.7	19
31	Biophysical, molecular dynamics and cellular studies on the interaction of nickel oxide nanoparticles with tau proteins and neuron-like cells. International Journal of Biological Macromolecules, 2019, 125, 778-784.	3.6	15
32	Silica nanoparticles induce conformational changes of tau protein and oxidative stress and apoptosis in neuroblastoma cell line. International Journal of Biological Macromolecules, 2019, 124, 1312-1320.	3.6	17
33	Transplantation of Human Chorion-Derived Cholinergic Progenitor Cells: a Novel Treatment for Neurological Disorders. Molecular Neurobiology, 2019, 56, 307-318.	1.9	10
34	Pathogenic Tau Protein Species: Promising Therapeutic Targets for Ocular Neurodegenerative Diseases. Journal of Ophthalmic and Vision Research, 2019, 14, 491-505.	0.7	10
35	â€œTau immunotherapy: Hopes and hindrancesâ€. Human Vaccines and Immunotherapeutics, 2018, 14, 277-284.	1.4	15
36	Aluminium oxide nanoparticles induce structural changes in tau and cytotoxicity of the neuroblastoma cell line. International Journal of Biological Macromolecules, 2018, 120, 1140-1148.	3.6	24

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37	Pin1 cysteine-113 oxidation inhibits its catalytic activity and cellular function in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2015, 76, 13-23.	2.1	91
38	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	13.7	374