

Nady Braidy

List of Publications by Year in descending order

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193
papers

10,062
citations

31949

53
h-index

43868

91
g-index

206
all docs

206
docs citations

206
times ranked

15594
citing authors

#	ARTICLE	IF	CITATIONS
1	Age Related Changes in NAD ⁺ Metabolism Oxidative Stress and Sirt1 Activity in Wistar Rats. PLoS ONE, 2011, 6, e19194.	1.1	508
2	Polymerization from the Surface of Single-Walled Carbon Nanotubes ~ Preparation and Characterization of Nanocomposites. Journal of the American Chemical Society, 2003, 125, 16015-16024.	6.6	462
3	Age-Associated Changes In Oxidative Stress and NAD ⁺ Metabolism In Human Tissue. PLoS ONE, 2012, 7, e42357.	1.1	414
4	Targeting the TLR4 signaling pathway by polyphenols: A novel therapeutic strategy for neuroinflammation. Ageing Research Reviews, 2017, 36, 11-19.	5.0	350
5	Luteolin as an anti-inflammatory and neuroprotective agent: A brief review. Brain Research Bulletin, 2015, 119, 1-11.	1.4	317
6	Neuroprotective Effect of Natural Products Against Alzheimer's Disease. Neurochemical Research, 2012, 37, 1829-1842.	1.6	225
7	Mechanism for Quinolinic Acid Cytotoxicity in Human Astrocytes and Neurons. Neurotoxicity Research, 2009, 16, 77-86.	1.3	186
8	Quercetin and the mitochondria: A mechanistic view. Biotechnology Advances, 2016, 34, 532-549.	6.0	181
9	The Excitotoxin Quinolinic Acid Induces Tau Phosphorylation in Human Neurons. PLoS ONE, 2009, 4, e6344.	1.1	179
10	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. Biomedicine and Pharmacotherapy, 2016, 84, 892-908.	2.5	165
11	Neuroprotective effects of chrysin: From chemistry to medicine. Neurochemistry International, 2015, 90, 224-231.	1.9	150
12	Role of Nicotinamide Adenine Dinucleotide and Related Precursors as Therapeutic Targets for Age-Related Degenerative Diseases: Rationale, Biochemistry, Pharmacokinetics, and Outcomes. Antioxidants and Redox Signaling, 2019, 30, 251-294.	2.5	147
13	Dysregulation of lipids in Alzheimer's disease and their role as potential biomarkers. Alzheimer's and Dementia, 2017, 13, 810-827.	0.4	146
14	Resveratrol and Alzheimer's Disease: Mechanistic Insights. Molecular Neurobiology, 2017, 54, 2622-2635.	1.9	140
15	The Plasma NAD ⁺ Metabolome Is Dysregulated in ~Normal~ Aging. Rejuvenation Research, 2019, 22, 121-130.	0.9	137
16	Signaling pathway cross talk in Alzheimer's disease. Cell Communication and Signaling, 2014, 12, 23.	2.7	126
17	Neuroprotective Effects of Hesperidin, a Plant Flavanone, on Rotenone-Induced Oxidative Stress and Apoptosis in a Cellular Model for Parkinson's Disease. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	125
18	Differential expression of sirtuins in the aging rat brain. Frontiers in Cellular Neuroscience, 2015, 9, 167.	1.8	119

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19	Ginsenoside Rb1 as a neuroprotective agent: A review. Brain Research Bulletin, 2016, 125, 30-43.	1.4	117
20	NAD ⁺ metabolism and oxidative stress: the golden nucleotide on a crown of thorns. Redox Report, 2012, 17, 28-46.	1.4	116
21	The Kynurenine Pathway in Brain Tumor Pathogenesis. Cancer Research, 2012, 72, 5649-5657.	0.4	114
22	Involvement of the kynurenine pathway in the pathogenesis of Parkinson's disease. Progress in Neurobiology, 2017, 155, 76-95.	2.8	111
23	Is Alzheimer's a disease of the white matter?. Current Opinion in Psychiatry, 2013, 26, 244-251.	3.1	110
24	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. Scientific Reports, 2017, 7, 12685.	1.6	105
25	Involvement of the Kynurenine Pathway in Human Glioma Pathophysiology. PLoS ONE, 2014, 9, e112945.	1.1	101
26	Neuroprotective Effects of Citrus Fruit-Derived Flavonoids, Nobiletin and Tangeretin in Alzheimer's and Parkinson's Disease. CNS and Neurological Disorders - Drug Targets, 2017, 16, 387-397.	0.8	101
27	Recent rodent models for Alzheimer's disease: clinical implications and basic research. Journal of Neural Transmission, 2012, 119, 173-195.	1.4	97
28	Mapping NAD ⁺ metabolism in the brain of ageing Wistar rats: potential targets for influencing brain senescence. Biogerontology, 2014, 15, 177-198.	2.0	95
29	Neuroprotective effects of naturally occurring polyphenols on quinolinic acid-induced excitotoxicity in human neurons. FEBS Journal, 2010, 277, 368-382.	2.2	93
30	Changes in kynurenine pathway metabolism in the brain, liver and kidney of aged female Wistar rats. FEBS Journal, 2011, 278, 4425-4434.	2.2	93
31	Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain. Frontiers in Physiology, 2017, 8, 1040.	1.3	90
32	Synthesis of Metal Alloy Nanoparticles in Solution by Laser Irradiation of a Metal Powder Suspension. Journal of Physical Chemistry B, 2003, 107, 6920-6923.	1.2	87
33	Natural products, micronutrients, and nutraceuticals for the treatment of depression: A short review. Nutritional Neuroscience, 2017, 20, 180-194.	1.5	86
34	Chlorogenic Acid and Mental Diseases: From Chemistry to Medicine. Current Neuropharmacology, 2017, 15, 471-479.	1.4	82
35	Diesel steam reforming: Comparison of two nickel aluminate catalysts prepared by wet-impregnation and co-precipitation. Catalysis Today, 2013, 207, 13-20.	2.2	79
36	Mitochondria as pharmacological targets in Down syndrome. Free Radical Biology and Medicine, 2018, 114, 69-83.	1.3	79

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37	p38 MAPK inhibitors attenuate pro-inflammatory cytokine production and the invasiveness of human U251 glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2012, 109, 35-44.	1.4	78
38	Therapeutic role of sirtuins in neurodegenerative disease and their modulation by polyphenols. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 73, 39-47.	2.9	77
39	Excitotoxic potential of the cyanotoxin β -methyl-amino-L-alanine (BMAA) in primary human neurons. <i>Toxicon</i> , 2012, 60, 1159-1165.	0.8	74
40	Resveratrol as a Potential Therapeutic Candidate for the Treatment and Management of Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1951-1960.	1.0	74
41	Uptake and mitochondrial dysfunction of alpha-synuclein in human astrocytes, cortical neurons and fibroblasts. <i>Translational Neurodegeneration</i> , 2013, 2, 20.	3.6	71
42	Sirtuins in cognitive ageing and Alzheimer's disease. <i>Current Opinion in Psychiatry</i> , 2012, 25, 226-230.	3.1	70
43	Neuroprotective Effects of Ginkgolide B Against Ischemic Stroke: A Review of Current Literature. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 2222-2232.	1.0	70
44	Equilibrium and stability of phase-separating Au-Pt nanoparticles. <i>Acta Materialia</i> , 2008, 56, 5972-5983.	3.8	69
45	Effects of Kynurenine Pathway Metabolites on Intracellular NAD ⁺ Synthesis and Cell Death in Human Primary Astrocytes and Neurons. <i>International Journal of Tryptophan Research</i> , 2009, 2, IJTR.S2318.	1.0	69
46	Pomegranate from Oman Alleviates the Brain Oxidative Damage in Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Traditional and Complementary Medicine</i> , 2014, 4, 232-238.	1.5	68
47	<i>Rhodiola rosea</i> L. and Alzheimer's Disease: From Farm to Pharmacy. <i>Phytotherapy Research</i> , 2016, 30, 532-539.	2.8	68
48	Effects of Kynurenine Pathway Inhibition on NAD ⁺ Metabolism and Cell Viability in Human Primary Astrocytes and Neurons. <i>International Journal of Tryptophan Research</i> , 2011, 4, IJTR.S7052.	1.0	67
49	Insights Into Effects of Ellagic Acid on the Nervous System: A Mini Review. <i>Current Pharmaceutical Design</i> , 2016, 22, 1350-1360.	0.9	65
50	Down syndrome: Neurobiological alterations and therapeutic targets. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 234-255.	2.9	63
51	Kynurenine pathway metabolism and neuroinflammatory disease. <i>Neural Regeneration Research</i> , 2017, 12, 39.	1.6	63
52	Cerebral small vessel disease and the risk of Alzheimer's disease: A systematic review. <i>Ageing Research Reviews</i> , 2018, 47, 41-48.	5.0	62
53	NAD ⁺ therapy in age-related degenerative disorders: A benefit/risk analysis. <i>Experimental Gerontology</i> , 2020, 132, 110831.	1.2	60
54	Glutotoxicity of the cyanotoxin, β -methyl-amino-L-alanine (BMAA). <i>Scientific Reports</i> , 2013, 3, 1482.	1.6	59

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55	Therapeutic relevance of ozone therapy in degenerative diseases: Focus on diabetes and spinal pain. <i>Journal of Cellular Physiology</i> , 2018, 233, 2705-2714.	2.0	59
56	Targeting mTOR signaling by polyphenols: A new therapeutic target for ageing. <i>Ageing Research Reviews</i> , 2016, 31, 55-66.	5.0	58
57	Role of Nitric Oxide in Neurodegeneration: Function, Regulation, and Inhibition. <i>Current Neuropharmacology</i> , 2020, 19, 114-126.	1.4	58
58	<sc>N</sc>europrotective effects of honokiol: from chemistry to medicine. <i>BioFactors</i> , 2017, 43, 760-769.	2.6	57
59	Wnt-5a Ligand Modulates Mitochondrial Fission-Fusion in Rat Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2014, 289, 36179-36193.	1.6	56
60	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. <i>Biotechnology Advances</i> , 2018, 36, 1768-1778.	6.0	56
61	Long-term (15Âmo) dietary supplementation with pomegranates from Oman attenuates cognitive and behavioral deficits in a transgenic mice model of Alzheimer's disease. <i>Nutrition</i> , 2015, 31, 223-229.	1.1	54
62	Resveratrol Enhances Apoptotic and Oxidant Effects of Paclitaxel through TRPM2 Channel Activation in DBTRG Glioblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	54
63	Role of green tea catechins in prevention of ageâ€related cognitive decline: Pharmacological targets and clinical perspective. <i>Journal of Cellular Physiology</i> , 2019, 234, 2447-2459.	2.0	53
64	Plasma lipidome is dysregulated in Alzheimerâ€™s disease and is associated with disease risk genes. <i>Translational Psychiatry</i> , 2021, 11, 344.	2.4	51
65	Diesel steam reforming with a nickelâ€alumina spinel catalyst for solid oxide fuel cell application. <i>Journal of Power Sources</i> , 2011, 196, 7673-7680.	4.0	49
66	Plant polyphenols as natural drugs for the management of Down syndrome and related disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 865-877.	2.9	49
67	Promotion of cellular NAD+ anabolism: Therapeutic potential for oxidative stress in ageing and alzheimerâ€™s disease. <i>Neurotoxicity Research</i> , 2008, 13, 173-184.	1.3	48
68	Comparison of Single Phase and Biphasic Extraction Protocols for Lipidomic Studies Using Human Plasma. <i>Frontiers in Neurology</i> , 2019, 10, 879.	1.1	48
69	Diet rich in date palm fruits improves memory, learning and reduces beta amyloid in transgenic mouse model of Alzheimerâ€™s disease. <i>Journal of Ayurveda and Integrative Medicine</i> , 2015, 6, 111.	0.9	47
70	The Precursor to Glutathione (GSH), Î³-Glutamylcysteine (GGC), Can Ameliorate Oxidative Damage and Neuroinflammation Induced by AÎ²40 Oligomers in Human Astrocytes. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 177.	1.7	47
71	Consumption of pomegranates improves synaptic function in a transgenic mice model of Alzheimer's disease. <i>Oncotarget</i> , 2016, 7, 64589-64604.	0.8	46
72	Quantifying the cellular NAD+ metabolome using a tandem liquid chromatography mass spectrometry approach. <i>Metabolomics</i> , 2018, 14, 15.	1.4	45

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73	Role of Sirt1 During the Ageing Process: Relevance to Protection of Synapses in the Brain. <i>Molecular Neurobiology</i> , 2014, 50, 744-756.	1.9	44
74	Supplementation with I^3 -glutamylcysteine (I^3 -GC) lessens oxidative stress, brain inflammation and amyloid pathology and improves spatial memory in a murine model of AD. <i>Neurochemistry International</i> , 2021, 144, 104931.	1.9	44
75	Metal and complementary molecular bioimaging in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 138.	1.7	44
76	Oxidation of Fe Nanoparticles Embedded in Single-Walled Carbon Nanotubes by Exposure to a Bright Flash of White Light. <i>Nano Letters</i> , 2002, 2, 1277-1280.	4.5	42
77	Age Progression of Neuropathological Markers in the Brain of the Chilean Rodent <i>Octodon degus</i> , a Natural Model of Alzheimer's Disease. <i>Brain Pathology</i> , 2015, 25, 679-691.	2.1	42
78	Performances of an 80â€“200 kV microscope employing a cold-FEG and an aberration-corrected objective lens. <i>Microscopy (Oxford, England)</i> , 2013, 62, 283-293.	0.7	41
79	Plasma lipidome variation during the second half of the human lifespan is associated with age and sex but minimally with BMI. <i>PLoS ONE</i> , 2019, 14, e0214141.	1.1	40
80	Novel therapeutic strategies for stroke: The role of autophagy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 182-199.	2.7	40
81	Neuroprotective Effects of a Variety of Pomegranate Juice Extracts against MPTP-Induced Cytotoxicity and Oxidative Stress in Human Primary Neurons. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12.	1.9	39
82	Serum nicotinamide adenine dinucleotide levels through disease course in multiple sclerosis. <i>Brain Research</i> , 2013, 1537, 267-272.	1.1	38
83	Mechanisms and Effects Posed by Neurotoxic Products of Cyanobacteria/Microbial Eukaryotes/Dinoflagellates in Algae Blooms: a Review. <i>Neurotoxicity Research</i> , 2018, 33, 153-167.	1.3	38
84	Selenium Enhances the Apoptotic Efficacy of Docetaxel Through Activation of TRPM2 Channel in DBTRG Glioblastoma Cells. <i>Neurotoxicity Research</i> , 2019, 35, 797-808.	1.3	37
85	Antioxidant and Antigenotoxic Potential of <i>Infundibulicybe geotropa</i> Mushroom Collected from Northwestern Turkey. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	1.9	37
86	Molecular Targets of Tannic Acid in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2017, 14, 861-869.	0.7	37
87	Accelerating Alzheimer's research through "natural" animal models. <i>Current Opinion in Psychiatry</i> , 2015, 28, 155-164.	3.1	36
88	Genomic, transcriptomic and proteomic analyses of <i>Dehalobacter</i> UNSWDHB in response to chloroform. <i>Environmental Microbiology Reports</i> , 2016, 8, 814-824.	1.0	35
89	The kynurenine pathway in chronic diseases: a compensatory mechanism or a driving force?. <i>Trends in Molecular Medicine</i> , 2021, 27, 946-954.	3.5	34
90	Involvement of quinolinic acid in the neuropathogenesis of amyotrophic lateral sclerosis. <i>Neuropharmacology</i> , 2017, 112, 346-364.	2.0	33

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91	The water extract of tutsan (<i>Hypericum androsaemum</i> L.) red berries exerts antidepressive-like effects and in vivo antioxidant activity in a mouse model of post-stroke depression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 290-298.	2.5	33
92	Blood fatty acids in Alzheimer's disease and mild cognitive impairment: A meta-analysis and systematic review. <i>Ageing Research Reviews</i> , 2020, 60, 101043.	5.0	33
93	Therapeutic Approaches to Modulating Glutathione Levels as a Pharmacological Strategy in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 12, 298-313.	0.7	33
94	Correcting scanning instabilities from images of periodic structures. <i>Ultramicroscopy</i> , 2012, 118, 67-76.	0.8	32
95	Consumption of fig fruits grown in Oman can improve memory, anxiety, and learning skills in a transgenic mice model of Alzheimer's disease. <i>Nutritional Neuroscience</i> , 2016, 19, 475-483.	1.5	32
96	Improvement of Antioxidant Defences and Mood Status by Oral GABA Tea Administration in a Mouse Model of Post-Stroke Depression. <i>Nutrients</i> , 2017, 9, 446.	1.7	31
97	Novel chelators based on adamantane-derived semicarbazones and hydrazones that target multiple hallmarks of Alzheimer's disease. <i>Dalton Transactions</i> , 2018, 47, 7190-7205.	1.6	30
98	A Pilot Study Investigating Changes in the Human Plasma and Urine NAD ⁺ Metabolome During a 6 Hour Intravenous Infusion of NAD ⁺ . <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 257.	1.7	30
99	Activation mechanism and microstructural evolution of a YSZ/Ni-alumina catalyst for dry reforming of methane. <i>Catalysis Today</i> , 2017, 291, 99-105.	2.2	29
100	The application of lipidomics to biomarker research and pathomechanisms in Alzheimer's disease. <i>Current Opinion in Psychiatry</i> , 2017, 30, 136-144.	3.1	29
101	Protective Effects of Fibroblast Growth Factor 21 Against Amyloid-Beta ¹⁻⁴² -Induced Toxicity in SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2018, 34, 574-583.	1.3	29
102	Multi-copper ferroxidase deficiency leads to iron accumulation and oxidative damage in astrocytes and oligodendrocytes. <i>Scientific Reports</i> , 2019, 9, 9437.	1.6	29
103	Cytotoxic Effects of Environmental Toxins on Human Glial Cells. <i>Neurotoxicity Research</i> , 2017, 31, 245-258.	1.3	26
104	Identification of Cerebral Metal Ion Imbalance in the Brain of Aging Octodon degus. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 66.	1.7	26
105	Nanoparticles as contrast agents for the diagnosis of Alzheimer's disease: a systematic review. <i>Nanomedicine</i> , 2020, 15, 725-743.	1.7	26
106	Multiple Quantum Well AlGaAs Nanowires. <i>Nano Letters</i> , 2008, 8, 495-499.	4.5	25
107	Role of NAD ⁺ , Oxidative Stress, and Tryptophan Metabolism in Autism Spectrum Disorders. <i>International Journal of Tryptophan Research</i> , 2013, 6s1, IJTR.S11355.	1.0	25
108	Alpha-Synuclein Transmission and Mitochondrial Toxicity in Primary Human Foetal Enteric Neurons In Vitro. <i>Neurotoxicity Research</i> , 2014, 25, 170-182.	1.3	25

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109	High protein intake is associated with low plasma NAD ⁺ levels in a healthy human cohort. PLoS ONE, 2018, 13, e0201968.	1.1	24
110	Synthesis and Characterization of Co/C and Fe/C Nanocatalysts for Fischer-Tropsch Synthesis: A Comparative Study Using a Fixed-Bed Reactor. Industrial & Engineering Chemistry Research, 2015, 54, 10661-10674.	1.8	23
111	Quantum dots as a theranostic approach in Alzheimer's disease: a systematic review. Nanomedicine, 2021, 16, 1595-1611.	1.7	23
112	Nicotinamide adenine dinucleotide and its related precursors for the treatment of Alzheimer's disease. Current Opinion in Psychiatry, 2018, 31, 160-166.	3.1	22
113	Zero valent iron core-iron oxide shell nanoparticles as small magnetic particle imaging tracers. Chemical Communications, 2020, 56, 3504-3507.	2.2	22
114	Upregulation of Glycolytic Enzymes, Mitochondrial Dysfunction and Increased Cytotoxicity in Glial Cells Treated with Alzheimer's Disease Plasma. PLoS ONE, 2015, 10, e0116092.	1.1	22
115	A Mini Review on the Chemistry and Neuroprotective Effects of Silymarin. Current Drug Targets, 2017, 18, 1529-1536.	1.0	22
116	Iron oxide-functionalized carbon nanofilaments for hydrogen sulfide adsorption: The multiple roles of carbon. Carbon, 2015, 95, 794-801.	5.4	21
117	Synthesis and characterisations of SnO ₂ nanorods via low temperature hydrothermal method. Superlattices and Microstructures, 2015, 88, 396-402.	1.4	21
118	Plasma lipidomic biomarker analysis reveals distinct lipid changes in vascular dementia. Computational and Structural Biotechnology Journal, 2020, 18, 1613-1624.	1.9	19
119	Types and sociodemographic correlates of complementary and alternative medicine (CAM) use among people with epilepsy in Oman. Epilepsy and Behavior, 2013, 29, 361-366.	0.9	18
120	Characterisation of the Kynurenine Pathway in Skin-Derived Fibroblasts and Keratinocytes. Journal of Cellular Biochemistry, 2015, 116, 903-922.	1.2	18
121	Genetic and environmental factors in vascular dementia: an update of blood brain barrier dysfunction. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 515-521.	0.9	18
122	Autothermal dry reforming of methane with a nickel spinellized catalyst prepared from a negative value metallurgical residue. Renewable Energy, 2019, 138, 1239-1249.	4.3	18
123	Kynurenine Pathway in Skin Cells: Implications for UV-Induced Skin Damage. International Journal of Tryptophan Research, 2012, 5, IJTR.S9835.	1.0	17
124	Low-temperature Fischer-Tropsch synthesis using plasma-synthesized nanometric Co/C and Fe/C catalysts. Canadian Journal of Chemical Engineering, 2016, 94, 1504-1515.	0.9	17
125	Including noise characteristics in MCR to improve mapping and component extraction from spectral images. Chemometrics and Intelligent Laboratory Systems, 2016, 153, 40-50.	1.8	17
126	Quantitation of NAD ⁺ : Why do we need to measure it?. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2527-2532.	1.1	16

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127	Can nicotinamide riboside protect against cognitive impairment?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 413-420.	1.3	16
128	Neuroprotective Effects of Ellagitannins: A Brief Review. <i>Current Drug Targets</i> , 2017, 18, 1518-1528.	1.0	16
129	Global cellular responses to β -methyl-amino-l-alanine (BMAA) by olfactory ensheathing glial cells (OEC). <i>Toxicon</i> , 2015, 99, 136-145.	0.8	15
130	Changes in Cathepsin D and Beclin-1 mRNA and protein expression by the excitotoxin quinolinic acid in human astrocytes and neurons. <i>Metabolic Brain Disease</i> , 2014, 29, 873-883.	1.4	14
131	Teneurinins and Alzheimer's disease: A suggestive role for a unique family of proteins. <i>Medical Hypotheses</i> , 2015, 84, 402-407.	0.8	13
132	Association of genetic polymorphisms of claudin-1 with small vessel vascular dementia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 623-630.	0.9	13
133	APOE Genotype Differentially Modulates Plasma Lipids in Healthy Older Individuals, with Relevance to Brain Health. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 703-716.	1.2	13
134	Unmixing noisy co-registered spectrum images of multicomponent nanostructures. <i>Scientific Reports</i> , 2019, 9, 18797.	1.6	13
135	Controlled synthesis of nickel ferrite nanocrystals with tunable properties using a novel induction thermal plasma method. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	12
136	Cu(II) Galvanic Reduction and Deposition onto Iron Nano- and Microparticles: Resulting Morphologies and Growth Mechanisms. <i>Langmuir</i> , 2015, 31, 789-798.	1.6	12
137	Dielectric and magnetic properties of NiFe ₂ O ₄ at 2.45GHz and heating capacity for potential uses under microwaves. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 731-739.	1.0	12
138	Mechanisms of impaired mitochondrial homeostasis and NAD ⁺ metabolism in a model of mitochondrial heart disease exhibiting redox active iron accumulation. <i>Redox Biology</i> , 2021, 46, 102038.	3.9	12
139	Diagnostic and Prognostic Potential of Retinal Biomarkers in Early On-Set Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2017, 14, 1000-1007.	0.7	12
140	A new one-step deposition approach of graphene nanoflakes coating using a radio frequency plasma: Synthesis, characterization and tribological behaviour. <i>Tribology International</i> , 2022, 167, 107406.	3.0	12
141	Carbon Nanofilaments Functionalized with Iron Oxide Nanoparticles for in-Depth Hydrogen Sulfide Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 9230-9237.	1.8	11
142	Transcriptional response to mitochondrial protease IMMP2L knockdown in human primary astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1252-1258.	1.0	11
143	Lu ₂ O ₃ -SiO ₂ -ZrO ₂ Coatings for Environmental Barrier Application by Solution Precursor Plasma Spraying and Influence of Precursor Chemistry. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 325-332.	1.6	10
144	Interference of β -Synuclein Uptake by Monomeric β -Amyloid1-40 and Potential Core Acting Site of the Interference. <i>Neurotoxicity Research</i> , 2016, 30, 479-485.	1.3	10

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145	Mini-review on initiatives to interfere with the propagation and clearance of alpha-synuclein in Parkinson's disease. <i>Translational Neurodegeneration</i> , 2017, 6, 33.	3.6	10
146	Blood-Based Biomarkers for Predictive Diagnosis of Cognitive Impairment in a Pakistani Population. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 223.	1.7	10
147	Sobriety and Satiety: Is NAD+ the Answer?. <i>Antioxidants</i> , 2020, 9, 425.	2.2	10
148	<i>Strychnos nux-vomica</i> L. seed preparation promotes functional recovery and attenuates oxidative stress in a mouse model of sciatic nerve crush injury. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 181.	1.2	10
149	Recent Neurotherapeutic Strategies to Promote Healthy Brain Aging: Are we there yet?. , 2022, 13, 175.		10
150	From Nanoparticles to Process: An Aberration-Corrected TEM Study of Fischer-Tropsch Catalysts at Various Steps of the Process. <i>Advanced Materials Research</i> , 0, 324, 197-200.	0.3	9
151	Atomic-Scale Faceting in CoPt Nanoparticles Epitaxially Grown on NaCl. <i>Crystal Growth and Design</i> , 2014, 14, 2201-2208.	1.4	9
152	Neuroprotective Effect of Myxobacterial Extracts on Quinolinic Acid-Induced Toxicity in Primary Human Neurons. <i>Neurotoxicity Research</i> , 2019, 35, 281-290.	1.3	9
153	NADomics: Measuring NAD+ and Related Metabolites Using Liquid Chromatography Mass Spectrometry. <i>Life</i> , 2021, 11, 512.	1.1	9
154	Characterization of the Kynurenine Pathway in CD8+ Human Primary Monocyte-Derived Dendritic Cells. <i>Neurotoxicity Research</i> , 2016, 30, 620-632.	1.3	8
155	Application of NiO Spinel in the Chemical-Looping Conversion of CO ₂ to CO via Induction-Generated Oxygen Vacancies. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7213-7226.	1.5	8
156	The Contribution of Cerebral Vascular Neuropathology to Mild Stage of Alzheimer's Dementia Using the NACC Database. <i>Current Alzheimer Research</i> , 2021, 17, 1167-1176.	0.7	8
157	Genetic and environmental determinants of variation in the plasma lipidome of older Australian twins. <i>ELife</i> , 2020, 9, .	2.8	8
158	Construction and use of a <i>Cupriavidus necator</i> H16 soluble hydrogenase promoter (P _{SH}) fusion to <i>gfp</i> (green fluorescent protein). <i>PeerJ</i> , 2016, 4, e2269.	0.9	8
159	Cyclopropanation of diazoesters with styrene derivatives catalyzed by magnetically recoverable copper-plated iron nanoparticles. <i>Tetrahedron</i> , 2014, 70, 8952-8958.	1.0	7
160	Cognitive Profiles in Patients with Multi-Infarct Dementia: An Omani Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 271-282.	0.6	7
161	A simple route to produce tungsten carbide powders by high-energy ball milling and annealing. <i>Ceramics International</i> , 2020, 46, 1736-1742.	2.3	7
162	Novel multifunctional iron chelators of the aroyl nicotinoyl hydrazone class that markedly enhance cellular NAD + /NADH ratios. <i>British Journal of Pharmacology</i> , 2020, 177, 1967-1987.	2.7	7

#	ARTICLE	IF	CITATIONS
163	Experimental methods in chemical engineering: Transmission electron microscopyâ€”TEM. Canadian Journal of Chemical Engineering, 2020, 98, 628-641.	0.9	7
164	Antioxidant, antimicrobial and neuroprotective effects of Octaviania asterosperma in vitro. Mycology, 2021, 12, 128-138.	2.0	7
165	Editorial: Involvements of TRP Channels, Oxidative Stress and Apoptosis in Neurodegenerative Diseases. Frontiers in Physiology, 2021, 12, 649230.	1.3	7
166	New insights on the role of YSZ in a NiAl ₂ O ₄ /Al ₂ O ₃ â€”YSZ catalyst. Applied Catalysis A: General, 2015, 497, 42-50.	2.2	6
167	Evaluating the impact of new anticoagulants in the hospital setting. Pharmacy Practice, 2011, 9, 1-10.	0.8	6
168	Synthesis of Carbon Nanohorns by Inductively Coupled Plasma. Plasma Chemistry and Plasma Processing, 2022, 42, 465-481.	1.1	6
169	Assays for NAD ⁺ -Dependent Reactions and NAD ⁺ Metabolites. Methods in Molecular Biology, 2018, 1813, 77-90.	0.4	5
170	Alteration in Gene Pair Correlations in Tryptophan Metabolism as a Hallmark in Cancer Diagnosis. International Journal of Tryptophan Research, 2020, 13, 117864692097701.	1.0	5
171	Herpetosiphon Secondary Metabolites Inhibit Amyloid- β Toxicity in Human Primary Astrocytes. Journal of Alzheimer's Disease, 2020, 76, 423-433.	1.2	5
172	Applications of magnetic particle imaging in the dementias. Current Opinion in Psychiatry, 2021, 34, 186-192.	3.1	5
173	Nano-Architecture of Facetted NiFe ₂ O ₄ /(Ni,Fe)O Particles Produced by Induction Plasma. Plasma Chemistry and Plasma Processing, 2016, 36, 1349-1362.	1.1	4
174	Topoisomerase I inhibition leads to length-dependent gene expression changes in human primary astrocytes. Genomics Data, 2017, 11, 113-115.	1.3	4
175	Plasmaâ€”Made (Ni _{0.5} Cu _{0.5})Fe ₂ O ₄ Nanoparticles for Alcohol Amination under Microwave Heating. ChemCatChem, 2019, 11, 3959-3972.	1.8	4
176	Fluid Biomarkers and APOE Status of Early Onset Alzheimerâ€™s Disease Variants: A Systematic Review and Meta-Analysis. Journal of Alzheimer's Disease, 2020, 75, 827-843.	1.2	4
177	Potential Mechanism of Cellular Uptake of the Excitotoxin Quinolinic Acid in Primary Human Neurons. Molecular Neurobiology, 2021, 58, 34-54.	1.9	4
178	Editorial: From Oxidative Stress to Cognitive Decline - Towards Novel Therapeutic Approaches. Frontiers in Molecular Neuroscience, 2021, 14, 650498.	1.4	4
179	Reduction and Oxidation Behavior of Ni _x Fe _{3-2x} O ₄ Spinel Probed by Reactive in Situ XRD. Journal of Physical Chemistry C, 2018, 122, 11038-11050.	1.5	3
180	Macrophage- and Microglia-Related Chemokines Are Associated with Small Vessel (White Matter) Vascular Dementia: A Case-Control Study. Dementia and Geriatric Cognitive Disorders, 2021, 50, 454-459.	0.7	3

#	ARTICLE	IF	CITATIONS
181	Absolute Quantification of Plasma Apolipoproteins for Cardiovascular Disease Risk Prediction. <i>Methods in Molecular Biology</i> , 2020, 2138, 373-379.	0.4	2
182	Association Between Leukocyte Telomere Length and Vascular Dementia and Cancer Mortality in an Elderly Population. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1384-1386.	1.3	1
183	Repigmentation of hair after prolonged cholinesterase inhibitor therapy in a Chinese population. <i>Australasian Journal of Dermatology</i> , 2020, 61, e417-e420.	0.4	1
184	Ionotropic Receptors in the Central Nervous System and Neurodegenerative Disease. , 2014, , 1071-1092.		1
185	Investigation of the Role of Surface Nanometric Sulfur and Carbon Moieties in Ni-Catalyzed Steam Reforming of Hydrocarbons. <i>ACS Symposium Series</i> , 2012, , 1-23.	0.5	0
186	Mapping Data with Heavily Overlapped Spectral Features. <i>Microscopy and Microanalysis</i> , 2017, 23, 216-217.	0.2	0
187	Metallic Copper Clusters Decorating Cu Ferrites Revealed by Deep Data Analysis. <i>Microscopy and Microanalysis</i> , 2018, 24, 542-543.	0.2	0
188	Using Deep Learning to Deconvolute Complex Spectra for Hyperspectral Imaging Applications. <i>Microscopy and Microanalysis</i> , 2019, 25, 178-179.	0.2	0
189	Drug Treatments for Alzheimer's Disease: Hopes and Challenges. , 2014, , 1173-1190.		0
190	Excitotoxicity in the Pathogenesis of Autism. , 2014, , 1267-1271.		0
191	Glutamate in the Pathogenesis of Gliomas. , 2014, , 1287-1298.		0
192	Clinical Assessment of the NADome as Biomarkers for Healthy Aging. <i>Methods in Molecular Biology</i> , 2020, 2138, 207-216.	0.4	0
193	Video-based fall prevention education for cognitively impaired inpatients: a pilot study. , 2022, 17, 11-16.		0