

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

267 papers	4,830 citations	36 h-index	55 g-index
295 ext. papers	6,535 ext. citations	4.3 avg, IF	6.18 L-index

#	Paper	IF	Citations
267	Sol-gel synthesis of thorn-like ZnO nanoparticles endorsing mechanical stirring effect and their antimicrobial activities: Potential role as nano-antibiotics. <i>Scientific Reports</i> , <b>2016</b> , 6, 27689	4.9	190
266	Nanotechnology-based approaches in anticancer research. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 4391-408	7.3	173
265	A Review on Nano-Antimicrobials: Metal Nanoparticles, Methods and Mechanisms. <i>Current Drug Metabolism</i> , <b>2017</b> , 18, 120-128	3.5	124
264	Essential Oils: Extraction Techniques, Pharmaceutical And Therapeutic Potential - A Review. <i>Current Drug Metabolism</i> , <b>2018</b> , 19, 1100-1110	3.5	109
263	Oxidative stress mediated mitochondrial and vascular lesions as markers in the pathogenesis of Alzheimer disease. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 2208-17	4.3	101
262	Biogenic synthesis of Zinc oxide nanostructures from Nigella sativa seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. <i>Scientific Reports</i> , <b>2016</b> , 6, 36761	4.9	90
261	APOE and Alzheimer's Disease: Evidence Mounts that Targeting APOE4 may Combat Alzheimer's Pathogenesis. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2450-2465	6.2	88
260	Protein misfolding and aggregation in Alzheimer's disease and type 2 diabetes mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2014</b> , 13, 1280-93	2.6	81
259	Autophagic dysfunction in Alzheimer's disease: Cellular and molecular mechanistic approaches to halt Alzheimer's pathogenesis. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 8094-8112	7	79
258	Toxic tau: structural origins of tau aggregation in Alzheimer's disease. <i>Neural Regeneration Research</i> , <b>2020</b> , 15, 1417-1420	4.5	72
257	Cholinesterase Inhibitors for Alzheimer's Disease: Multitargeting Strategy Based on Anti-Alzheimer's Drugs Repositioning. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3519-3535	3.3	67
256	Melatonin in Alzheimer's Disease: A Latent Endogenous Regulator of Neurogenesis to Mitigate Alzheimer's Neuropathology. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 8255-8276	6.2	66
255	Protein-Protein Interaction (PPI) Network: Recent Advances in Drug Discovery. <i>Current Drug Metabolism</i> , <b>2017</b> , 18, 5-10	3.5	65
254	The Possibility of an Infectious Etiology of Alzheimer Disease. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4479-4491	4.9	64
253	Nootropic and Anti-Alzheimer's Actions of Medicinal Plants: Molecular Insight into Therapeutic Potential to Alleviate Alzheimer's Neuropathology. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4925-4944	6.2	62
252	Molecular Insight into the Therapeutic Promise of Flavonoids against Alzheimer's Disease. <i>Molecules</i> , <b>2020</b> , 25,	4.8	56
251	NMDA Receptor Antagonists: Repositioning of Memantine as a Multitargeting Agent for Alzheimer's Therapy. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3506-3518	3.3	56

250	Combination Drug Therapy for the Management of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	55
249	Nutraceuticals in Neurological Disorders. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	53
248	Molecular Mechanisms of ER Stress and UPR in the Pathogenesis of Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2902-2919	6.2	52
247	Sleep Disorders Associated With Alzheimer's Disease: A Perspective. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 330	5.1	52
246	The cytochrome P450 isoenzyme and some new opportunities for the prediction of negative drug interaction in vivo. <i>Drug Design, Development and Therapy</i> , <b>2018</b> , 12, 1147-1156	4.4	51
245	Circadian and sleep dysfunction in Alzheimer's disease. <i>Ageing Research Reviews</i> , <b>2020</b> , 60, 101046	12	51
244	Photocatalytic degradation of Aniline from aqueous solutions under sunlight illumination using immobilized Cr:ZnO nanoparticles. <i>Scientific Reports</i> , <b>2017</b> , 7, 1473	4.9	49
243	Pharmacological approaches to mitigate neuroinflammation in Alzheimer's disease. <i>International Immunopharmacology</i> , <b>2020</b> , 84, 106479	5.8	49
242	Microbial Enzymatic Degradation of Biodegradable Plastics. <i>Current Pharmaceutical Biotechnology</i> , <b>2017</b> , 18, 429-440	2.6	49
241	Peptide based therapeutics and their use for the treatment of neurodegenerative and other diseases. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 574-581	7.5	48
240	Galectins - potential targets for cancer therapy. <i>Cancer Letters</i> , <b>2007</b> , 253, 25-33	9.9	48
239	Cancer chemoprevention by polyphenols and their potential application as nanomedicine. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , <b>2013</b> , 31, 67-98	4.5	47
238	Type 3 Diabetes Mellitus: A Novel Implication of Alzheimers Disease. <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 1331-1335	3	44
237	Neuroprotective role of polyphenols against oxidative stress-mediated neurodegeneration. <i>European Journal of Pharmacology</i> , <b>2020</b> , 886, 173412	5.3	44
236	Novel, one-step synthesis of zwitterionic polymer nanoparticles via distillation-precipitation polymerization and its application for dye removal membrane. <i>Scientific Reports</i> , <b>2017</b> , 7, 15889	4.9	43
235	Revisiting the Amyloid Cascade Hypothesis: From Anti-A $\beta$ Therapeutics to Auspicious New Ways for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	42
234	Estrogen Signaling in Alzheimer's Disease: Molecular Insights and Therapeutic Targets for Alzheimer's Dementia. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2654-2670	6.2	41
233	Gliomas: New Perspectives in Diagnosis, Treatment and Prognosis. <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 1438-1447	3	40

232	Exploring the multimodal role of phytochemicals in the modulation of cellular signaling pathways to combat age-related neurodegeneration. <i>Science of the Total Environment</i> , <b>2020</b> , 725, 138313	10.2	37
231	nCOVID-19 Pandemic: From Molecular Pathogenesis to Potential Investigational Therapeutics. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 616	5.7	36
230	Revisiting the role of brain and peripheral A $\beta$ in the pathogenesis of Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 416, 116974	3.2	34
229	Lipid-based nanoformulations in the treatment of neurological disorders. <i>Drug Metabolism Reviews</i> , <b>2020</b> , 52, 185-204	7	34
228	The Synergistic Effect of Raloxifene, Fluoxetine, and Bromocriptine Protects Against Pilocarpine-Induced Status Epilepticus and Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1233-1247	6.2	34
227	Recent Advances in Drug Delivery of Polymeric Nano-Micelles. <i>Current Drug Metabolism</i> , <b>2017</b> , 18, 16-29	3.5	34
226	Reduction of post-prandial hyperglycemia by mulberry tea in type-2 diabetes patients. <i>Saudi Journal of Biological Sciences</i> , <b>2015</b> , 22, 32-6	4	33
225	Current Progress on Peroxisome Proliferator-activated Receptor Gamma Agonist as an Emerging Therapeutic Approach for the Treatment of Alzheimer's Disease: An Update. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 232-246	7.6	33
224	Electrocatalytic Performance of Chemically Synthesized PIn-Au-SGO Composite toward Mediated Biofuel Cell Anode. <i>Scientific Reports</i> , <b>2017</b> , 7, 13353	4.9	32
223	Exploring the Promise of Targeting Ubiquitin-Proteasome System to Combat Alzheimer's Disease. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 8-17	4.3	32
222	Optimization of Glucose Powered Biofuel Cell Anode Developed by Polyaniline-Silver as Electron Transfer Enhancer and Ferritin as Biocompatible Redox Mediator. <i>Scientific Reports</i> , <b>2017</b> , 7, 12703	4.9	32
221	The impact of air pollutants, UV exposure and geographic location on vitamin D deficiency. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 113, 241-254	4.7	32
220	Molecular mechanisms of drug photodegradation and photosensitization. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 768-82	3.3	32
219	A Clinical Update and Global Economic Burden of Rheumatoid Arthritis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2018</b> , 18, 98-109	2.2	32
218	Molecular Mechanisms of Metal Toxicity in the Pathogenesis of Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 1-20	6.2	32
217	Impact of sex differences and gender specificity on behavioral characteristics and pathophysiology of neurodegenerative disorders. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 102, 95-105	9	31
216	TV 3326 for Alzheimer's dementia: a novel multimodal ChE and MAO inhibitors to mitigate Alzheimer's-like neuropathology. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 1001-1012	4.8	29
215	Molecular Insight into the Therapeutic Promise of Targeting for Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5086250	6.7	28

214	Nanotechnology for Alzheimer Disease. <i>Current Alzheimer Research</i> , <b>2017</b> , 14, 1182-1189	3	28
213	Novel Anti-Alzheimer's Therapeutic Molecules Targeting Amyloid Precursor Protein Processing. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 7039138	6.7	27
212	Enrichment of Eucalyptus oil nanoemulsion by micellar nanotechnology: transdermal analgesic activity using hot plate test in rats' assay. <i>Scientific Reports</i> , <b>2019</b> , 9, 13678	4.9	26
211	L. (lemon) seed extract shows neuro-modulatory activity in an thiopental-sodium sleep model by reducing the sleep onset and enhancing the sleep duration.. <i>Journal of Integrative Neuroscience</i> , <b>2022</b> , 21, 42	1.5	26
210	Recent advances in the development of novel protein scaffolds based therapeutics. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 630-641	7.9	24
209	Multifarious roles of mTOR signaling in cognitive aging and cerebrovascular dysfunction of Alzheimer's disease. <i>IUBMB Life</i> , <b>2020</b> , 72, 1843-1855	4.7	24
208	Reverse micelle Extraction of Antibiotics using an Eco-friendly Sophorolipids Biosurfactant. <i>Scientific Reports</i> , <b>2018</b> , 8, 477	4.9	24
207	Age-related defects in erythrocyte 2,3-diphosphoglycerate metabolism in dementia <b>2013</b> , 4, 244-55		24
206	Secretome of Mesenchymal Stem Cells and Its Potential Protective Effects on Brain Pathologies. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 6902-6927	6.2	23
205	Synopsis on the linkage of Alzheimer's and Parkinson's disease with chronic diseases. <i>CNS Neuroscience and Therapeutics</i> , <b>2015</b> , 21, 1-7	6.8	23
204	Exploring the Role of PSEN Mutations in the Pathogenesis of Alzheimer's Disease. <i>Neurotoxicity Research</i> , <b>2020</b> , 38, 833-849	4.3	23
203	Novel Ocimumoside A and B as anti-stress agents: modulation of brain monoamines and antioxidant systems in chronic unpredictable stress model in rats. <i>Phytomedicine</i> , <b>2012</b> , 19, 639-47	6.5	23
202	Recent Updates on the Association Between Alzheimer's Disease and Vascular Dementia. <i>Medicinal Chemistry</i> , <b>2016</b> , 12, 226-37	1.8	23
201	Preventive and Therapeutic Potentials of Anthocyanins in Diabetes and Associated Complications. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 5347-5371	4.3	22
200	Mitochondrial Dynamics and Proteins Related to Neurodegenerative Diseases. <i>Current Protein and Peptide Science</i> , <b>2018</b> , 19, 850-857	2.8	22
199	Emerging Proof of Protein Misfolding and Interactions in Multifactorial Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 2380-2390	3	22
198	Recent Updates on the Dynamic Association Between Oxidative Stress and Neurodegenerative Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2016</b> , 15, 310-20	2.6	22
197	Brain region specific monoamine and oxidative changes during restraint stress. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, 311-8	1	21

196	Anthocyanins: Multi-Target Agents for Prevention and Therapy of Chronic Diseases. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 6321-6346	3.3	21
195	Sox2: A Regulatory Factor in Tumorigenesis and Metastasis. <i>Current Protein and Peptide Science</i> , <b>2019</b> , 20, 495-504	2.8	21
194	Alzheimer's Disease - Future Therapy Based on Dendrimers. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 288-294	2.4	21
193	Inhibiting Effect of Zinc Oxide Nanoparticles on Advanced Glycation Products and Oxidative Modifications: a Potential Tool to Counteract Oxidative Stress in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7438-7452	6.2	20
192	New paradigm in ankyrin repeats: Beyond protein-protein interaction module. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 109, 1164-1173	7.9	20
191	Immunogenicity in Protein and Peptide Based-Therapeutics: An Overview. <i>Current Protein and Peptide Science</i> , <b>2018</b> , 19, 958-971	2.8	20
190	Current opinion in Alzheimer's disease therapy by nanotechnology-based approaches. <i>Current Opinion in Psychiatry</i> , <b>2017</b> , 30, 128-135	4.9	19
189	Endothelial PPAR $\gamma$ s Crucial for Averting Age-Related Vascular Dysfunction by Stalling Oxidative Stress and ROCK. <i>Neurotoxicity Research</i> , <b>2019</b> , 36, 583-601	4.3	19
188	Gold nanoparticles: A plausible tool to combat neurological bacterial infections in humans. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 107, 7-18	7.5	19
187	Molecular mechanisms involved in the protective actions of Selective Estrogen Receptor Modulators in brain cells. <i>Frontiers in Neuroendocrinology</i> , <b>2019</b> , 52, 44-64	8.9	19
186	Implications of farnesyltransferase and its inhibitors as a promising strategy for cancer therapy. <i>Seminars in Cancer Biology</i> , <b>2019</b> , 56, 128-134	12.7	19
185	Multi-Target Drug Candidates for Multifactorial Alzheimer's Disease: AChE and NMDAR as Molecular Targets. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 281-303	6.2	19
184	Raloxifene potentiates the effect of fluoxetine against maximal electroshock induced seizures in mice. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 146, 105261	5.1	18
183	Epigenetics of glioblastoma multiforme: From molecular mechanisms to therapeutic approaches. <i>Seminars in Cancer Biology</i> , <b>2020</b> ,	12.7	18
182	Role of GTPases in the Regulation of Mitochondrial Dynamics in Alzheimer's Disease and CNS-Related Disorders. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 4530-4538	6.2	18
181	Exploring the Promise of Flavonoids to Combat Neuropathic Pain: From Molecular Mechanisms to Therapeutic Implications. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 478	5.1	17
180	Conditioned Medium of Human Adipose Mesenchymal Stem Cells Increases Wound Closure and Protects Human Astrocytes Following Scratch Assay In Vitro. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5377-5392	6.2	17
179	Beyond mitochondria, what would be the energy source of the cell?. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 32-41	1.8	17

178	Purification, characterization, structural analysis and protein chemistry of a buffalo heart galectin-1. <i>Amino Acids</i> , <b>2010</b> , 39, 1321-32	3.5	17
177	Applications of Nanotechnology in Diagnostics and Therapeutics of Alzheimer's and Parkinson's Disease. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 705-12	3.5	17
176	Astrocytes Mediate Protective Actions of Estrogenic Compounds after Traumatic Brain Injury. <i>Neuroendocrinology</i> , <b>2019</b> , 108, 142-160	5.6	17
175	Epigallocatechin 3-gallate: From green tea to cancer therapeutics.. <i>Food Chemistry</i> , <b>2022</b> , 379, 132135	8.5	16
174	Advanced Glycation End Products (AGEs), Glutathione and Breast Cancer: Factors, Mechanism and Therapeutic Interventions. <i>Current Drug Metabolism</i> , <b>2019</b> , 20, 65-71	3.5	16
173	CNS depressant activities of Averrhoa carambola leaves extract in thiopental-sodium model of Swiss albino mice: implication for neuro-modulatory properties. <i>Biologia (Poland)</i> , <b>2022</b> , 77, 1337	1.5	16
172	A putative association of interleukin-10 promoter polymorphisms with cardiovascular disease. <i>IUBMB Life</i> , <b>2017</b> , 69, 522-527	4.7	15
171	Investigation of Gal-3 Expression Pattern in Serum and Cerebrospinal Fluid of Patients Suffering From Neurodegenerative Disorders. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 430	5.1	15
170	Exploring the Multifunctional Neuroprotective Promise of Rasagiline Derivatives for Multi-Dysfunctional Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 4690-4698	3.3	15
169	Emerging Promise of Immunotherapy for Alzheimer's Disease: A New Hope for the Development of Alzheimer's Vaccine. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 1214-1234	3	15
168	Molecular Mechanism of Aniline Induced Spleen Toxicity and Neuron Toxicity in Experimental Rat Exposure: A Review. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 201-213	7.6	15
167	Molecular and enzoinformatics perspectives of targeting Polo-like kinase 1 in cancer therapy. <i>Seminars in Cancer Biology</i> , <b>2019</b> , 56, 47-55	12.7	15
166	An Overview on Global Trends in Nanotechnological Approaches for Alzheimer Therapy. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 719-27	3.5	14
165	Nanoparticle-Based Drugs: A Potential Armamentarium of Effective Anti-Cancer Therapies. <i>Current Drug Metabolism</i> , <b>2018</b> , 19, 839-846	3.5	14
164	Anti-Neuroinflammatory Potential of Polyphenols by Inhibiting NF- $\kappa$ B to Halt Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 402-414	3.3	14
163	Emerging Promise of Cannabinoids for the Management of Pain and Associated Neuropathological Alterations in Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 1097	5.6	13
162	Single Probiotic versus Multiple Probiotics - A Debate On Current Scenario for Alleviating Health Benefits. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 4150-4153	3.3	13
161	Evidence Linking Protein Misfolding to Quality Control in Progressive Neurodegenerative Diseases. <i>Current Topics in Medicinal Chemistry</i> , <b>2020</b> , 20, 2025-2043	3	13



- 160 The neutrophil-to-lymphocyte ratio in Alzheimer's disease: Current understanding and potential applications. *Journal of Neuroimmunology*, **2020**, 349, 577398 3.5 13
- 159 Indian mallow fiber reinforced polyester composites: mechanical and thermal properties. *Journal of Materials Research and Technology*, **2021**, 11, 274-284 5.5 13
- 158 Purification, characterization, sequencing and biological chemistry of galectin-1 purified from *Capra hircus* (goat) heart. *Protein Journal*, **2011**, 30, 39-51 3.9 12
- 157 Proteomics approaches to understand linkage between Alzheimer's disease and type 2 diabetes mellitus. *CNS and Neurological Disorders - Drug Targets*, **2014**, 13, 213-25 2.6 12
- 156 Mitochondrial Permeability Transition Pore as a Suitable Target for Neuroprotective Agents Against Alzheimer's Disease. *CNS and Neurological Disorders - Drug Targets*, **2017**, 16, 677-685 2.6 12
- 155 Lipotoxicity, neuroinflammation, glial cells and oestrogenic compounds. *Journal of Neuroendocrinology*, **2020**, 32, e12776 3.8 12
- 154 Cerebrospinal Fluid C-Reactive Protein in Parkinson's Disease: Associations with Motor and Non-motor Symptoms. *NeuroMolecular Medicine*, **2018**, 20, 376-385 4.6 12
- 153 Ionic gradient liposomes: Recent advances in the stable entrapment and prolonged release of local anesthetics and anticancer drugs. *Biomedicine and Pharmacotherapy*, **2018**, 107, 34-43 7.5 11
- 152 Extracts of Protect Astrocytic Cells Under Oxidative Stress With Rotenone. *Frontiers in Chemistry*, **2018**, 6, 276 5 11
- 151 Role of anti-diabetic drugs as therapeutic agents in Alzheimer's disease. *EXCLI Journal*, **2015**, 14, 684-96 2.4 11
- 150 Current Updates on Therapeutic Advances in the Management of Cardiovascular Diseases. *Current Pharmaceutical Design*, **2016**, 22, 566-71 3.3 11
- 149 Insulin Resistance in Alzheimer Disease: p53 and MicroRNAs as Important Players. *Current Topics in Medicinal Chemistry*, **2017**, 17, 1429-1437 3 11
- 148 Mitochondrial Neuroglobin Is Necessary for Protection Induced by Conditioned Medium from Human Adipose-Derived Mesenchymal Stem Cells in Astrocytic Cells Subjected to Scratch and Metabolic Injury. *Molecular Neurobiology*, **2019**, 56, 5167-5187 6.2 11
- 147 Application of high rate integrated anaerobic-aerobic/biogranular activated carbon sequencing batch reactor (IAAnA-BioGACsBR) for treating strong municipal landfill leachate. *Scientific Reports*, **2017**, 7, 3109 4.9 10
- 146 (E)-Nicotinaldehyde O-Cinnamyloxime, a Nicotine Analog, Attenuates Neuronal Cells Death Against Rotenone-Induced Neurotoxicity. *Molecular Neurobiology*, **2019**, 56, 1221-1232 6.2 10
- 145 A comparative study of support vector machine, artificial neural network and bayesian classifier for mutagenicity prediction. *Interdisciplinary Sciences, Computational Life Sciences*, **2011**, 3, 232-9 3.5 10
- 144 Proteins Commonly Linked to Autism Spectrum Disorder and Alzheimer's Disease. *Current Protein and Peptide Science*, **2018**, 19, 876-880 2.8 10
- 143 Raloxifene attenuates oxidative stress and preserves mitochondrial function in astrocytic cells upon glucose deprivation. *Journal of Cellular Physiology*, **2019**, 234, 2051-2057 7 10



142	The Role of Vitamins in Neurodegenerative Disease: An Update. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	10
141	Implication of the nutritional and nonnutritional factors in the context of preservation of cognitive performance in patients with dementia/depression and Alzheimer disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , <b>2013</b> , 28, 660-70	2.5	9
140	Frontal lobe real-time EEG analysis using machine learning techniques for mental stress detection.. <i>Journal of Integrative Neuroscience</i> , <b>2022</b> , 21, 20	1.5	9
139	A proteomics based approach for the identification of gastric cancer related markers. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 804-11	3.3	9
138	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4475-4483	3.3	9
137	Application of Efficient Nanoparticles for Early Diagnosis and Treatment of Cancer. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 662-75	3.5	9
136	Emerging Therapeutic Promise of Ketogenic Diet to Attenuate Neuropathological Alterations in Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 4961-4977	6.2	9
135	Exploring Potential of Alkaloidal Phytochemicals Targeting Neuroinflammatory Signaling of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 357-366	3.3	9
134	New Therapeutic Property of Dimebon as a Neuroprotective Agent. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 5315-5326	4.3	8
133	Chronic unpredictable stress (CUS) enhances the carcinogenic potential of 7,12-dimethylbenz(a)anthracene (DMBA) and accelerates the onset of tumor development in Swiss albino mice. <i>Cell Stress and Chaperones</i> , <b>2015</b> , 20, 1023-36	4	8
132	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. <i>Journal of Dairy Research</i> , <b>2018</b> , 85, 460-464	1.6	8
131	Delineation of Neuroprotective Effects and Possible Benefits of Antioxidants Therapy for the Treatment of Alzheimer's Diseases by Targeting Mitochondrial-Derived Reactive Oxygen Species: Bench to Bedside. <i>Molecular Neurobiology</i> , <b>2021</b> , 59, 657	6.2	8
130	Therapeutic Interventions for the Suppression of Alzheimer's Disease: Quest for a Remedy. <i>Current Drug Metabolism</i> , <b>2015</b> , 16, 346-53	3.5	8
129	Potential Linkage Between Cerebrovascular Diseases and Metabolic Syndrome. <i>Current Drug Metabolism</i> , <b>2017</b> , 18, 62-68	3.5	8
128	Graphene Oxide Based Metallic Nanoparticles and their Some Biological and Environmental Application. <i>Current Drug Metabolism</i> , <b>2017</b> , 18, 1020-1029	3.5	8
127	How Cancer Cells Resist Chemotherapy: Design and Development of Drugs Targeting Protein-Protein Interactions. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 394-412	3	8
126	Exploring Flavonoids for Potential Inhibitors of a Cancer Signaling Protein PI3K Kinase Using Computational Methods. <i>Anticancer Research</i> , <b>2020</b> , 40, 4547-4556	2.3	8
125	Antioxidant and Signal-Modulating Effects of Brown Seaweed-Derived Compounds against Oxidative Stress-Associated Pathology. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 9974890	6.7	8

124	Reno-protective effect of garlic extract against immobilization stress induced changes in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2015</b> , 5, 364-369	1.4	7
123	Developmental lead (Pb)-induced deficits in redox and bioenergetic status of cerebellar synapses are ameliorated by ascorbate supplementation. <i>Toxicology</i> , <b>2020</b> , 440, 152492	4.4	7
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