

Gjumrakch Aliev

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.

236
papers

11,413
citations

47
h-index

103
g-index

271
ext. papers

12,888
ext. citations

4.5
avg, IF

5.9
L-index

#	Paper	IF	Citations
236	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
235	Oxidative damage is the earliest event in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001 , 60, 759-67	3.1	1363
234	Mitochondrial abnormalities in Alzheimer's disease. <i>Journal of Neuroscience</i> , 2001 , 21, 3017-23	6.6	962
233	Activation and redistribution of c-jun N-terminal kinase/stress activated protein kinase in degenerating neurons in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2001 , 76, 435-41	6	368
232	Role of mitochondrial dysfunction in Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2002 , 70, 357-60	4.4	280
231	Microtubule reduction in Alzheimer's disease and aging is independent of tau filament formation. <i>American Journal of Pathology</i> , 2003 , 162, 1623-7	5.8	252
230	Is oxidative damage the fundamental pathogenic mechanism of Alzheimer's and other neurodegenerative diseases?. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1475-9	7.8	222
229	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> , 2016 , 6, 27689	4.9	190
228	Nucleic acid oxidation in Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1493-505	7.8	163
227	Vascular oxidative stress in Alzheimer disease. <i>Journal of the Neurological Sciences</i> , 2007 , 257, 240-6	3.2	140
226	Mitochondrial abnormalities and oxidative imbalance in Alzheimer disease. <i>Journal of Alzheimer's Disease</i> , 2006 , 9, 147-53	4.3	134
225	Increased autophagic degradation of mitochondria in Alzheimer disease. <i>Autophagy</i> , 2007 , 3, 614-5	10.2	128
224	Autophagocytosis of mitochondria is prominent in Alzheimer disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007 , 66, 525-32	3.1	121
223	The role of oxidative stress in the pathophysiology of cerebrovascular lesions in Alzheimer's disease. <i>Brain Pathology</i> , 2002 , 12, 21-35	6	118
222	Role of vascular hypoperfusion-induced oxidative stress and mitochondria failure in the pathogenesis of Alzheimer disease. <i>Neurotoxicity Research</i> , 2003 , 5, 491-504	4.3	113
221	Inflammatory Mechanisms and Oxidative Stress as Key Factors Responsible for Progression of Neurodegeneration: Role of Brain Innate Immune System. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 329-36	2.6	106
220	Oxidative stress: the old enemy in Alzheimer's disease pathophysiology. <i>Current Alzheimer Research</i> , 2005 , 2, 403-8	3	104

219	Alzheimer-specific epitopes of tau represent lipid peroxidation-induced conformations. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 746-54	7.8	102
218	Oxidative stress mediated mitochondrial and vascular lesions as markers in the pathogenesis of Alzheimer disease. <i>Current Medicinal Chemistry</i> , 2014 , 21, 2208-17	4.3	101
217	Inhibition of vascular nitric oxide after rat chronic brain hypoperfusion: spatial memory and immunocytochemical changes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 663-72	7.3	97
216	Neuroinflammation in Alzheimer's Disease: The Preventive and Therapeutic Potential of Polyphenolic Nutraceuticals. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017 , 108, 33-57	5.3	96
215	The role of polyphenolic antioxidants in health, disease, and aging. <i>Rejuvenation Research</i> , 2010 , 13, 631-48	4.8	96
214	Neuronal RNA oxidation in Alzheimer's disease and Down's syndrome. <i>Annals of the New York Academy of Sciences</i> , 1999 , 893, 362-4	6.5	95
213	Antioxidant therapy in Alzheimer's disease: theory and practice. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008 , 8, 1395-406	3.2	95
212	Oxidative damage in Alzheimer's disease: the metabolic dimension. <i>International Journal of Developmental Neuroscience</i> , 2000 , 18, 417-21	2.7	94
211	Mitochondrial failures in Alzheimer's disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2004 , 19, 345-52	2.5	92
210	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> , 2016 , 6, 36761	4.9	90
209	Alzheimer disease: evidence for a central pathogenic role of iron-mediated reactive oxygen species. <i>Journal of Alzheimer's Disease</i> , 2004 , 6, 165-9	4.3	86
208	Neuronal mitochondrial amelioration by feeding acetyl-L-carnitine and lipoic acid to aged rats. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 320-33	5.6	85
207	Mitochondria and vascular lesions as a central target for the development of Alzheimer's disease and Alzheimer disease-like pathology in transgenic mice. <i>Neurological Research</i> , 2003 , 25, 665-74	2.7	85
206	Brain mitochondria as a primary target in the development of treatment strategies for Alzheimer disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1989-2004	5.6	78
205	Meet Our Editorial Board Members:. <i>Current Genomics</i> , 2015 , 16, 213-213	2.6	78
204	Atherosclerotic lesions and mitochondria DNA deletions in brain microvessels as a central target for the development of human AD and AD-like pathology in aged transgenic mice. <i>Annals of the New York Academy of Sciences</i> , 2002 , 977, 45-64	6.5	77
203	The effect of acetyl-L-carnitine and R-alpha-lipoic acid treatment in ApoE4 mouse as a model of human Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2009 , 283, 199-206	3.2	74
202	Nitric oxide as an initiator of brain lesions during the development of Alzheimer disease. <i>Neurotoxicity Research</i> , 2009 , 16, 293-305	4.3	73

201	Flavones from root of <i>Scutellaria baicalensis</i> Georgi: drugs of the future in neurodegeneration?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 184-91	2.6	70
200	Antioxidants in health, disease and aging. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 192-207	6	69
199	Mitochondria as a primary target for vascular hypoperfusion and oxidative stress in Alzheimer's disease. <i>Mitochondrion</i> , 2004 , 4, 649-63	4.9	65
198	The Possibility of an Infectious Etiology of Alzheimer Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 4479-4491	6.1	64
197	Positive modulators of the $\alpha 7$ nicotinic receptor against neuroinflammation and cognitive impairment in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2016 , 144, 142-57	10.9	61
196	Conjugates of β -Carbolines and Phenothiazine as new selective inhibitors of butyrylcholinesterase and blockers of NMDA receptors for Alzheimer Disease. <i>Scientific Reports</i> , 2015 , 5, 13164	4.9	59
195	Overexpression of GRK2 in Alzheimer disease and in a chronic hypoperfusion rat model is an early marker of brain mitochondrial lesions. <i>Neurotoxicity Research</i> , 2006 , 10, 43-56	4.3	58
194	Sleep Disorders Associated With Alzheimer's Disease: A Perspective. <i>Frontiers in Neuroscience</i> , 2018 , 12, 330	5.1	52
193	Synthesis of new secretory phospholipase A2-inhibitory indole containing isoxazole derivatives as anti-inflammatory and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 289-297	6.8	51
192	The cytochrome P450 isoenzyme and some new opportunities for the prediction of negative drug interaction in vivo. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 1147-1156	4.4	51
191	Microbial Enzymatic Degradation of Biodegradable Plastics. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 429-440	2.6	49
190	Mitochondria DNA deletions in atherosclerotic hypoperfused brain microvessels as a primary target for the development of Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2005 , 229-230, 285-92	3.2	48
189	Atherosclerotic lesions and mitochondria DNA deletions in brain microvessels: implication in the pathogenesis of Alzheimer's disease. <i>Vascular Health and Risk Management</i> , 2008 , 4, 721-30	4.4	46
188	A metabolic basis for Alzheimer disease. <i>Neurochemical Research</i> , 2003 , 28, 1549-52	4.6	45
187	Alterations in Glucose Metabolism on Cognition: A Possible Link Between Diabetes and Dementia. <i>Current Pharmaceutical Design</i> , 2016 , 22, 812-8	3.3	45
186	Type 3 Diabetes Mellitus: A Novel Implication of Alzheimers Disease. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1331-1335	3	44
185	Sphingosine kinase and sphingosine-1-phosphate receptor signaling pathway in inflammatory gastrointestinal disease and cancers: A novel therapeutic target. <i>Pharmacology & Therapeutics</i> , 2020 , 207, 107464	13.9	44
184	Integrated treatment approach improves cognitive function in demented and clinically depressed patients. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2005 , 20, 21-6	2.5	43

183	Novel conjugates of aminoadamantanes with carbazole derivatives as potential multitarget agents for AD treatment. <i>Scientific Reports</i> , 2017 , 7, 45627	4.9	42
182	Mitochondrial mutations and mitoeigenetics: Focus on regulation of oxidative stress-induced responses in breast cancers. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	41
181	Gliomas: New Perspectives in Diagnosis, Treatment and Prognosis. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1438-1447	3	40
180	Mild cognitive impairment due to Alzheimer disease: Contemporary approaches to diagnostics and pharmacological intervention. <i>Pharmacological Research</i> , 2018 , 129, 216-226	10.2	38
179	Pathogenesis of Alzheimer disease: role of oxidative stress, amyloid- β peptides, systemic ammonia and erythrocyte energy metabolism. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 112-9	2.6	36
178	Mitochondrion-specific antioxidants as drug treatments for Alzheimer disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 149-62	2.6	36
177	Oxidative stress induced mitochondrial DNA deletion as a hallmark for the drug development in the context of the cerebrovascular diseases. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2011 , 6, 222-41		35
176	Novel Therapeutic Strategies for Dementia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 141-241		34
175	Astrocytes and endoplasmic reticulum stress: A bridge between obesity and neurodegenerative diseases. <i>Progress in Neurobiology</i> , 2017 , 158, 45-68	10.9	33
174	Link between cancer and Alzheimer disease via oxidative stress induced by nitric oxide-dependent mitochondrial DNA overproliferation and deletion. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 962984	6.7	33
173	Oxidative damage and Alzheimer's disease: are antioxidant therapies useful?. <i>Drug News and Perspectives</i> , 2005 , 18, 13-9		33
172	Molecular mechanisms of drug photodegradation and photosensitization. <i>Current Pharmaceutical Design</i> , 2016 , 22, 768-82	3.3	32
171	Ginkgo biloba as an Alternative Medicine in the Treatment of Anxiety in Dementia and other Psychiatric Disorders. <i>Current Drug Metabolism</i> , 2017 , 18, 112-119	3.5	31
170	Dimebon attenuates the A β -induced mitochondrial permeabilization. <i>Current Alzheimer Research</i> , 2014 , 11, 422-9	3	31
169	Glutenase and collagenase activities of wheat cysteine protease Triticain- β feasibility for enzymatic therapy assays. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 62, 115-24	5.6	30
168	Labeling of cerebral amyloid beta deposits in vivo using intranasal basic fibroblast growth factor and serum amyloid P component in mice. <i>Journal of Nuclear Medicine</i> , 2002 , 43, 1044-51	8.9	30
167	Alterations of Astrocytes in the Context of Schizophrenic Dementia. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1612	5.6	29
166	Depression of endothelial nitric oxide synthase but increased expression of endothelin-1 immunoreactivity in rat thoracic aortic endothelium associated with long-term, but not short-term, sympathectomy. <i>Circulation Research</i> , 1996 , 79, 317-23	15.7	29

165	Antioxidant status and energy state of erythrocytes in Alzheimer dementia: probing for markers. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 926-32	2.6	29
164	Oxidative Stress Induced Mitochondrial Failure and Vascular Hypoperfusion as a Key Initiator for the Development of Alzheimer Disease. <i>Pharmaceuticals</i> , 2010 , 3, 158-187	5.2	28
163	Medicinal Plants as Protective Strategies Against Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4180-4188	3.3	28
162	Nanotechnology for Alzheimer Disease. <i>Current Alzheimer Research</i> , 2017 , 14, 1182-1189	3	28
161	Extracellular vesicles in cancer nanomedicine. <i>Seminars in Cancer Biology</i> , 2021 , 69, 212-225	12.7	28
160	Hydroxynonenal-generated crosslinking fluorophore accumulation in Alzheimer disease reveals a dichotomy of protein turnover. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 699-704	7.8	27
159	Neuroimmune Crosstalk in CNS Disorders: The Histamine Connection. <i>Current Pharmaceutical Design</i> , 2016 , 22, 819-48	3.3	27
158	Blockade of Neuroglobin Reduces Protection of Conditioned Medium from Human Mesenchymal Stem Cells in Human Astrocyte Model (T98G) Under a Scratch Assay. <i>Molecular Neurobiology</i> , 2018 , 55, 2285-2300	6.2	26
157	Atherosclerotic lesions are associated with increased immunoreactivity for inducible nitric oxide synthase and endothelin-1 in thoracic aortic intimal cells of hyperlipidemic Watanabe rabbits. <i>Experimental and Molecular Pathology</i> , 2001 , 71, 40-54	4.4	26
156	Hypoperfusion, Mitochondria Failure, Oxidative Stress, and Alzheimer Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2003 , 2003, 162-163		25
155	Is nitric oxide a key target in the pathogenesis of brain lesions during the development of Alzheimer's disease?. <i>Neurological Research</i> , 2004 , 26, 547-53	2.7	25
154	Age-related defects in erythrocyte 2,3-diphosphoglycerate metabolism in dementia 2013 , 4, 244-55		24
153	The GRK2 Overexpression Is a Primary Hallmark of Mitochondrial Lesions during Early Alzheimer Disease. <i>Cardiovascular Psychiatry and Neurology</i> , 2009 , 2009, 327360		24
152	Growth Factors and Astrocytes Metabolism: Possible Roles for Platelet Derived Growth Factor. <i>Medicinal Chemistry</i> , 2016 , 12, 204-10	1.8	24
151	Is non-genetic Alzheimer's disease a vascular disorder with neurodegenerative consequences?. <i>Journal of Alzheimer's Disease</i> , 2002 , 4, 513-6	4.3	23
150	Implication of Green Tea as a Possible Therapeutic Approach for Parkinson Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 292-300	2.6	23
149	Preventive and Therapeutic Potentials of Anthocyanins in Diabetes and Associated Complications. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5347-5371	4.3	22
148	Recent Updates on the Dynamic Association Between Oxidative Stress and Neurodegenerative Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 310-20	2.6	22

147	Anthocyanins: Multi-Target Agents for Prevention and Therapy of Chronic Diseases. <i>Current Pharmaceutical Design</i> , 2017 , 23, 6321-6346	3.3	21
146	Therapeutic Potentials of Triterpenes in Diabetes and its Associated Complications. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2532-42	3	21
145	Alzheimer's Disease - Future Therapy Based on Dendrimers. <i>Current Neuropharmacology</i> , 2019 , 17, 288-294		21
144	The role of nitric oxide in the pathogenesis of brain lesions during the development of Alzheimer's disease. <i>In Vivo</i> , 2004 , 18, 325-33	2.3	21
143	Mitochondria-targeted antioxidant SkQ1 reverses glaucomatous lesions in rabbits. <i>Frontiers in Bioscience - Landmark</i> , 2015 , 20, 892-901	2.8	20
142	Is VEGF a Key Target of Cotinine and Other Potential Therapies Against Alzheimer Disease?. <i>Current Alzheimer Research</i> , 2017 , 14, 1155-1163	3	20
141	Histone modifications in epigenetic regulation of cancer: Perspectives and achieved progress. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	20
140	Effects of coenzyme Q and creatine supplementation on brain energy metabolism in rats exposed to chronic cerebral hypoperfusion. <i>Current Alzheimer Research</i> , 2011 , 8, 868-75	3	19
139	The Innate Immunity in Alzheimer Disease- Relevance to Pathogenesis and Therapy. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3582-8	3.3	19
138	Implications of farnesyltransferase and its inhibitors as a promising strategy for cancer therapy. <i>Seminars in Cancer Biology</i> , 2019 , 56, 128-134	12.7	19
137	Conditioned Medium of Human Adipose Mesenchymal Stem Cells Increases Wound Closure and Protects Human Astrocytes Following Scratch Assay In Vitro. <i>Molecular Neurobiology</i> , 2018 , 55, 5377-5392	6.2	17
136	Beyond mitochondria, what would be the energy source of the cell?. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015 , 15, 32-41	1.8	17
135	Will preventing protein aggregates live up to its promise as prophylaxis against neurodegenerative diseases?. <i>Brain Pathology</i> , 2003 , 13, 630-8	6	17
134	Serum amyloid P is not present in amyloid beta deposits of a transgenic animal model. <i>NeuroReport</i> , 1999 , 10, 3229-32	1.7	17
133	Relationship between chronic disturbance of 2,3-diphosphoglycerate metabolism in erythrocytes and Alzheimer disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 113-23	2.6	17
132	Decreased constitutive nitric oxide synthase, but increased inducible nitric oxide synthase and endothelin-1 immunoreactivity in aortic endothelial cells of donryu rats on a cholesterol-enriched diet. <i>The Anatomical Record</i> , 2000 , 260, 16-25		16
131	Nicotine-Derived Compounds as Therapeutic Tools Against Post-Traumatic Stress Disorder. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3589-95	3.3	16
130	RGD-based Therapy: Principles of Selectivity. <i>Current Pharmaceutical Design</i> , 2016 , 22, 932-52	3.3	16

129	Dysbiosis is one of the risk factor for stroke and cognitive impairment and potential target for treatment. <i>Pharmacological Research</i> , 2021 , 164, 105277	10.2	15
128	Metabolic Abnormalities of Erythrocytes as a Risk Factor for Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2017 , 11, 728	5.1	14
127	In vivo and in vitro assessment of brain bioenergetics in aging rats. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2667-74	5.6	14
126	The Links between Parkinson's Disease and Cancer. <i>Biomedicines</i> , 2020 , 8,	4.8	14
125	Portacaval shunting causes differential mitochondrial superoxide production in brain regions. <i>Free Radical Biology and Medicine</i> , 2017 , 113, 109-118	7.8	13
124	Immunocytochemical characterization of Alzheimer disease hallmarks in APP/PS1 transgenic mice treated with a new anti-amyloid- β vaccine. <i>BioMed Research International</i> , 2013 , 2013, 709145	3	13
123	Approaches for the Development of Drugs for Treatment of Obesity and Metabolic Syndrome. <i>Current Pharmaceutical Design</i> , 2016 , 22, 895-903	3.3	13
122	Can miRNAs Be Considered as Diagnostic and Therapeutic Molecules in Ischemic Stroke Pathogenesis?-Current Status. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
121	Implications of nanotechnology for the treatment of cancer: Recent advances. <i>Seminars in Cancer Biology</i> , 2021 , 69, 190-199	12.7	13
120	Increased Pain Sensitivity in Obese Patients After Lung Cancer Surgery. <i>Frontiers in Pharmacology</i> , 2019 , 10, 626	5.6	12
119	Impact of amyloid β 5-35 on membrane stability, energy metabolism, and antioxidant enzymes in erythrocytes. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014 , 29, 685-95	2.5	12
118	Mitochondrial Permeability Transition Pore as a Suitable Target for Neuroprotective Agents Against Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 677-685	2.6	12
117	Conjugates of methylene blue with β -carboline derivatives as new multifunctional agents for the treatment of neurodegenerative diseases. <i>Scientific Reports</i> , 2019 , 9, 4873	4.9	11
116	Novel Approaches in Astrocyte Protection: from Experimental Methods to Computational Approaches. <i>Journal of Molecular Neuroscience</i> , 2016 , 58, 483-92	3.3	11
115	Extracts of Protect Astrocytic Cells Under Oxidative Stress With Rotenone. <i>Frontiers in Chemistry</i> , 2018 , 6, 276	5	11
114	Advances in Medicinal Plants with Effects on Anxiety Behavior Associated to Mental and Health Conditions. <i>Current Medicinal Chemistry</i> , 2017 , 24, 411-423	4.3	11
113	Applications of Multi-Target Computer-Aided Methodologies in Molecular Design of CNS Drugs. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5293-5314	4.3	11
112	Insulin Resistance in Alzheimer Disease: p53 and MicroRNAs as Important Players. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1429-1437	3	11

111	The Role of Exosomes in Stemness and Neurodegenerative Diseases-Chemoresistant-Cancer Therapeutics and Phytochemicals. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
110	Neurophysiology and Psychopathology Underlying PTSD and Recent Insights into the PTSD Therapies-A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
109	Neuroprotective Effects of the Securinine-Analogues: Identification of Allomargaritarine as a Lead Compound. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 102-7	2.6	11
108	Medicinal Plants as a Potential and Successful Treatment Option in the Context of Atherosclerosis. <i>Frontiers in Pharmacology</i> , 2020 , 11, 403	5.6	11
107	Probiotics: Supplements, Food, Pharmaceutical Industry 2018 , 15-25		10
106	The Key Role of Oxidative Stress in Alzheimer's Disease 2007 , 267-281		10
105	Alzheimer disease and type 2 diabetes mellitus: the link to tyrosine hydroxylase and probable nutritional strategies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 467-77	2.6	10
104	Microglial dependent protective effects of neuroactive steroids. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 242-9	2.6	10
103	The protective effect of piperine against isoproterenol-induced inflammation in experimental models of myocardial toxicity. <i>European Journal of Pharmacology</i> , 2020 , 885, 173524	5.3	10
102	Malignant Transformation and Associated Biomarkers of Ovarian Endometriosis: A Narrative Review. <i>Advances in Therapy</i> , 2020 , 37, 2580-2603	4.1	9
101	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> , 2013 , 28, 660-70	2.5	9
100	Pyridoxine dipharmacophore derivatives as potent glucokinase activators for the treatment of type 2 diabetes mellitus. <i>Scientific Reports</i> , 2017 , 7, 16072	4.9	9
99	Insights into cerebrovascular complications and Alzheimer disease through the selective loss of GRK2 regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 853-65	5.6	9
98	Drug therapy in Alzheimer's disease. <i>New England Journal of Medicine</i> , 2004 , 351, 1911-3; author reply 1911-3	59.2	9
97	A proteomics based approach for the identification of gastric cancer related markers. <i>Current Pharmaceutical Design</i> , 2016 , 22, 804-11	3.3	9
96	Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4475-4483	3.3	9
95	Ca ²⁺ -myristoyl switch in neuronal calcium sensor-1: a role of C-terminal segment. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 437-51	2.6	9
94	Nanoparticles as Alternative Strategies for Drug Delivery to the Alzheimer Brain: Electron Microscopy Ultrastructural Analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 1235-42	2.6	9

93	Securinine Derivatives as Potential Anti-amyloid Therapeutic Approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 351-355	2.6	9
92	New Therapeutic Property of Dimebon as a Neuroprotective Agent. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5315-5326	4.3	8
91	Cotinine: A Therapy for Memory Extinction in Post-traumatic Stress Disorder. <i>Molecular Neurobiology</i> , 2018 , 55, 6700-6711	6.2	8
90	Exosomes: Insights from Retinoblastoma and Other Eye Cancers. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
89	Can Probiotics Cure Inflammatory Bowel Diseases?. <i>Current Pharmaceutical Design</i> , 2016 , 22, 904-17	3.3	8
88	Updates on the Production of Therapeutic Antibodies Using Human Hybridoma Technique. <i>Current Pharmaceutical Design</i> , 2016 , 22, 870-8	3.3	8
87	Urotensin II: Molecular Mechanisms of Biological Activity. <i>Current Protein and Peptide Science</i> , 2018 , 19, 924-934	2.8	8
86	How Cancer Cells Resist Chemotherapy: Design and Development of Drugs Targeting Protein-Protein Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 394-412	3	8
85	The Links between Cardiovascular Diseases and Alzheimer's Disease. <i>Current Neuropharmacology</i> , 2021 , 19, 152-169	7.6	8
84	Circular RNAs as biomarkers and therapeutic targets in cancer. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	8
83	Synthesis of Saccharumoside-B analogue with potential of antiproliferative and pro-apoptotic activities. <i>Scientific Reports</i> , 2017 , 7, 8309	4.9	7
82	Application of Monoterpenoids and their Derivatives for Treatment of Neurodegenerative Disorders. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5327-5346	4.3	7
81	Dopaminergic Neuroprotection with Atremorine in Parkinson's Disease. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5372-5388	4.3	7
80	Super aggregated form of Amphotericin B: a novel way to increase its therapeutic index. <i>Current Pharmaceutical Design</i> , 2016 , 22, 792-803	3.3	7
79	The crucial role of epigenetic regulation in breast cancer anti-estrogen resistance: Current findings and future perspectives. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	7
78	Ocular Paraneoplastic Syndromes. <i>Biomedicines</i> , 2020 , 8,	4.8	7
77	A Critical Appraisal of Different Food Safety and Quality Management Tools to Accomplish Food Safety 2018 , 1-12		7
76	Application of Acyzol in the Context of Zinc Deficiency and Perspectives. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6

75	Design of a hybrid nanostructure based on fullerene C60 and biologically active substance for modeling physiological properties of compounds. <i>Russian Chemical Bulletin</i> , 2014 , 63, 2375-2382	1.7	6
74	Stem cell niches as clinical targets: the future of anti-ischemic therapy?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008 , 5, 590-1		6
73	Glycolytic and Proteolytic Metabolism in Erythrocytes from Elderly and Demented Patients. <i>American Journal of Neuroprotection and Neuroregeneration</i> , 2012 , 4, 73-77		6
72	Prophylactic Admission of an In Vitro Reconstructed Complexes of Human Recombinant Heat Shock Proteins and Melanoma Antigenic Peptides Activates Anti-Melanoma Responses in Mice. <i>Current Molecular Medicine</i> , 2015 , 15, 462-8	2.5	6
71	A synopsis on the linkage between age-related dementias and vascular disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 250-8	2.6	6
70	The Current Status and Challenges in the Development of Vaccines and Drugs against Severe Acute Respiratory Syndrome-Corona Virus-2 (SARS-CoV-2). <i>BioMed Research International</i> , 2021 , 2021, 8160860 ³		6
69	The Effect of Short-Term Physical Activity on the Oxidative Stress in Rats with Different Stress Resistance Profiles in Cerebral Hypoperfusion. <i>Molecular Neurobiology</i> , 2020 , 57, 3014-3026	6.2	5
68	Specific Cholinesterase Inhibitors: A Potential Tool to Assist in Management of Alzheimer Disease 2014 , 366-386		5
67	Late-life Depression and Alzheimer Disease: A Potential Synergy of the Underlying Mechanisms. <i>Current Medicinal Chemistry</i> , 2018 , 25, 5389-5394	4.3	5
66	E-MHK-0103 (Mineraxin) A Novel Nutraceutical with Biological Properties in Menopausal Conditions. <i>Current Drug Metabolism</i> , 2017 , 18, 39-49	3.5	5
65	A Systematic Analysis of Pathogenic Islands for Identification of Novel Drug Target Candidates. <i>Current Genomics</i> , 2017 , 18, 450-465	2.6	5
64	Cerebrospinal Fluid, Brain Electrolytes Balance, and the Unsuspected Intrinsic Property of Melanin to Dissociate the Water Molecule. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 743-756	2.6	5
63	MiRNAs as Noninvasive Biomarkers and Therapeutic Agents of Pituitary Adenomas. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
62	Pharmacological Aspects of Neuro-Immune Interactions. <i>Current Pharmaceutical Design</i> , 2018 , 24, 15-21	3.3	5
61	Mitochondrial abnormalities mark vulnerable neurons in APP YAC transgenic mice. <i>Neurobiology of Aging</i> , 2000 , 21, 267	5.6	4
60	Validating Immunotherapy in Alzheimer's Disease: The EB101 Vaccine. <i>Current Pharmaceutical Design</i> , 2016 , 22, 849-58	3.3	4
59	Suicide and Suicide Attempts in Elderly Patients: An Epidemiological Analysis of Risk Factors and Prevention. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2231-2236	3.3	4
58	Implication of Gastric Cancer Molecular Genetic Markers in Surgical Practice. <i>Current Genomics</i> , 2017 , 18, 408-415	2.6	4

57	Chemosensitizing Activity of Histone Deacetylases Inhibitory Cyclic Hydroxamic Acids for Combination Chemotherapy of Lymphatic Leukemia. <i>Current Cancer Drug Targets</i> , 2018 , 18, 365-371	2.8	4
56	Biological Activities of QIAP1 as a Melanin Precursor and Its Therapeutic Effects in Wistar Rats Exposed to Arsenic Poisoning. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015 , 15, 99-108	1.8	4
55	Implication of oncogenic signaling pathways as a treatment strategy for neurodegenerative disorders - contemporary approaches. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 175-83	2.6	4
54	Role of Microfluidics in Blood-Brain Barrier Permeability Cell Culture Modeling: Relevance to CNS Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 301-9	2.6	4
53	Classification (Agonist/Antagonist) and Regression "Structure-Activity" Models of Drug Interaction with 5-HT6. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018 , 18, 213-221	1.8	4
52	Computational Analysis and Functional Prediction of Ubiquitin Hypothetical Protein: A Possible Target in Parkinson Disease. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015 , 16, 4-11	1.8	3
51	Medicinal plants in management of type 2 diabetes and neurodegenerative disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 686872	2.3	3
50	Approaches of the Transcriptomic Analysis in Astrocytes: Potential Pharmacological Targets. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4189-4197	3.3	3
49	The Role of Mitochondria in Piperine Mediated Cardioprotection in Isoproterenol Induced Myocardial Ischemia. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2975-2989	3.3	3
48	PeMtb: A Database of MHC Antigenic Peptide of Mycobacterium tuberculosis. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 648-652	2.6	3
47	The Association of Sleep Disorders, Obesity and Sleep-Related Hypoxia with Cancer. <i>Current Genomics</i> , 2020 , 21, 444-453	2.6	3
46	The Use of Fibrin-based Tissue Adhesives for Breast in Reconstructive and Plastic Surgery. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2985-2990	3	3
45	Feasibility of Targeting Glioblastoma Stem Cells: From Concept to Clinical Trials. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2974-2984	3	3
44	Sleep Disturbances and Cognitive Impairment in the Course of Type 2 Diabetes-A Possible Link. <i>Current Neuropharmacology</i> , 2021 , 19, 78-91	7.6	3
43	The prevalence of epilepsy in the Nakhichevan Autonomous Republic of Azerbaijan. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 102-9	2.6	3
42	Differential up-regulation of ammonia detoxifying enzymes in cerebral cortex, cerebellum, hippocampus, striatum and liver in hyperammonemia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1089-95	2.6	3
41	A 60-month follow-up of a naturalistic study of integrative treatment for real-life geriatric patients with depression, dementia and multiple chronic illnesses. <i>Open Journal of Psychiatry</i> , 2012 , 02, 129-140	0.2	3
40	Comparing the Treatment of Congenital Spine Deformity Using Freehand Techniques In Vivo and 3D-Printed Templates In Vitro (Prospective-Retrospective Single-Center Analytical Single-Cohort Study). <i>Advances in Therapy</i> , 2020 , 37, 402-419	4.1	3

39	Recent Reports on Redox Stress-Induced Mitochondrial DNA Variations, Neuroglial Interactions, and NMDA Receptor System in Pathophysiology of Schizophrenia.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	2
38	Hypothetical Role of Growth Factors to Reduce Intervertebral Disc Degeneration Significantly through Trained Biological Transformations. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2221-2230	3.3	2
37	The Posterior Perforated Substance: A Brain Mystery Wrapped in an Enigma. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2991-2998	3	2
36	The Dawn of Mitophagy: What Do We Know by Now?. <i>Current Neuropharmacology</i> , 2021 , 19, 170-192	7.6	2
35	Can Erythrocyte Catalase Regulate Blood Pressure?. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2016 , 14, 49-52	1.9	2
34	Unsuspected Intrinsic Property of Melanin to Dissociate Water Can Be Used for the Treatment of CNS Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 135-40	2.6	2
33	The Dopaminergic Dysfunction and Altered Working Memory Performance of Aging Mice Lacking Gamma-synuclein Gene. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018 , 17, 604-607	2.6	2
32	Bladder Cancer: Update on Risk Factors, Molecular and Ultrastructural Patterns. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	2
31	Histomorphological and Functional Features of the Eutopic Endometrium in Patients with Ovarian Endometriosis After Surgery-a Clinical Study. <i>Reproductive Sciences</i> , 2021 , 28, 2350-2358	3	2
30	Novel MicroRNA Binding Site SNPs and the Risk of Clear Cell Renal Cell Carcinoma (ccRCC): A Case-Control Study. <i>Current Cancer Drug Targets</i> , 2020 ,	2.8	2
29	The mystery of claustral neural circuits and recent updates on its role in neurodegenerative pathology. <i>Behavioral and Brain Functions</i> , 2021 , 17, 8	4.1	2
28	Cardiovascular drugs and triazole based kinase inhibitors as a new strategies for the treatment of Alzheimer disease. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1151-1159	1.7	2
27	New Spirocyclic Hydroxamic Acids as Effective Antiproliferative Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 597-610	2.2	2
26	Assessment of Psychosocial Functioning of Mothers of Children with Diabetes Mellitus Compared to Mothers of Healthy Children. <i>BioMed Research International</i> , 2019 , 2019, 6821575	3	1
25	Role of Lipoid Acid and Acetyl-L-Carnitine in Dementia 2015 , 955-962		1
24	The Role of Melanin to Dissociate Oxygen from Water to Treat Retinopathy of Prematurity. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019 , 19, 215-222	1.8	1
23	Updated Understanding of the Degenerative Disc Diseases - Causes Versus Effects - Treatments, Studies and Hypothesis. <i>Current Genomics</i> , 2020 , 21, 464-477	2.6	1
22	Synthesis and Cytotoxic Activity of Azine Derivatives of 6-Hydroxyxanthanodiene. <i>Current Cancer Drug Targets</i> , 2020 , 20, 666-674	2.8	1

21	Quality of Life and Social Support in Women with Urinary Incontinence. <i>Current Women's Health Reviews</i> , 2019 , 15, 123-129	0.2	1
20	Linkage of Stress with Neuromuscular Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 321-8	2.6	1
19	A Novel Non-invasive Effective Method for Potential Treatment of Degenerative Disc Disease: A Hypothesis. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2019 , 19, 8-14	1.8	1
18	Antioxidant Status and Energy State of Erythrocytes in Alzheimer Dementia [Potential Probing for Markers 2012 , 2289-2304		1
17	Implication of Oxidative Stress-Induced Oncogenic Signaling Pathways as a Treatment Strategy for Neurodegeneration and Cancer 2011 , 2325-2347		1
16	Updated Understanding of Cancer as a Metabolic and Telomere-Driven Disease, and Proposal for Complex Personalized Treatment, a Hypothesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
15	Flavones from the Root of <i>Scutellaria baicalensis</i> Georgi [Drugs of the Future in Neurodegeneration and Neuroprotection? 2011 , 2305-2323		0
14	Influence of dopamine, noradrenaline, and serotonin transporters on the pharmacogenetics of Atremorine in Parkinson's disease. <i>Drug Development Research</i> , 2021 , 82, 695-706	5.1	0
13	A Novel Heterocyclic System Based on Natural Epoxyalantolactone. <i>Frontiers in Chemistry</i> , 2019 , 7, 655	5	
12	Preface. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015 , 15, 3	1.8	
11	Oxidative Stress-Induced Mitochondrial Damage as a Hallmark for Drug Development in the Context of the Neurodegeneration, Cardiovascular, and Cerebrovascular Diseases 2011 , 2083-2126		
10	Potential Preventive Effects of Coenzyme Q and Creatine Supplementation on Brain Energy Metabolism in Rats Exposed to Chronic Cerebral Hypoperfusion 2011 , 2033-2048		
9	The Three-Vessel Occlusion as a Model of Vascular Dementia [Oxidative Stress and Mitochondrial Failure as an Indicator of Brain Hypoperfusion 2009 , 2023-2032		
8	Atherosclerotic Lesions and Mitochondrial DNA Deletions as a Primary Hallmark of the Brain Microcirculation [Implication in the Pathogenesis of Alzheimer's Disease 2008 , 2127-2145		
7	Oxidative Damage and Antioxidant Responses in Alzheimer's Disease 2001 , 371-378		
6	The Long-Term Effect of Medically Enhancing Melanin Intrinsic Bioenergetics Capacity in Prematurity. <i>Current Genomics</i> , 2020 , 21, 525-530	2.6	
5	Mitochondrial Autophagocytosis in Alzheimer Disease. <i>FASEB Journal</i> , 2007 , 21, A73	0.9	
4	The primary pathogenetic role of vascular hypoperfusion, mitochondria failure and oxidative stress in aging and Alzheimer disease. <i>FASEB Journal</i> , 2008 , 22, 167.3	0.9	

3 Alzheimer Disease: Oxidative Stress and Compensatory Responses **2009**, 109-120

2 Extensive tracheal resection in lung cancer and tuberculosis: a case report. *BMC Pulmonary Medicine*, **2020**, 20, 197 3-5

1 Colorectal Serrated Lesions: A Current View on Clinical, Morphological, Molecular, and Genetic Diagnostic Criteria.. *Current Medicinal Chemistry*, **2021**, 28, 8496-8516 4-3