

Seyed Fazel Nabavi

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

10,962
citations

28190

55
h-index

32761

100
g-index

126
all docs

126
docs citations

126
times ranked

17614
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing polyphenol power by targeting eNOS for vascular diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2093-2118.	5.4	10
2	Targeting Hippo signaling pathway by phytochemicals in cancer therapy. <i>Seminars in Cancer Biology</i> , 2022, 80, 183-194.	4.3	15
3	Targeting epigenetics in cancer: therapeutic potential of flavonoids. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1616-1639.	5.4	38
4	Game of "crowning" season 8: RAS and reproductive hormones in COVID-19 " can we end this viral series?. <i>Archives of Medical Science</i> , 2021, 17, 275-284.	0.4	6
5	Multiple potential targets of opioids in the treatment of acute respiratory distress syndrome from COVID-19. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 591-595.	1.6	8
6	Phytostilbenes as agrochemicals: biosynthesis, bioactivity, metabolic engineering and biotechnology. <i>Natural Product Reports</i> , 2021, 38, 1282-1329.	5.2	56
7	Rationale for Effective Prophylaxis Against COVID-19 Through Simultaneous Blockade of Both Endosomal and Non-Endosomal SARS-CoV-2 Entry into Host Cell. <i>Clinical and Translational Science</i> , 2021, 14, 431-433.	1.5	5
8	Reactive oxygen species modulators in pulmonary medicine. <i>Current Opinion in Pharmacology</i> , 2021, 57, 157-164.	1.7	11
9	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 437-453.	2.9	24
10	Resveratrol and cyclodextrins, an easy alliance: Applications in nanomedicine, green chemistry and biotechnology. <i>Biotechnology Advances</i> , 2021, 53, 107844.	6.0	20
11	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , 2020, 38, 107316.	6.0	307
12	Whole-cell biocatalytic, enzymatic and green chemistry methods for the production of resveratrol and its derivatives. <i>Biotechnology Advances</i> , 2020, 39, 107461.	6.0	55
13	Oral microbiota and Alzheimer's disease: Do all roads lead to Rome?. <i>Pharmacological Research</i> , 2020, 151, 104582.	3.1	79
14	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. <i>Pharmacological Research</i> , 2020, 152, 104626.	3.1	77
15	Various interferon (IFN)-inducible transmembrane (IFITM) proteins for COVID-19, is there a role for the combination of mycophenolic acid and interferon?. <i>Biochimie</i> , 2020, 177, 50-52.	1.3	9
16	Glucose-6-phosphate dehydrogenase deficiency and SARS-CoV-2 mortality: Is there a link and what should we do?. <i>Clinical Biochemistry</i> , 2020, 86, 31-33.	0.8	6
17	Map kinase signaling as therapeutic target for neurodegeneration. <i>Pharmacological Research</i> , 2020, 160, 105090.	3.1	54
18	Lessons from SARS and MERS remind us of the possible therapeutic effects of implementing a siRNA strategy to target COVID-19: Shoot the messenger!. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10267-10269.	1.6	7

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19	Evaluation of the <i>status quo</i> of polyphenols analysis: Part I—phytochemistry, bioactivity, interactions, and industrial uses. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3191-3218.	5.9	19
20	Evaluation of the status quo of polyphenols analysis: Part II—Analysis methods and food processing effects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3219-3240.	5.9	6
21	Possible use of the mucolytic drug, bromhexine hydrochloride, as a prophylactic agent against SARS-CoV-2 infection based on its action on the Transmembrane Serine Protease 2. <i>Pharmacological Research</i> , 2020, 157, 104853.	3.1	32
22	Lessons learned from SARS-CoV and MERS-CoV: FDA-approved Abelson tyrosine-protein kinase 2 inhibitors may help us combat SARS-CoV-2. <i>Archives of Medical Science</i> , 2020, 16, 519-521.	0.4	14
23	Should We Try SARS-CoV-2 Helicase Inhibitors for COVID-19 Therapy?. <i>Archives of Medical Research</i> , 2020, 51, 733-735.	1.5	47
24	Endoplasmic reticulum as a potential therapeutic target for covid-19 infection management?. <i>European Journal of Pharmacology</i> , 2020, 882, 173288.	1.7	54
25	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 734-745.	5.7	48
26	Should we try the antiinflammatory natural product, celastrol, for COVID-19?. <i>Phytotherapy Research</i> , 2020, 34, 1189-1190.	2.8	15
27	May we target double-membrane vesicles and oxysterol-binding protein to combat SARS-CoV-2 infection?. <i>Cell Biology International</i> , 2020, 44, 1770-1772.	1.4	12
28	Possible Targets and Therapies of SARS-CoV-2 Infection. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1900-1907.	1.1	2
29	New trends in the pharmacological intervention of PPARs in obesity: Role of natural and synthetic compounds. <i>Current Medicinal Chemistry</i> , 2020, 28, 4004-4022.	1.2	2
30	Anti-inflammatory effects of Melatonin: A mechanistic review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S4-S16.	5.4	100
31	Toll-like receptors as novel therapeutic targets for herpes simplex virus infection. <i>Reviews in Medical Virology</i> , 2019, 29, e2048.	3.9	18
32	Phosphodiesterase inhibitors say NO to Alzheimer's disease. <i>Food and Chemical Toxicology</i> , 2019, 134, 110822.	1.8	52
33	Targeting BDNF signaling by natural products: Novel synaptic repair therapeutics for neurodegeneration and behavior disorders. <i>Pharmacological Research</i> , 2019, 148, 104458.	3.1	47
34	Antidepressive effects of a chemically characterized maqui berry extract (<i>Aristotelia chilensis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 434-443.	1.8	24
35	Novel therapeutic strategies for stroke: The role of autophagy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 182-199.	2.7	40
36	Genus <i>Sideritis</i> , section <i>Empedoclia</i> in southeastern Europe and Turkey — studies in ethnopharmacology and recent progress of biological activities. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 407-421.	0.9	31

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37	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019, 141, 73-84.	3.1	26
38	Down syndrome: Neurobiological alterations and therapeutic targets. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 234-255.	2.9	63
39	Targeting Hedgehog signaling pathway: Paving the road for cancer therapy. <i>Pharmacological Research</i> , 2019, 141, 466-480.	3.1	60
40	Rutin as Neuroprotective Agent: From Bench to Bedside. <i>Current Medicinal Chemistry</i> , 2019, 26, 5152-5164.	1.2	70
41	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
42	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , 2018, 36, 358-370.	6.0	137
43	Curcumin and Melanoma: From Chemistry to Medicine. <i>Nutrition and Cancer</i> , 2018, 70, 164-175.	0.9	35
44	Nrf2 targeting by sulforaphane: A potential therapy for cancer treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 1391-1405.	5.4	129
45	Apigenin as neuroprotective agent: Of mice and men. <i>Pharmacological Research</i> , 2018, 128, 359-365.	3.1	135
46	Targeting activator protein 1 signaling pathway by bioactive natural agents: Possible therapeutic strategy for cancer prevention and intervention. <i>Pharmacological Research</i> , 2018, 128, 366-375.	3.1	167
47	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. <i>Biotechnology Advances</i> , 2018, 36, 1768-1778.	6.0	56
48	Engineering stilbene metabolic pathways in microbial cells. <i>Biotechnology Advances</i> , 2018, 36, 2264-2283.	6.0	47
49	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1310.	1.6	65
50	The natural plant compound carvacrol as an antimicrobial and anti-biofilm agent: mechanisms, synergies and bio-inspired anti-infective materials. <i>Biofouling</i> , 2018, 34, 630-656.	0.8	69
51	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. <i>Cancer Letters</i> , 2018, 434, 101-113.	3.2	36
52	Targeting mTORs by omega-3 fatty acids: A possible novel therapeutic strategy for neurodegeneration?. <i>Pharmacological Research</i> , 2018, 135, 37-48.	3.1	24
53	Resveratrol and Alzheimer's Disease: Mechanistic Insights. <i>Molecular Neurobiology</i> , 2017, 54, 2622-2635.	1.9	140
54	Natural products, micronutrients, and nutraceuticals for the treatment of depression: A short review. <i>Nutritional Neuroscience</i> , 2017, 20, 180-194.	1.5	86

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55	Targeting the TLR4 signaling pathway by polyphenols: A novel therapeutic strategy for neuroinflammation. <i>Ageing Research Reviews</i> , 2017, 36, 11-19.	5.0	350
56	Hypotensive effects of genistein: From chemistry to medicine. <i>Chemico-Biological Interactions</i> , 2017, 268, 37-46.	1.7	56
57	Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer. <i>Seminars in Cancer Biology</i> , 2017, 46, 146-157.	4.3	71
58	Flavonoids and platelet aggregation: A brief review. <i>European Journal of Pharmacology</i> , 2017, 807, 91-101.	1.7	149
59	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
60	Two likely targets for the anti-cancer effect of indole derivatives from cruciferous vegetables: PI3K/Akt/mTOR signalling pathway and the aryl hydrocarbon receptor. <i>Seminars in Cancer Biology</i> , 2017, 46, 132-137.	4.3	53
61	Antimicrobial activity of eugenol and essential oils containing eugenol: A mechanistic viewpoint. <i>Critical Reviews in Microbiology</i> , 2017, 43, 668-689.	2.7	373
62	Health effects of phloretin: from chemistry to medicine. <i>Phytochemistry Reviews</i> , 2017, 16, 527-533.	3.1	66
63	A focus on resveratrol and ocular problems, especially cataract: From chemistry to medical uses and clinical relevance. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 232-241.	2.5	26
64	Phytochemicals for human disease: An update on plant-derived compounds antibacterial activity. <i>Microbiological Research</i> , 2017, 196, 44-68.	2.5	402
65	Neuroprotective effects of paeoniflorin in neurodegenerative diseases of the central nervous system. <i>Phytochemistry Reviews</i> , 2017, 16, 1173-1181.	3.1	23
66	Neuroprotective effects of honokiol: from chemistry to medicine. <i>BioFactors</i> , 2017, 43, 760-769.	2.6	57
67	Targeting signal transducers and activators of transcription (STAT) in human cancer by dietary polyphenolic antioxidants. <i>Biochimie</i> , 2017, 142, 63-79.	1.3	46
68	Molecular and Therapeutic Targets of Genistein in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 7028-7041.	1.9	61
69	Hepatoprotective effect of quercetin: From chemistry to medicine. <i>Food and Chemical Toxicology</i> , 2017, 108, 365-374.	1.8	132
70	Neuroprotective Effects of Citrus Fruit-Derived Flavonoids, Nobiletin and Tangeretin in Alzheimer's and Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 387-397.	0.8	101
71	Oleuropein and Cancer Chemoprevention: The Link is Hot. <i>Molecules</i> , 2017, 22, 705.	1.7	57
72	Dietary Anthocyanins and Insulin Resistance: When Food Becomes a Medicine. <i>Nutrients</i> , 2017, 9, 1111.	1.7	113

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73	Oleanolic Acid Alters Multiple Cell Signaling Pathways: Implication in Cancer Prevention and Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 643.	1.8	97
74	Update on Monoterpenes as Antimicrobial Agents: A Particular Focus on p-Cymene. <i>Materials</i> , 2017, 10, 947.	1.3	194
75	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
76	Daidzein and its Effects on Brain. <i>Current Medicinal Chemistry</i> , 2017, 24, 365-375.	1.2	33
77	Neuroprotective Effects of Ellagitannins: A Brief Review. <i>Current Drug Targets</i> , 2017, 18, 1518-1528.	1.0	16
78	A Mini Review on the Chemistry and Neuroprotective Effects of Silymarin. <i>Current Drug Targets</i> , 2017, 18, 1529-1536.	1.0	22
79	Chlorogenic Acid and Mental Diseases: From Chemistry to Medicine. <i>Current Neuropharmacology</i> , 2017, 15, 471-479.	1.4	82
80	Post-Stroke Depression Modulation and in Vivo Antioxidant Activity of Gallic Acid and Its Synthetic Derivatives in a Murine Model System. <i>Nutrients</i> , 2016, 8, 248.	1.7	58
81	Antidepressive-like effects and antioxidant activity of green tea and GABA green tea in a mouse model of post-stroke depression. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 566-579.	1.5	57
82	Nrf2 as molecular target for polyphenols: A novel therapeutic strategy in diabetic retinopathy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 293-312.	2.7	65
83	Ginsenoside Rb1 as a neuroprotective agent: A review. <i>Brain Research Bulletin</i> , 2016, 125, 30-43.	1.4	117
84	Antibacterial and antifungal activities of thymol: A brief review of the literature. <i>Food Chemistry</i> , 2016, 210, 402-414.	4.2	529
85	Curcumin, mitochondrial biogenesis, and mitophagy: Exploring recent data and indicating future needs. <i>Biotechnology Advances</i> , 2016, 34, 813-826.	6.0	79
86	Molecular targets of curcumin for cancer therapy: an updated review. <i>Tumor Biology</i> , 2016, 37, 13017-13028.	0.8	157
87	Pharmacological Effects of <i>Capparis spinosa</i> L.. <i>Phytotherapy Research</i> , 2016, 30, 1733-1744.	2.8	51
88	Targeting mTOR signaling by polyphenols: A new therapeutic target for ageing. <i>Ageing Research Reviews</i> , 2016, 31, 55-66.	5.0	58
89	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 892-908.	2.5	165
90	<i>Rhodiola rosea</i> L. and Alzheimer's Disease: From Farm to Pharmacy. <i>Phytotherapy Research</i> , 2016, 30, 532-539.	2.8	68

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91	Resveratrol and the mitochondria: From triggering the intrinsic apoptotic pathway to inducing mitochondrial biogenesis, a mechanistic view. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 727-745.	1.1	144
92	Zeaxanthin and ocular health, from bench to bedside. <i>F5-toterap5-5c</i> , 2016, 109, 58-66.	1.1	32
93	Quercetin and the mitochondria: A mechanistic view. <i>Biotechnology Advances</i> , 2016, 34, 532-549.	6.0	181
94	Epigallocatechin gallate and mitochondriaâ€”A story of life and death. <i>Pharmacological Research</i> , 2016, 104, 70-85.	3.1	133
95	Lutein and cataract: from bench to bedside. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 829-839.	5.1	50
96	Understanding genistein in cancer: The â€œgoodâ€•and the â€œbadâ€•effects: A review. <i>Food Chemistry</i> , 2016, 196, 589-600.	4.2	185
97	Neuroprotective Effects of Quercetin: From Chemistry to Medicine. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 964-975.	0.8	48
98	Antibacterial Effects of Cinnamon: From Farm to Food, Cosmetic and Pharmaceutical Industries. <i>Nutrients</i> , 2015, 7, 7729-7748.	1.7	241
99	Polyphenolic Composition of <i>Crataegus monogyna</i> Jacq.: From Chemistry to Medical Applications. <i>Nutrients</i> , 2015, 7, 7708-7728.	1.7	69
100	Kaempferol and inflammation: From chemistry to medicine. <i>Pharmacological Research</i> , 2015, 99, 1-10.	3.1	417
101	Blessings in disguise: a review of phytochemical composition and antimicrobial activity of plants belonging to the genus <i>Eryngium</i> . <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 53.	0.9	67
102	Role of quercetin as an alternative for obesity treatment: You are what you eat!. <i>Food Chemistry</i> , 2015, 179, 305-310.	4.2	239
103	Epigallocatechin-3-Gallate, a Promising Molecule for Parkinson's Disease?. <i>Rejuvenation Research</i> , 2015, 18, 257-269.	0.9	48
104	Omega-3 polyunsaturated fatty acids and cancer: lessons learned from clinical trials. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 359-380.	2.7	118
105	Genistein and Cancer: Current Status, Challenges, and Future Directions. <i>Advances in Nutrition</i> , 2015, 6, 408-419.	2.9	405
106	Ginsenoside Rd and ischemic stroke; a short review of literatures. <i>Journal of Ginseng Research</i> , 2015, 39, 299-303.	3.0	83
107	Berberine and neurodegeneration: A review of literature. <i>Pharmacological Reports</i> , 2015, 67, 970-979.	1.5	161
108	Neuroprotective effects of chrysin: From chemistry to medicine. <i>Neurochemistry International</i> , 2015, 90, 224-231.	1.9	150

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109	Molecular mechanisms underlying anticancer effects of myricetin. <i>Life Sciences</i> , 2015, 142, 19-25.	2.0	111
110	The effects of baicalein and baicalin on mitochondrial function and dynamics: A review. <i>Pharmacological Research</i> , 2015, 100, 296-308.	3.1	147
111	Luteolin as an anti-inflammatory and neuroprotective agent: A brief review. <i>Brain Research Bulletin</i> , 2015, 119, 1-11.	1.4	317
112	Plants belonging to the genus <i>Thymus</i> as antibacterial agents: From farm to pharmacy. <i>Food Chemistry</i> , 2015, 173, 339-347.	4.2	251
113	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
114	Curcumin and Liver Disease: from Chemistry to Medicine. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014, 13, 62-77.	5.9	154
115	Oxidative stress and post-stroke depression: possible therapeutic role of polyphenols?. <i>Current Medicinal Chemistry</i> , 2014, , .	1.2	2
116	Bi-3-Azaoxisoaporphine Derivatives have Antidepressive Properties in a Murine Model of Post Stroke-Depressive Like Behavior. <i>Current Neurovascular Research</i> , 2013, 10, 164-171.	0.4	6
117	<i>In Vitro</i> Antioxidant and Antihemolytic Activities of Hydroalcoholic Extracts of <i>Allium scabriscapum</i> Boiss. & Ky. Aerial Parts and Bulbs. <i>International Journal of Food Properties</i> , 2013, 16, 713-722.	1.3	25
118	Neuroprotective Effects of Methyl-3-O-methyl gallate Against Sodium Fluoride-Induced Oxidative Stress in the Brain of Rats. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 261-267.	1.7	28
119	Biological Activities of Freshwater Algae, <i>Spirogyra singularis</i> Nordstedt. <i>Journal of Aquatic Food Product Technology</i> , 2013, 22, 58-65.	0.6	22
120	Mitigating role of quercetin against sodium fluoride-induced oxidative stress in the rat brain. <i>Pharmaceutical Biology</i> , 2012, 50, 1380-1383.	1.3	28
121	Bioremediation of toxic metals mercury and cesium using three types of biosorbent: bacterial exopolymer, gall nut, and oak fruit particles. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1670-1677.	0.6	10
122	Nephroprotective effect of aqueous extract of aerial parts of <i>Hypericum scabrum</i> L.. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 779-785.	0.6	2
123	Protective effect of quercetin against sodium fluoride induced oxidative stress in rat's heart. <i>Food and Function</i> , 2012, 3, 437.	2.1	75
124	Protective Role of Gallic Acid on Sodium Fluoride Induced Oxidative Stress in Rat Brain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 73-77.	1.3	57
125	Cytoprotective Effects of Curcumin on Sodium Fluoride-Induced Intoxication in Rat Erythrocytes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 486-490.	1.3	49
126	Determination of Trace Elements Level of Pikeperch Collected from the Caspian Sea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 401-405.	1.3	17