

Seyed Fazel Nabavi

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

10,962
citations

28274

55
h-index

32842

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. Critical Reviews in Food Science and Nutrition, 2023, 63, 2093-2118.	10.3	10
2	Targeting Hippo signaling pathway by phytochemicals in cancer therapy. Seminars in Cancer Biology, 2022, 80, 183-194.	9.6	15
3	Targeting epigenetics in cancer: therapeutic potential of flavonoids. Critical Reviews in Food Science and Nutrition, 2021, 61, 1616-1639.	10.3	38
4	Game of "crowning" season 8: RAS and reproductive hormones in COVID-19 " can we end this viral series?. Archives of Medical Science, 2021, 17, 275-284.	0.9	6
5	Multiple potential targets of opioids in the treatment of acute respiratory distress syndrome from COVID-19. Journal of Cellular and Molecular Medicine, 2021, 25, 591-595.	3.6	8
6	Phytostilbenes as agrochemicals: biosynthesis, bioactivity, metabolic engineering and biotechnology. Natural Product Reports, 2021, 38, 1282-1329.	10.3	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. Clinical and Translational Science, 2021, 14, 431-433.	3.1	5
8	Reactive oxygen species modulators in pulmonary medicine. Current Opinion in Pharmacology, 2021, 57, 157-164.	3.5	11
9	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. Neuroscience and Biobehavioral Reviews, 2021, 128, 437-453.	6.1	24
10	Resveratrol and cyclodextrins, an easy alliance: Applications in nanomedicine, green chemistry and biotechnology. Biotechnology Advances, 2021, 53, 107844.	11.7	20
11	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. Biotechnology Advances, 2020, 38, 107316.	11.7	307
12	Whole-cell biocatalytic, enzymatic and green chemistry methods for the production of resveratrol and its derivatives. Biotechnology Advances, 2020, 39, 107461.	11.7	55
13	Oral microbiota and Alzheimer's disease: Do all roads lead to Rome?. Pharmacological Research, 2020, 151, 104582.	7.1	79
14	Therapeutic potential of polyphenols in cardiovascular diseases: Regulation of mTOR signaling pathway. Pharmacological Research, 2020, 152, 104626.	7.1	77
15	Various interferon (IFN)-inducible transmembrane (IFITM) proteins for COVID-19, is there a role for the combination of mycophenolic acid and interferon?. Biochimie, 2020, 177, 50-52.	2.6	9
16	Glucose-6-phosphate dehydrogenase deficiency and SARS-CoV-2 mortality: Is there a link and what should we do?. Clinical Biochemistry, 2020, 86, 31-33.	1.9	6
17	Map kinase signaling as therapeutic target for neurodegeneration. Pharmacological Research, 2020, 160, 105090.	7.1	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!. Journal of Cellular and Molecular Medicine, 2020, 24, 10267-10269.	3.6	7

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19	Evaluation of the <i>status quo</i> of polyphenols analysis: Part Iâ€”phytochemistry, bioactivity, interactions, and industrial uses. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 3191-3218.	11.7	19
20	Evaluation of the status quo of polyphenols analysis: Part IIâ€”Analysis methods and food processing effects. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 3219-3240.	11.7	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. Pharmacological Research, 2020, 157, 104853.	7.1	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. Archives of Medical Science, 2020, 16, 519-521.	0.9	14
23	Should We Try SARS-CoV-2 Helicase Inhibitors for COVID-19 Therapy?. Archives of Medical Research, 2020, 51, 733-735.	3.3	47
24	Endoplasmic reticulum as a potential therapeutic target for covid-19 infection management?. European Journal of Pharmacology, 2020, 882, 173288.	3.5	54
25	Natural products, PGC-1 , and Duchenne muscular dystrophy. Acta Pharmaceutica Sinica B, 2020, 10, 734-745.	12.0	48
26	Should we try the antiinflammatory natural product, celastrol, for <scp>COVID</scp>â€”19?. Phytotherapy Research, 2020, 34, 1189-1190.	5.8	15
27	May we target doubleâ€”membrane vesicles and oxysterolâ€”binding protein to combat SARSâ€”CoVâ€”2 infection?. Cell Biology International, 2020, 44, 1770-1772.	3.0	12
28	Possible Targets and Therapies of SARS-CoV-2 Infection. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1900-1907.	2.4	2
29	New trends in the pharmacological intervention of PPARs in obesity: Role of natural and synthetic compounds_. Current Medicinal Chemistry, 2020, 28, 4004-4022.	2.4	2
30	Anti-inflammatory effects of Melatonin: A mechanistic review. Critical Reviews in Food Science and Nutrition, 2019, 59, S4-S16.	10.3	100
31	Tollâ€”like receptors as novel therapeutic targets for herpes simplex virus infection. Reviews in Medical Virology, 2019, 29, e2048.	8.3	18
32	Phosphodiesterase inhibitors say NO to Alzheimer's disease. Food and Chemical Toxicology, 2019, 134, 110822.	3.6	52
33	Targeting BDNF signaling by natural products: Novel synaptic repair therapeutics for neurodegeneration and behavior disorders. Pharmacological Research, 2019, 148, 104458.	7.1	47
34	Antidepressive effects of a chemically characterized maqui berry extract (Aristotelia chilensis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 434-443.	3.6	24
35	Novel therapeutic strategies for stroke: The role of autophagy. Critical Reviews in Clinical Laboratory Sciences, 2019, 56, 182-199.	6.1	40
36	Genus Sideritis, section Empedoclia in southeastern Europe and Turkey â€” studies in ethnopharmacology and recent progress of biological activities. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 407-421.	2.0	31

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37	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019, 141, 73-84.	7.1	26
38	Down syndrome: Neurobiological alterations and therapeutic targets. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 234-255.	6.1	63
39	Targeting Hedgehog signaling pathway: Paving the road for cancer therapy. <i>Pharmacological Research</i> , 2019, 141, 466-480.	7.1	60
40	Rutin as Neuroprotective Agent: From Bench to Bedside. <i>Current Medicinal Chemistry</i> , 2019, 26, 5152-5164.	2.4	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.	5.6	33
42	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , 2018, 36, 358-370.	11.7	137
43	Curcumin and Melanoma: From Chemistry to Medicine. <i>Nutrition and Cancer</i> , 2018, 70, 164-175.	2.0	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.	10.3	129
45	Apigenin as neuroprotective agent: Of mice and men. <i>Pharmacological Research</i> , 2018, 128, 359-365.	7.1	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.	7.1	167
47	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. <i>Biotechnology Advances</i> , 2018, 36, 1768-1778.	11.7	56
48	Engineering stilbene metabolic pathways in microbial cells. <i>Biotechnology Advances</i> , 2018, 36, 2264-2283.	11.7	47
49	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1310.	3.5	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.	2.2	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.	7.2	36
52	Targeting mTORs by omega-3 fatty acids: A possible novel therapeutic strategy for neurodegeneration?. <i>Pharmacological Research</i> , 2018, 135, 37-48.	7.1	24
53	Resveratrol and Alzheimer's Disease: Mechanistic Insights. <i>Molecular Neurobiology</i> , 2017, 54, 2622-2635.	4.0	140
54	Natural products, micronutrients, and nutraceuticals for the treatment of depression: A short review. <i>Nutritional Neuroscience</i> , 2017, 20, 180-194.	3.1	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.	10.9	350
56	Hypotensive effects of genistein: From chemistry to medicine. <i>Chemico-Biological Interactions</i> , 2017, 268, 37-46.	4.0	56
57	Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer. <i>Seminars in Cancer Biology</i> , 2017, 46, 146-157.	9.6	71
58	Flavonoids and platelet aggregation: A brief review. <i>European Journal of Pharmacology</i> , 2017, 807, 91-101.	3.5	149
59	Therapeutic role of sirtuins in neurodegenerative disease and their modulation by polyphenols. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 73, 39-47.	6.1	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.	9.6	53
61	Antimicrobial activity of eugenol and essential oils containing eugenol: A mechanistic viewpoint. <i>Critical Reviews in Microbiology</i> , 2017, 43, 668-689.	6.1	373
62	Health effects of phloretin: from chemistry to medicine. <i>Phytochemistry Reviews</i> , 2017, 16, 527-533.	6.5	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.	5.6	26
64	Phytochemicals for human disease: An update on plant-derived compounds antibacterial activity. <i>Microbiological Research</i> , 2017, 196, 44-68.	5.3	402
65	Neuroprotective effects of paeoniflorin in neurodegenerative diseases of the central nervous system. <i>Phytochemistry Reviews</i> , 2017, 16, 1173-1181.	6.5	23
66	Neuroprotective effects of honokiol: from chemistry to medicine. <i>BioFactors</i> , 2017, 43, 760-769.	5.4	57
67	Targeting signal transducers and activators of transcription (STAT) in human cancer by dietary polyphenolic antioxidants. <i>Biochimie</i> , 2017, 142, 63-79.	2.6	46
68	Molecular and Therapeutic Targets of Genistein in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 7028-7041.	4.0	61
69	Hepatoprotective effect of quercetin: From chemistry to medicine. <i>Food and Chemical Toxicology</i> , 2017, 108, 365-374.	3.6	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.	1.4	101
71	Oleuropein and Cancer Chemoprevention: The Link is Hot. <i>Molecules</i> , 2017, 22, 705.	3.8	57
72	Dietary Anthocyanins and Insulin Resistance: When Food Becomes a Medicine. <i>Nutrients</i> , 2017, 9, 1111.	4.1	113

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73	Oleanolic Acid Alters Multiple Cell Signaling Pathways: Implication in Cancer Prevention and Therapy. International Journal of Molecular Sciences, 2017, 18, 643.	4.1	97
74	Update on Monoterpenes as Antimicrobial Agents: A Particular Focus on p-Cymene. Materials, 2017, 10, 947.	2.9	194
75	Improvement of Antioxidant Defences and Mood Status by Oral GABA Tea Administration in a Mouse Model of Post-Stroke Depression. Nutrients, 2017, 9, 446.	4.1	31
76	Daidzein and its Effects on Brain. Current Medicinal Chemistry, 2017, 24, 365-375.	2.4	33
77	Neuroprotective Effects of Ellagitannins: A Brief Review. Current Drug Targets, 2017, 18, 1518-1528.	2.1	16
78	A Mini Review on the Chemistry and Neuroprotective Effects of Silymarin. Current Drug Targets, 2017, 18, 1529-1536.	2.1	22
79	Chlorogenic Acid and Mental Diseases: From Chemistry to Medicine. Current Neuropharmacology, 2017, 15, 471-479.	2.9	82
80	Post-Stroke Depression Modulation and in Vivo Antioxidant Activity of Gallic Acid and Its Synthetic Derivatives in a Murine Model System. Nutrients, 2016, 8, 248.	4.1	58
81	Antidepressive-like effects and antioxidant activity of green tea and GABA green tea in a mouse model of post-stroke depression. Molecular Nutrition and Food Research, 2016, 60, 566-579.	3.3	57
82	Nrf2 as molecular target for polyphenols: A novel therapeutic strategy in diabetic retinopathy. Critical Reviews in Clinical Laboratory Sciences, 2016, 53, 293-312.	6.1	65
83	Ginsenoside Rb1 as a neuroprotective agent: A review. Brain Research Bulletin, 2016, 125, 30-43.	3.0	117
84	Antibacterial and antifungal activities of thymol: A brief review of the literature. Food Chemistry, 2016, 210, 402-414.	8.2	529
85	Curcumin, mitochondrial biogenesis, and mitophagy: Exploring recent data and indicating future needs. Biotechnology Advances, 2016, 34, 813-826.	11.7	79
86	Molecular targets of curcumin for cancer therapy: an updated review. Tumor Biology, 2016, 37, 13017-13028.	1.8	157
87	Pharmacological Effects of <i>Capparis spinosa</i> L.. Phytotherapy Research, 2016, 30, 1733-1744.	5.8	51
88	Targeting mTOR signaling by polyphenols: A new therapeutic target for ageing. Ageing Research Reviews, 2016, 31, 55-66.	10.9	58
89	Bioactive effects of quercetin in the central nervous system: Focusing on the mechanisms of actions. Biomedicine and Pharmacotherapy, 2016, 84, 892-908.	5.6	165
90	<i>Rhodiola rosea</i> L. and Alzheimer's Disease: From Farm to Pharmacy. Phytotherapy Research, 2016, 30, 532-539.	5.8	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.	2.4	144
92	Zeaxanthin and ocular health, from bench to bedside. <i>F&A totterap&A</i> , 2016, 109, 58-66.	2.2	32
93	Quercetin and the mitochondria: A mechanistic view. <i>Biotechnology Advances</i> , 2016, 34, 532-549.	11.7	181
94	Epigallocatechin gallate and mitochondriaâ€”A story of life and death. <i>Pharmacological Research</i> , 2016, 104, 70-85.	7.1	133
95	Lutein and cataract: from bench to bedside. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 829-839.	9.0	50
96	Understanding genistein in cancer: The â€œgoodâ€•and the â€œbadâ€•effects: A review. <i>Food Chemistry</i> , 2016, 196, 589-600.	8.2	185
97	Neuroprotective Effects of Quercetin: From Chemistry to Medicine. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 964-975.	1.4	48
98	Antibacterial Effects of Cinnamon: From Farm to Food, Cosmetic and Pharmaceutical Industries. <i>Nutrients</i> , 2015, 7, 7729-7748.	4.1	241
99	Polyphenolic Composition of <i>Crataegus monogyna</i> Jacq.: From Chemistry to Medical Applications. <i>Nutrients</i> , 2015, 7, 7708-7728.	4.1	69
100	Kaempferol and inflammation: From chemistry to medicine. <i>Pharmacological Research</i> , 2015, 99, 1-10.	7.1	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.	2.0	67
102	Role of quercetin as an alternative for obesity treatment: You are what you eat!. <i>Food Chemistry</i> , 2015, 179, 305-310.	8.2	239
103	Epigallocatechin-3-Gallate, a Promising Molecule for Parkinson's Disease?. <i>Rejuvenation Research</i> , 2015, 18, 257-269.	1.8	48
104	Omega-3 polyunsaturated fatty acids and cancer: lessons learned from clinical trials. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 359-380.	5.9	118
105	Genistein and Cancer: Current Status, Challenges, and Future Directions. <i>Advances in Nutrition</i> , 2015, 6, 408-419.	6.4	405
106	Ginsenoside Rd and ischemic stroke; a short review of literatures. <i>Journal of Ginseng Research</i> , 2015, 39, 299-303.	5.7	83
107	Berberine and neurodegeneration: A review of literature. <i>Pharmacological Reports</i> , 2015, 67, 970-979.	3.3	161
108	Neuroprotective effects of chrysin: From chemistry to medicine. <i>Neurochemistry International</i> , 2015, 90, 224-231.	3.8	150

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109	Molecular mechanisms underlying anticancer effects of myricetin. Life Sciences, 2015, 142, 19-25.	4.3	111
110	The effects of baicalein and baicalin on mitochondrial function and dynamics: A review. Pharmacological Research, 2015, 100, 296-308.	7.1	147
111	Luteolin as an anti-inflammatory and neuroprotective agent: A brief review. Brain Research Bulletin, 2015, 119, 1-11.	3.0	317
112	Plants belonging to the genus Thymus as antibacterial agents: From farm to pharmacy. Food Chemistry, 2015, 173, 339-347.	8.2	251
113	Neuroprotective Effects of Ginkgolide B Against Ischemic Stroke: A Review of Current Literature. Current Topics in Medicinal Chemistry, 2015, 15, 2222-2232.	2.1	70
114	Curcumin and Liver Disease: from Chemistry to Medicine. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 62-77.	11.7	154
115	Oxidative stress and post-stroke depression: possible therapeutic role of polyphenols?. Current Medicinal Chemistry, 2014, , .	2.4	2
116	Bi-3-Azaoxisoaporphine Derivatives have Antidepressive Properties in a Murine Model of Post Stroke-Depressive Like Behavior. Current Neurovascular Research, 2013, 10, 164-171.	1.1	6
117	<i>In Vitro</i> Antioxidant and Antihemolytic Activities of Hydroalcoholic Extracts of <i>Allium scabriscapum</i> Boiss. & Ky. Aerial Parts and Bulbs. International Journal of Food Properties, 2013, 16, 713-722.	3.0	25
118	Neuroprotective Effects of Methyl-3-O-methyl gallate Against Sodium Fluoride-Induced Oxidative Stress in the Brain of Rats. Cellular and Molecular Neurobiology, 2013, 33, 261-267.	3.3	28
119	Biological Activities of Freshwater Algae, <i>Spirogyra singularis</i> Nordstedt. Journal of Aquatic Food Product Technology, 2013, 22, 58-65.	1.4	22
120	Mitigating role of quercetin against sodium fluoride-induced oxidative stress in the rat brain. Pharmaceutical Biology, 2012, 50, 1380-1383.	2.9	28
121	Bioremediation of toxic metals mercury and cesium using three types of biosorbent: bacterial exopolymer, gall nut, and oak fruit particles. Toxicological and Environmental Chemistry, 2012, 94, 1670-1677.	1.2	10
122	Nephroprotective effect of aqueous extract of aerial parts of <i>Hypericum scabrum</i> L.. Toxicological and Environmental Chemistry, 2012, 94, 779-785.	1.2	2
123	Protective effect of quercetin against sodium fluoride induced oxidative stress in rat's heart. Food and Function, 2012, 3, 437.	4.6	75
124	Protective Role of Gallic Acid on Sodium Fluoride Induced Oxidative Stress in Rat Brain. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 73-77.	2.7	57
125	Cytoprotective Effects of Curcumin on Sodium Fluoride-Induced Intoxication in Rat Erythrocytes. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 486-490.	2.7	49
126	Determination of Trace Elements Level of Pikeperch Collected from the Caspian Sea. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 401-405.	2.7	17