Jae-Sue Choi

List of Publications by Year
in descending order

308 papers	12,709 citations	20759 60 h-index	49773 87 g-index
313 all docs	313 docs citations	313 times ranked	12539 citing authors

#	Article	IF	Citations
1	PTP1B and Î±-glucosidase inhibitory activities of the chemical constituents from Hedera rhombea fruits: Kinetic analysis and molecular docking simulation. Phytochemistry, 2022, 197, 113100.	1.4	13
2	Inhibition Mechanism of Components Isolated from Morus alba Branches on Diabetes and Diabetic Complications via Experimental and Molecular Docking Analyses. Antioxidants, 2022, 11, 383.	2.2	9
3	Neuroprotective activity of macroalgal fucofuroeckols against amyloid Î² peptideâ€induced cell death and oxidative stress. International Journal of Food Science and Technology, 2022, 57, 4286-4295.	1.3	1
4	Insulinâ€“Mimetic Dihydroxanthyletin-Type Coumarins from Angelica decursiva with Protein Tyrosine Phosphatase 1B and Î±-Glucosidase Inhibitory Activities and Docking Studies of Their Molecular Mechanisms. Antioxidants, 2021, 10, 292.	2.2	10
5	Identification of a Potent and Selective Human Monoamine Oxidase-A Inhibitor, Glycitein, an Isoflavone Isolated fromPueraria lobataFlowers. ACS Food Science & Technology, 2021, 1, 538-550.	1.3	11
6	Neuroprotective Effect of Aurantio-Obtusin, a Putative Vasopressin V1A Receptor Antagonist, on Transient Forebrain Ischemia Mice Model. International Journal of Molecular Sciences, 2021, 22, 3335.	1.8	5
7	Discovery of Flazin, an Alkaloid Isolated from Cherry Tomato Juice, As a Novel Non-Enzymatic Protein Glycation Inhibitor via in Vitro and in Silico Studies. Journal of Agricultural and Food Chemistry, 2021, 69, 3647-3657.	2.4	9
8	In Vitro and In Silico Characterization of G-Protein Coupled Receptor (GPCR) Targets of Phlorofucofuroeckol-A and Dieckol. Marine Drugs, 2021, 19, 326.	2.2	6
9	Monoamine Oxidase Inhibition by Major Tanshinones from Salvia miltiorrhiza and Selective Muscarinic Acetylcholine M4 Receptor Antagonism by Tanshinone I. Biomolecules, 2021, 11, 1001.	1.8	4
10	PTP1B inhibition studies of biological active phloroglucinols from the rhizomes of Dryopteris crassirhizoma: Kinetic properties and molecular docking simulation. International Journal of Biological Macromolecules, 2021, 188, 719-728.	3.6	22
11	Alterations of amygdala-prefrontal cortical coupling and attention deficit/hyperactivity disorder-like behaviors induced by neonatal habenula lesion: normalization by Ecklonia stolonifera extract and its active compound fucosterol. Behavioural Pharmacology, 2021, 32, 308-320.	0.8	2
12	In Vitro and In Silico Characterization of Kurarinone as a Dopamine D_{1A} Receptor Antagonist and D_{2L} and D₄ Receptor Agonist. ACS Omega, 2021, 6, 33443-33453.	1.6	3
13	Isoliquiritigenin, a potent human monoamine oxidase inhibitor, modulates dopamine D1, D3, and vasopressin V1A receptors. Scientific Reports, 2021, 11, 23528.	1.6	15
14	Structural Bases for Hesperetin Derivatives: Inhibition of Protein Tyrosine Phosphatase 1B, Kinetics Mechanism and Molecular Docking Study. Molecules, 2021, 26, 7433.	1.7	10
15	Antioxidant and anti-browning property of 2-arylbenzofuran derivatives from Morus alba Linn root bark. Food Chemistry, 2020, 309, 125739.	4.2	23
16	Emodin Derivatives as Multi-Target-Directed Ligands Inhibiting Monoamine Oxidase and Antagonizing Vasopressin V_{1A} Receptors. ACS Omega, 2020, 5, 26720-26731.	1.6	6
17	Luteolin, a Potent Human Monoamine Oxidase-A Inhibitor and Dopamine D₄ and Vasopressin V_{1A} Receptor Antagonist. Journal of Agricultural and Food Chemistry, 2020, 68, 10719-10729.	2.4	14
18	Establishing GPCR Targets of hMAO Active Anthraquinones from Cassia obtusifolia Linn Seeds Using In Silico and In Vitro Methods. ACS Omega, 2020, 5, 7705-7715.	1.6	5

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19	Antioxidant and Antidiabetic Activities of Flavonoid Derivatives from the Outer Skins of Allium cepa L.. Journal of Agricultural and Food Chemistry, 2020, 68, 8797-8811.	2.4	31
20	Bromophenols from Symphyocladia latiuscula Target Human Monoamine Oxidase and Dopaminergic Receptors for the Management of Neurodegenerative Diseases. Journal of Agricultural and Food Chemistry, 2020, 68, 2426-2436.	2.4	19
21	Tetra-aryl cyclobutane and stilbenes from the rhizomes of Rheum undulatum and their Î±-glucosidase inhibitory activity: Biological evaluation, kinetic analysis, and molecular docking simulation. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127049.	1.0	6
22	Stilbenes with Potent Protein Tyrosine Phosphatase-1B Inhibitory Activity from the Roots of Polygonum multiflorum. Journal of Natural Products, 2020, 83, 323-332.	1.5	17
23	A systematic review on anti-Alzheimer's disease activity of prescription Kangen-karyu. Drug Discoveries and Therapeutics, 2020, 14, 61-66.	0.6	7
24	Inhibition of PTP1B by farnesylated 2-arylbenzofurans isolated from Morus alba root bark: unraveling the mechanism of inhibition based on in vitro and in silico studies. Archives of Pharmacal Research, 2020, 43, 961-975.	2.7	14
25	Insight into the PTP1B Inhibitory Activity of Arylbenzofurans: An In Vitro and In Silico Study. Molecules, 2019, 24, 2893.	1.7	15
26	Characterizing fucoxanthin as a selective dopamine D3/D4 receptor agonist: Relevance to Parkinson's disease. Chemico-Biological Interactions, 2019, 310, 108757.	1.7	38
27	Rubrofusarin as a Dual Protein Tyrosine Phosphate 1B and Human Monoamine Oxidase-A Inhibitor: An in Vitro and in Silico Study. ACS Omega, 2019, 4, 11621-11630.	1.6	16
28	Anti-Alzheimerâ€™s Disease Activity of Bromophenols from a Red Alga, Symphyocladia latiuscula (Harvey) Yamada. ACS Omega, 2019, 4, 12259-12270.	1.6	23
29	Phlorotannins with Potential Anti-tyrosinase and Antioxidant Activity Isolated from the Marine Seaweed Ecklonia stolonifera. Antioxidants, 2019, 8, 240.	2.2	58
30	Probing Multi-Target Action of Phlorotannins as New Monoamine Oxidase Inhibitors and Dopaminergic Receptor Modulators with the Potential for Treatment of Neuronal Disorders. Marine Drugs, 2019, 17, 377.	2.2	39
31	Identifying Phlorofucofuroeckol-A as a Dual Inhibitor of Amyloid-Î²25-35 Self-Aggregation and Insulin Glycation: Elucidation of the Molecular Mechanism of Action. Marine Drugs, 2019, 17, 600.	2.2	27
32	Ethnobotany, Phytochemistry, and Pharmacology of Angelica decursiva Fr. et Sav.. Natural Product Sciences, 2019, 25, 181.	0.2	7
33	Influence of functional moiety in lupane-type triterpenoids in BACE1 inhibition. Computational Biology and Chemistry, 2019, 83, 107101.	1.1	3
34	In Vitro and in Silico Human Monoamine Oxidase Inhibitory Potential of Anthraquinones, Naphthopyrones, and Naphthalenic Lactones from Cassia obtusifolia Linn Seeds. ACS Omega, 2019, 4, 16139-16152.	1.6	22
35	Umbelliferone derivatives exert neuroprotective effects by inhibiting monoamine oxidase A, self-amyloidÎ² aggregation, and lipid peroxidation. Bioorganic Chemistry, 2019, 92, 103293.	2.0	23
36	In vitro protein tyrosine phosphatase 1B inhibition and antioxidant property of different onion peel cultivars: A comparative study. Food Science and Nutrition, 2019, 7, 205-215.	1.5	15

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37	A New Tyrosinase Inhibitor from the Red Alga Symphyocladia latiuscula (Harvey) Yamada (Rhodomelaceae). Marine Drugs, 2019, 17, 295.	2.2	26
38	Experimental and Computational Study to Reveal the Potential of Non-Polar Constituents from Hizikia fusiformis as Dual Protein Tyrosine Phosphatase 1B and Î±-Glucosidase Inhibitors. Marine Drugs, 2019, 17, 302.	2.2	22
39	Characterizing Eckol as a Therapeutic Aid: A Systematic Review. Marine Drugs, 2019, 17, 361.	2.2	39
40	Sargahydroquinoic acid, a major compound in Sargassum serratifolium (C. Agardh) C. Agardh, widely activates lipid catabolic pathways, contributing to the formation of beige-like adipocytes. Journal of Functional Foods, 2019, 58, 355-366.	1.6	8
41	Anti-Diabetic Activity of 2,3,6-Tribromo-4,5-Dihydroxybenzyl Derivatives from Symphyocladia latiuscula through PTP1B Downregulation and Î±-Glucosidase Inhibition. Marine Drugs, 2019, 17, 166.	2.2	31
42	Eckol as a Potential Therapeutic against Neurodegenerative Diseases Targeting Dopamine D3/D4 Receptors. Marine Drugs, 2019, 17, 108.	2.2	25
43	Arylbenzofurans from the Root Bark of Morus alba as Triple Inhibitors of Cholinesterase, Î²-Site Amyloid Precursor Protein Cleaving Enzyme 1, and Glycogen Synthase Kinase-3Î²: Relevance to Alzheimerâ€™s Disease. ACS Omega, 2019, 4, 6283-6294.	1.6	21
44	Korean Thistle (Cirsium japonicum var. maackii (Maxim.) Matsum.): A Potential Dietary Supplement against Diabetes and Alzheimerâ€™s Disease. Molecules, 2019, 24, 649.	1.7	19
45	Isolation and Quantitative Analysis of BACE1 Inhibitory Compounds from Cirsium maackii Flower. Natural Product Sciences, 2019, 25, 326.	0.2	4
46	Angiotensin-I-Converting Enzyme Inhibitory Activity of Coumarins from Angelica decursiva. Molecules, 2019, 24, 3937.	1.7	28
47	Novel Dielsâ€“Alder Type Adducts from Morus alba Root Bark Targeting Human Monoamine Oxidase and Dopaminergic Receptors for the Management of Neurodegenerative Diseases. International Journal of Molecular Sciences, 2019, 20, 6232.	1.8	12
48	Obtusifolin isolated from the seeds of <scp>Cassia obtusifolia</scp> regulates the gene expression and production of MUC5AC mucin in airway epithelial cells via affecting NFâ€ºB pathway. Phytotherapy Research, 2019, 33, 919-928.	2.8	18
49	Identifying an isoflavone from the root of Pueraria lobata as a potent tyrosinase inhibitor. Food Chemistry, 2019, 276, 383-389.	4.2	36
50	Structure determination and quantification of a new flavone glycoside with anti-acetylcholinesterase activity from the herbs of Elsholtzia ciliata. Natural Product Research, 2019, 33, 814-821.	1.0	14
51	Cholinesterase inhibitory alkaloids from the rhizomes of Coptis chinensis. Bioorganic Chemistry, 2018, 77, 625-632.	2.0	12
52	Aurantioâ€obtusin, an anthraquinone from cassiae semen, ameliorates lung inflammatory responses. Phytotherapy Research, 2018, 32, 1537-1545.	2.8	34
53	Computational insights into Î²-site amyloid precursor protein enzyme 1 (BACE1) inhibition by tanshinones and salvianolic acids from Salvia miltiorrhiza via molecular docking simulations. Computational Biology and Chemistry, 2018, 74, 273-285.	1.1	14
54	Dihydroxanthyletin-type coumarins from Angelica decursiva that inhibits the formation of advanced glycation end products and human recombinant aldose reductase. Archives of Pharmacal Research, 2018, 41, 196-207.	2.7	13

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55	Comparative study of selective in vitro and in silico BACE1 inhibitory potential of glycyrrhizin together with its metabolites, 18Î±- and 18Î²-glycyrrhetinic acid, isolated from Hizikia fusiformis. Archives of Pharmacal Research, 2018, 41, 409-418.	2.7	30
56	Esculetin suppresses tumor growth and metastasis by targeting Axin2/E-cadherin axis in colorectal cancer. Biochemical Pharmacology, 2018, 152, 71-83.	2.0	55
57	Hepatoprotective effect of Cassia obtusifolia seed extract and constituents against oxidative damage induced by tert -butyl hydroperoxide in human hepatic HepG2 cells. Journal of Food Biochemistry, 2018, 42, e12439.	1.2	16
58	Protein tyrosine phosphatase 1B inhibitors from natural sources. Archives of Pharmacal Research, 2018, 41, 130-161.	2.7	56
59	Isolation of Flavonoid Glycosides with Cholinesterase Inhibition Activity and Quantification from Stachys japonica. Natural Product Sciences, 2018, 24, 259.	0.2	7
60	Rosmarinic Acid Derivativesâ€™ Inhibition of Glycogen Synthase Kinase-3Î² Is the Pharmacological Basis of Kangen-Karyu in Alzheimerâ€™s Disease. Molecules, 2018, 23, 2919.	1.7	24
61	Discovery of a Highly Potent Tyrosinase Inhibitor, Luteolin 5-O-Î²-d-Glucopyranoside, Isolated from Cirsium japonicum var. maackii (Maxim.) Matsum., Korean Thistle: Kinetics and Computational Molecular Docking Simulation. ACS Omega, 2018, 3, 17236-17245.	1.6	16
62	Fucosterol from an Edible Brown Alga Ecklonia stolonifera Prevents Soluble Amyloid Beta-Induced Cognitive Dysfunction in Aging Rats. Marine Drugs, 2018, 16, 368.	2.2	36
63	Meroterpenoid-Rich Fraction of the Ethanolic Extract from Sargassum serratifolium Suppressed Oxidative Stress Induced by Tert-Butyl Hydroperoxide in HepG2 Cells. Marine Drugs, 2018, 16, 374.	2.2	14
64	PTP1B inhibitory activity and molecular docking analysis of stilbene derivatives from the rhizomes of Rheum undulatum L.. FÃ¬toterapÃ¬Ã¢, 2018, 131, 119-126.	1.1	23
65	Anti-inflammatory Potential of Artemisia capillaris and Its Constituents in LPS-induced RAW264.7 Cells. Natural Product Sciences, 2018, 24, 171.	0.2	7
66	Moracin derivatives from Morus Radix as dual BACE1 and cholinesterase inhibitors with antioxidant and anti-glycation capacities. Life Sciences, 2018, 210, 20-28.	2.0	27
67	Anthraquinone and naphthopyrone glycosides from Cassia obtusifolia seeds mediate hepatoprotection via Nrf2-mediated HO-1 activation and MAPK modulation. Archives of Pharmacal Research, 2018, 41, 677-689.	2.7	32
68	28-Noroleanane-derived spirocyclic triterpenoids and iridoid glucosides from the roots of Phlomoides umbrosa (Turcz.) Kamelin & Makhm with their cytotoxic effects. Phytochemistry, 2018, 153, 138-146.	1.4	7
69	Protein Tyrosine Phosphatase 1B Inhibition and Glucose Uptake Potentials of Mulberrofuran G, Albanol B, and Kuwanon G from Root Bark of Morus alba L. in Insulin-Resistant HepG2 Cells: An In Vitro and In Silico Study. International Journal of Molecular Sciences, 2018, 19, 1542.	1.8	47
70	Kinetics and molecular docking of dihydroxanthyletin-type coumarins from Angelica decursiva that inhibit cholinesterase and BACE1. Archives of Pharmacal Research, 2018, 41, 753-764.	2.7	12
71	Direct Activation of the Large-Conductance Calcium-Activated Potassium Channel by Flavonoids Isolated from Sophora flavescens. Biological and Pharmaceutical Bulletin, 2018, 41, 1295-1298.	0.6	6
72	Structureâ€“Activity Relationship of the Tyrosinase Inhibitors Kuwanon G, Mulberrofuran G, and Albanol B from Morus Species: A Kinetics and Molecular Docking Study. Molecules, 2018, 23, 1413.	1.7	23

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73	Structure Related Inhibition of Enzyme Systems in Cholinesterases and BACE1 In Vitro by Naturally Occurring Naphthopyrone and Its Glycosides Isolated from Cassia obtusifolia. Molecules, 2018, 23, 69.	1.7	21
74	Comparative Evaluation of the Antioxidant and Anti-Alzheimerâ€™s Disease Potential of Coumestrol and Puerarol Isolated from Pueraria lobata Using Molecular Modeling Studies. Molecules, 2018, 23, 785.	1.7	14
75	Chalcone derivatives from the root bark of Morus alba L. act as inhibitors of PTP1B and Î±-glucosidase. Phytochemistry, 2018, 155, 114-125.	1.4	68
76	Two new naphthalenic lactone glycosides from Cassia obtusifolia L. seeds. Archives of Pharmacal Research, 2018, 41, 737-742.	2.7	11
77	Anti-Alzheimerâ€™s disease activity of compounds from the root bark of Morus alba L.. Archives of Pharmacal Research, 2017, 40, 338-349.	2.7	55
78	Fucosterol, isolated fromEcklonia stolonifera, inhibits adipogenesis through modulation of FoxO1 pathway in 3T3-L1 adipocytes. Journal of Pharmacy and Pharmacology, 2017, 69, 325-333.	1.2	29
79	Evaluation of the inhibitory effects of eckol and dieckol isolated from edible brown alga Eisenia bicyclis on human monoamine oxidases A and B. Archives of Pharmacal Research, 2017, 40, 480-491.	2.7	39
80	Capillarisin attenuates exercise-induced muscle damage through MAPK and NF-Î°B signaling. Phytomedicine, 2017, 32, 30-36.	2.3	13
81	Structure-related protein tyrosine phosphatase 1B inhibition by naringenin derivatives. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2274-2280.	1.0	28
82	PTP1B inhibitors from Selaginella tamariscina (Beauv.) Spring and their kinetic properties and molecular docking simulation. Bioorganic Chemistry, 2017, 72, 273-281.	2.0	23
83	Ellagitannin and flavonoid constituents from Agrimonia pilosa Ledeb. with their protein tyrosine phosphatase and acetylcholinesterase inhibitory activities. Bioorganic Chemistry, 2017, 72, 293-300.	2.0	33
84	BACE1 inhibitory activity and molecular docking analysis of meroterpenoids from Sargassum serratifolium. Bioorganic and Medicinal Chemistry, 2017, 25, 3964-3970.	1.4	38
85	Potential anti-cholinesterase and Î²-site amyloid precursor protein cleaving enzyme 1 inhibitory activities of cornuside and gallotannins from Cornus officinalis fruits. Archives of Pharmacal Research, 2017, 40, 836-853.	2.7	32
86	A New Naphthalenic Lactone Glycoside from the Seeds of Cassia obtusifolia. Chemistry of Natural Compounds, 2017, 53, 429-431.	0.2	4
87	Hepatoprotective effects of different combinations of sweet orange, Unshiu mikan, and mini tomato juice powders againsttert-butyl hydroperoxide-induced oxidative stress in HepG2 cells. Journal of Food Biochemistry, 2017, 41, e12369.	1.2	0
88	Anti-acetylcholinesterase activity of the aglycones of phenolic glycosides isolated from Leonurus japonicus. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 849-854.	0.5	10
89	Oligonol promotes glucose uptake by modulating the insulin signaling pathway in insulin-resistant HepG2 cells via inhibiting protein tyrosine phosphatase 1B. Archives of Pharmacal Research, 2017, 40, 1314-1327.	2.7	14
90	Characterization of the inhibitory activity of natural tanshinones from Salvia miltiorrhiza roots on protein tyrosine phosphatase 1B. Chemico-Biological Interactions, 2017, 278, 65-73.	1.7	31

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91	Epigenetic modifications of gene expression by lifestyle and environment. Archives of Pharmacal Research, 2017, 40, 1219-1237.	2.7	82
92	Protective effects of flavonoids isolated from Korean milk thistle Cirsium japonicum var. maackii (Maxim.) Matsum on tert -butyl hydroperoxide-induced hepatotoxicity in HepG2 cells. Journal of Ethnopharmacology, 2017, 209, 62-72.	2.0	22
93	PTP1B inhibitory and cytotoxic activities of triterpenoids from the aerial parts of Agrimonia pilosa. Medicinal Chemistry Research, 2017, 26, 2870-2878.	1.1	14
94	Comparative molecular docking studies of lupeol and lupenone isolated from Pueraria lobata that inhibits BACE1: Probable remedies for Alzheimer's disease. Asian Pacific Journal of Tropical Medicine, 2017, 10, 1117-1122.	0.4	32
95	Î±-Methyl artoflavanocoumarin from Juniperus chinensis exerts anti-diabetic effects by inhibiting PTP1B and activating the PI3K/Akt signaling pathway in insulin-resistant HepG2 cells. Archives of Pharmacal Research, 2017, 40, 1403-1413.	2.7	10
96	In vitro monoamine oxidase A and B inhibitory activity and molecular docking simulations of fucoxanthin. Fisheries Science, 2017, 83, 123-132.	0.7	16
97	Prunin is a highly potent flavonoid from Prunus davidiana stems that inhibits protein tyrosine phosphatase 1B and stimulates glucose uptake in insulin-resistant HepG2 cells. Archives of Pharmacal Research, 2017, 40, 37-48.	2.7	38
98	Recent advances in pharmacological research on Ecklonia species: a review. Archives of Pharmacal Research, 2017, 40, 981-1005.	2.7	26
99	Î±-Glucosidase and Protein Tyrosine Phosphatase 1B Inhibitory Activity of Plastoquinones from Marine Brown Alga Sargassum serratifolium. Marine Drugs, 2017, 15, 368.	2.2	54
100	Potential of Icariin Metabolites from Epimedium koreanum Nakai as Antidiabetic Therapeutic Agents. Molecules, 2017, 22, 986.	1.7	37
101	Kinetics and Molecular Docking Studies of 6-Formyl Umbelliferone Isolated from Angelica decursiva as an Inhibitor of Cholinesterase and BACE1. Molecules, 2017, 22, 1604.	1.7	27
102	Luteolin 5-O-glucoside from Korean Milk Thistle,Cirsium maackii, Exhibits Anti-Inflammatory Activity via Activation of the Nrf2/HO-1 Pathway. Natural Product Sciences, 2017, 23, 183.	0.2	7
103	Promising Inhibitory Effects of Anthraquinones, Naphthopyrone, and Naphthalene Glycosides, from Cassia obtusifolia on Î±-Glucosidase and Human Protein Tyrosine Phosphatases 1B. Molecules, 2017, 22, 28.	1.7	49
104	Suppression of Primary Splenocyte Proliferation by Artemisia capillaris and Its Components. Toxicological Research, 2017, 33, 283-290.	1.1	9
105	HPLC analysis of Phenolic Substances and Anti-Alzheimer's Activity of KoreanQuercusSpecies. Natural Product Sciences, 2016, 22, 299.	0.2	7
106	Analysis of Flavonoid Composition of Korean Herbs in the Family of Compositae and their Utilization for Health. Natural Product Sciences, 2016, 22, 1.	0.2	5
107	Columbianadin Inhibits Cell Proliferation by Inducing Apoptosis and Necroptosis in HCT116 Colon Cancer Cells. Biomolecules and Therapeutics, 2016, 24, 320-327.	1.1	35
108	Health benefit of fucosterol from marine algae: a review. Journal of the Science of Food and Agriculture, 2016, 96, 1856-1866.	1.7	120

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109	Desmethylanhydroicaritin isolated from Sophora flavescens, shows antitumor activities in U87MG cells via inhibiting the proliferation, migration and invasion. Environmental Toxicology and Pharmacology, 2016, 43, 140-148.	2.0	10
110	Coumarins from Angelica decursiva inhibit Î±-glucosidase activity and protein tyrosine phosphatase 1B. Chemico-Biological Interactions, 2016, 252, 93-101.	1.7	49
111	Paecilonic acids A and B, bicyclic fatty acids from the jellyfish-derived fungus Paecilomyces variotii J08NF-1. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2220-2223.	1.0	10
112	PTP1B, Î±-glucosidase, and DPP-IV inhibitory effects for chromene derivatives from the leaves of Smilax china L.. Chemico-Biological Interactions, 2016, 253, 27-37.	1.7	46
113	Kinetics and molecular docking studies of loganin, morroniside and 7-O-galloyl-d-sedoheptulose derived from Corni fructus as cholinesterase and Î²-secretase 1 inhibitors. Archives of Pharmacal Research, 2016, 39, 794-805.	2.7	32
114	Anti-cholinesterases and memory improving effects of Vietnamese Xylia xylocarpa. Chemistry Central Journal, 2016, 10, 48.	2.6	13
115	Fucosterol activates the insulin signaling pathway in insulin resistant HepG2 cells via inhibiting PTP1B. Archives of Pharmacal Research, 2016, 39, 1454-1464.	2.7	14
116	Protein tyrosine phosphatase 1B and Î±-glucosidase inhibitory activities of Pueraria lobata root and its constituents. Journal of Ethnopharmacology, 2016, 194, 706-716.	2.0	65
117	In Vitro Antidiabetic and Antioxidant Potential of the Ethanolic Extract of Skipjack Tuna (K) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	7
118	Anti-wrinkle effects of a tuna heart H2O fraction on Hs27 human fibroblasts. International Journal of Molecular Medicine, 2016, 37, 92-98.	1.8	19
119	BACE1 molecular docking and anti-Alzheimer's disease activities of ginsenosides. Journal of Ethnopharmacology, 2016, 190, 219-230.	2.0	51
120	Inhibitory activities of major anthraquinones and other constituents from Cassia obtusifolia against Î²-secretase and cholinesterases. Journal of Ethnopharmacology, 2016, 191, 152-160.	2.0	63
121	Urinary Bladder-Relaxant Effect of Kurarinone Depending on Potentiation of Large-Conductance Ca²⁺-Activated K⁺ Channels. Molecular Pharmacology, 2016, 90, 140-150.	1.0	12
122	Anti-inflammatory terpenylated coumarins from the leaves of Zanthoxylum schinifolium with Î±-glucosidase inhibitory activity. Journal of Natural Medicines, 2016, 70, 276-281.	1.1	25
123	Anti-Alzheimer's disease potential of coumarins from Angelica decursiva and Artemisia capillaris and structure-activity analysis. Asian Pacific Journal of Tropical Medicine, 2016, 9, 103-111.	0.4	92
124	Promising anti-diabetic potential of capillin and capillinol isolated from Artemisia capillaris. Archives of Pharmacal Research, 2016, 39, 340-349.	2.7	15
125	Kinetics and molecular docking studies of fucosterol and fucoxanthin, BACE1 inhibitors from brown algae Undaria pinnatifida and Ecklonia stolonifera. Food and Chemical Toxicology, 2016, 89, 104-111.	1.8	68
126	Inhibitory evaluation of oligonol on Î±-glucosidase, protein tyrosine phosphatase 1B, cholinesterase, and Î²-secretase 1 related to diabetes and Alzheimerâ€™s disease. Archives of Pharmacal Research, 2016, 39, 409-420.	2.7	12

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127	Coumarins from Angelica decursiva inhibit lipopolysaccharide-induced nitrite oxide production in RAW 264.7 cells. Archives of Pharmacal Research, 2016, 39, 115-126.	2.7	30
128	Protective Effects of Sweet Orange, Unshiu Mikan, and Mini Tomato Juice Powders on t-BHP-Induced Oxidative Stress in HepG2 Cells. Preventive Nutrition and Food Science, 2016, 21, 208-220.	0.7	10
129	Protective Effects of Ecklonia stolonifera Extract on Ethanol-Induced Fatty Liver in Rats. Biomolecules and Therapeutics, 2016, 24, 650-658.	1.1	25
130	Humulus japonicus extract exhibits antioxidative and anti-aging effects via modulation of the AMPK-SIRT1 pathway. Experimental and Therapeutic Medicine, 2015, 9, 1819-1826.	0.8	47
131	Anticholinesterase and Î²-Site Amyloid Precursor Protein Cleaving Enzyme 1 Inhibitory Compounds from the Heartwood of <i>Juniperus chinensis</i>. Chemical and Pharmaceutical Bulletin, 2015, 63, 955-960.	0.6	18
132	Chemical Constituents ofEuonymus alatus(Thunb.) Sieb. and Their PTP1B and Î±-Glucosidase Inhibitory Activities. Phytotherapy Research, 2015, 29, 1540-1548.	2.8	24
133	Anti-Diabetic and Anti-Inflammatory Potential of the Edible Brown AlgaHizikia Fusiformis. Journal of Food Biochemistry, 2015, 39, 417-428.	1.2	25
134	Toluhydroquinone from A spergillus sp. suppress inflammatory mediators via nuclear factor-ÎºB and mitogen-activated protein kinases pathways in lipopolysaccharide-induced RAW264.7 cells. Journal of Pharmacy and Pharmacology, 2015, 67, 1297-1305.	1.2	8
135	Nodakenin Enhances Cognitive Function and Adult Hippocampal Neurogenesis in Mice. Neurochemical Research, 2015, 40, 1438-1447.	1.6	28
136	Protein tyrosine phosphatase 1B inhibitory activity of alkaloids from Rhizoma Coptidis and their molecular docking studies. Journal of Ethnopharmacology, 2015, 171, 28-36.	2.0	52
137	Sargaquinoic acid attenuates inflammatory responses by regulating NF-ÎºB and Nrf2 pathways in lipopolysaccharide-stimulated RAW 264.7 cells. International Immunopharmacology, 2015, 29, 693-700.	1.7	38
138	Quantification of Major Compounds fromIxeris dentata,Ixeris dentataVar.albiflora,andIxeris sonchifoliaand Their Comparative Anti-Inflammatory Activity in Lipopolysaccharide-Stimulated RAW 264.7 Cells. Journal of Medicinal Food, 2015, 18, 83-94.	0.8	21
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