

Daeui Park

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,848
citations

186209

28
h-index

168321

53
g-index

63
all docs

63
docs citations

63
times ranked

6593
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Detection of COVID-19 Causative Virus (SARS-CoV-2) in Human Nasopharyngeal Swab Specimens Using Field-Effect Transistor-Based Biosensor. ACS Nano, 2020, 14, 5135-5142.	7.3	1,394
2	Whole-genome sequencing and intensive analysis of the undomesticated soybean (<i>Glycine soja</i>) in the United States. Molecular Biology and Evolution, 2010, 27, 22032-22037.	3.3	299
3	The first Korean genome sequence and analysis: Full genome sequencing for a socio-ethnic group. Genome Research, 2009, 19, 1622-1629.	2.4	282
4	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. Pharmacological Reviews, 2014, 66, 815-868.	7.1	122
5	Comparative Analysis of Primer-Probe Sets for RT-qPCR of COVID-19 Causative Virus (SARS-CoV-2). ACS Infectious Diseases, 2020, 6, 2513-2523.	1.8	111
6	Effect of hesperetin on tyrosinase: Inhibition kinetics integrated computational simulation study. International Journal of Biological Macromolecules, 2012, 50, 257-262.	3.6	90
7	Design and synthesis of 5-(substituted benzylidene)thiazolidine-2,4-dione derivatives as novel tyrosinase inhibitors. European Journal of Medicinal Chemistry, 2012, 49, 245-252.	2.6	84
8	Potent selective monoamine oxidase B inhibition by maackiain, a pterocarpan from the roots of <i>Sophora flavescens</i> . Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4714-4719.	1.0	82
9	Tyrosinase inhibition by isophthalic acid: Kinetics and computational simulation. International Journal of Biological Macromolecules, 2011, 48, 700-704.	3.6	68
10	Kinetic, structural and molecular docking studies on the inhibition of tyrosinase induced by arabinose. International Journal of Biological Macromolecules, 2012, 50, 694-700.	3.6	65
11	Lycorine, a non-nucleoside RNA dependent RNA polymerase inhibitor, as potential treatment for emerging coronavirus infections. Phytomedicine, 2021, 86, 153440.	2.3	64
12	Short-term calorie restriction ameliorates genomewide, age-related alterations in DNA methylation. Aging Cell, 2016, 15, 1074-1081.	3.0	55
13	Selective inhibition of monoamine oxidase A by hispidol. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 584-588.	1.0	55
14	Design, synthesis and biological evaluation of 2-(substituted phenyl)thiazolidine-4-carboxylic acid derivatives as novel tyrosinase inhibitors. Biochimie, 2012, 94, 533-540.	1.3	52
15	The underlying mechanism of proinflammatory NF- κ B activation by the mTORC2/Akt/I κ B pathway during skin aging. Oncotarget, 2016, 7, 52685-52694.	0.8	52
16	Potent inhibition of monoamine oxidase A by decursin from <i>Angelica gigas</i> Nakai and by wogonin from <i>Scutellaria baicalensis</i> Georgi. International Journal of Biological Macromolecules, 2017, 97, 598-605.	3.6	50
17	Rhamnocitrin isolated from <i>Prunus padus</i> var. <i>seoulensis</i> : A potent and selective reversible inhibitor of human monoamine oxidase A. Bioorganic Chemistry, 2019, 83, 317-325.	2.0	47
18	Potent inhibition of acetylcholinesterase by sargachromanol I from <i>Sargassum siliquastrum</i> and by selected natural compounds. Bioorganic Chemistry, 2019, 89, 103043.	2.0	45

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19	Comparison of Digital PCR and Quantitative PCR with Various SARS-CoV-2 Primer-Probe Sets. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 358-367.	0.9	41
20	Acetylcholinesterase and butyrylcholinesterase inhibitory activities of khellactone coumarin derivatives isolated from <i>Peucedanum japonicum</i> Thurnberg. <i>Scientific Reports</i> , 2020, 10, 21695.	1.6	40
21	A key role for neuropeptide Y in lifespan extension and cancer suppression via dietary restriction. <i>Scientific Reports</i> , 2014, 4, 4517.	1.6	39
22	Potent inhibitions of monoamine oxidase A and B by acacetin and its 7-O-(6-O-malonylglucoside) derivative from <i>Agastache rugosa</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 104, 547-553.	3.6	38
23	Anti-Inflammatory Activity and ROS Regulation Effect of Sinapaldehyde in LPS-Stimulated RAW 264.7 Macrophages. <i>Molecules</i> , 2020, 25, 4089.	1.7	36
24	Calycosin and 8-O-methylretusin isolated from <i>Maackia amurensis</i> as potent and selective reversible inhibitors of human monoamine oxidase-B. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 441-448.	3.6	36
25	The Effect of Histidine Residue Modification on Tyrosinase Activity and Conformation: Inhibition Kinetics and Computational Prediction. <i>Journal of Biomolecular Structure and Dynamics</i> , 2008, 26, 395-401.	2.0	30
26	The Effect of Trifluoroethanol on Tyrosinase Activity and Conformation: Inhibition Kinetics and Computational Simulations. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 1896-1908.	1.4	30
27	Differences in the molecular signatures of mucosal-associated invariant T cells and conventional T cells. <i>Scientific Reports</i> , 2019, 9, 7094.	1.6	30
28	Synthesis and biological activity of hydroxybenzylidenyl pyrrolidine-2,5-dione derivatives as new potent inhibitors of tyrosinase. <i>MedChemComm</i> , 2011, 2, 542.	3.5	28
29	Selective inhibition of monoamine oxidase A by chelerythrine, an isoquinoline alkaloid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2403-2407.	1.0	28
30	Inhibition of Butyrylcholinesterase and Human Monoamine Oxidase-B by the Coumarin Glycyrol and Liquiritigenin Isolated from <i>Glycyrrhiza uralensis</i> . <i>Molecules</i> , 2020, 25, 3896.	1.7	27
31	The Novel PPAR α/β Dual Agonist MHY 966 Modulates UVB-Induced Skin Inflammation by Inhibiting NF- κ B Activity. <i>PLoS ONE</i> , 2013, 8, e76820.	1.1	26
32	Selective inhibition of monoamine oxidase A by purpurin, an anthraquinone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1136-1140.	1.0	25
33	Osthenol, a prenylated coumarin, as a monoamine oxidase A inhibitor with high selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 839-843.	1.0	22
34	Development of Prediction Models for Drug-Induced Cholestasis, Cirrhosis, Hepatitis, and Steatosis Based on Drug and Drug Metabolite Structures. <i>Frontiers in Pharmacology</i> , 2020, 11, 67.	1.6	22
35	Src Tyrosine Kinase Activation by 4-Hydroxynonenal Upregulates p38, ERK/AP-1 Signaling and COX-2 Expression in YPEN-1 Cells. <i>PLoS ONE</i> , 2015, 10, e0129244.	1.1	22
36	Potent and selective inhibition of human monoamine oxidase-B by 4-dimethylaminochalcone and selected chalcone derivatives. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 426-432.	3.6	19

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37	USP11 degrades KLF4 via its deubiquitinase activity in liver diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6976-6987.	1.6	18
38	Involvement of NF- κ BIZ and related cytokines in age-associated renal fibrosis. <i>Oncotarget</i> , 2017, 8, 7315-7327.	0.8	18
39	Selective Inhibition of Human Monoamine Oxidase B by 5-hydroxy-2-methyl-chroman-4-one Isolated from an Endogenous Lichen Fungus <i>Daldinia fissa</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 84.	1.5	17
40	Evaluation of Selective COX-2 Inhibition and In Silico Study of Kuwanon Derivatives Isolated from <i>Morus alba</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3659.	1.8	15
41	Interaction Analysis of the Spike Protein of Delta and Omicron Variants of SARS-CoV-2 with hACE2 and Eight Monoclonal Antibodies Using the Fragment Molecular Orbital Method. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 1771-1782.	2.5	15
42	Contribution of SLC22A12 on hypouricemia and its clinical significance for screening purposes. <i>Scientific Reports</i> , 2019, 9, 14360.	1.6	13
43	Acetylcholinesterase and monoamine oxidase-B inhibitory activities by ellagic acid derivatives isolated from <i>Castanopsis cuspidata</i> var. <i>sieboldii</i> . <i>Scientific Reports</i> , 2021, 11, 13953.	1.6	11
44	Zika virus infection differentially affects genome-wide transcription in neuronal cells and myeloid dendritic cells. <i>PLoS ONE</i> , 2020, 15, e0231049.	1.1	9
45	Age-Dependent Sensitivity to the Neurotoxic Environmental Metabolite, 1,2-Diacetylbenzene. <i>Biomolecules and Therapeutics</i> , 2021, 29, 399-409.	1.1	9
46	Inhibitory Effect of Avenanthramides (Avn) on Tyrosinase Activity and Melanogenesis in α -MSH-Activated SK-MEL-2 Cells: In Vitro and In Silico Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7814.	1.8	9
47	Inhibitory Effect of Sesamolin on Melanogenesis in B16F10 Cells Determined by In Vitro and Molecular Docking Analyses. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 169-178.	0.9	6
48	Potent and Selective Inhibitors of Human Monoamine Oxidase A from an Endogenous Lichen Fungus <i>Diaporthe mahothocarpus</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 876.	1.5	6
49	(S)-5-Methylmellein Isolated from an Endogenous Lichen Fungus <i>Rosellinia corticium</i> as a Potent Inhibitor of Human Monoamine Oxidase A. <i>Processes</i> , 2022, 10, 166.	1.3	5
50	RE-ORGA, a Korean Herb Extract, Can Prevent Hair Loss Induced by Dihydrotestosterone in Human Dermal Papilla Cells. <i>Annals of Dermatology</i> , 2019, 31, 530.	0.3	4
51	Transcriptomic Analysis of Polyhexamethyleneguanidine-Induced Lung Injury in Mice after a Long-Term Recovery. <i>Toxics</i> , 2021, 9, 253.	1.6	4
52	Cheonggukjang-Specific Component 1,3-Diphenyl-2-Propanone as a Novel PPAR α / β Dual Agonist: An In Vitro and In Silico Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10884.	1.8	1
53	A Novel Therapeutic Reagent, KA-1002 for Alleviating Lysophosphatidic Acid-Mediated Inflammation Related Gene Expression in Swine Macrophages. <i>Animals</i> , 2020, 10, 534.	1.0	0
54	Title is missing!. , 2020, 15, e0231049.		0

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55	Title is missing!. , 2020, 15, e0231049.		0
56	Title is missing!. , 2020, 15, e0231049.		0
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58	Title is missing!.. , 2020, 15, e0231049.		0