

Seung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

937
citations

471061

17
h-index

454577

30
g-index

40
all docs

40
docs citations

40
times ranked

1228
citing authors

#	ARTICLE	IF	CITATIONS
1	Rutin from <i>Dendropanax morbifera</i> Leveille Protects Human Dopaminergic Cells Against Rotenone Induced Cell Injury Through Inhibiting JNK and p38 MAPK Signaling. <i>Neurochemical Research</i> , 2014, 39, 707-718.	1.6	79
2	Kaempferol inhibits thrombosis and platelet activation. <i>Biochimie</i> , 2015, 115, 177-186.	1.3	79
3	Anti-thrombotic effect of rutin isolated from <i>Dendropanax morbifera</i> Leveille. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 181-186.	1.1	72
4	Thrombolytic, anticoagulant and antiplatelet activities of codiase, a bi-functional fibrinolytic enzyme from <i>Codium fragile</i> . <i>Biochimie</i> , 2013, 95, 1266-1277.	1.3	68
5	<i>In vitro</i> and <i>in vivo</i> antithrombotic and cytotoxicity effects of ferulic acid. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22004.	1.4	63
6	Purification and characterization of a novel, highly potent fibrinolytic enzyme from <i>Paecilomyces tenuipes</i> . <i>Process Biochemistry</i> , 2011, 46, 1545-1553.	1.8	51
7	Detoxified Extract of <i>Rhus verniciflua</i> Stokes Inhibits Rotenone-Induced Apoptosis in Human Dopaminergic Cells, SH-SY5Y. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 213-223.	1.7	46
8	Herinase: A Novel Bi-functional Fibrinolytic Protease from the Monkey Head Mushroom, <i>Herichium erinaceum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 609-622.	1.4	36
9	Novel thrombolytic protease from edible and medicinal plant <i>Aster yomena</i> (Kitam.) Honda with anticoagulant activity: Purification and partial characterization. <i>Journal of Bioscience and Bioengineering</i> , 2014, 118, 372-377.	1.1	36
10	Comparative Effect of Quercetin and Quercetin-3-O- β -D-Glucoside on Fibrin Polymers, Blood Clots, and in Rodent Models. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 548-558.	1.4	35
11	Fucoxanthin Inhibits the Inflammation Response in Paw Edema Model through Suppressing MAPKs, Akt, and NF- κ B. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 111-119.	1.4	33
12	Leaf extract of <i>Rhus verniciflua</i> Stokes protects dopaminergic neuronal cells in a rotenone model of Parkinson's disease. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1358-1367.	1.2	29
13	Direct acting anti-thrombotic serine protease from brown seaweed <i>Costaria costata</i> . <i>Process Biochemistry</i> , 2013, 48, 340-350.	1.8	26
14	Protective effects of N-acetylcysteine against monosodium glutamate-induced astrocytic cell death. <i>Food and Chemical Toxicology</i> , 2014, 67, 1-9.	1.8	22
15	Antithrombotic Activities of Luteolin In Vitro and In Vivo. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 552-558.	1.4	22
16	Comparison of Bioactive Compounds and Antioxidant Activities of <i>Maclura tricuspidata</i> Fruit Extracts at Different Maturity Stages. <i>Molecules</i> , 2019, 24, 567.	1.7	22
17	Spirulan from Blue-Green Algae Inhibits Fibrin and Blood Clots: Its Potent Antithrombotic Effects. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 240-248.	1.4	19
18	Investigation of the anticoagulant and antithrombotic effects of chlorogenic acid. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, N/A.	1.4	18

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19	Mechanisms of attenuation of clot formation and acute thromboembolism by syringic acid in mice. <i>Journal of Functional Foods</i> , 2018, 43, 112-122.	1.6	18
20	Purification and partial characterization of a fibrinolytic enzyme from the fruiting body of the medicinal and edible mushroom <i>Pleurotus ferulae</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 539-546.	1.0	16
21	A bifunctional protease from green alga <i>Ulva pertusa</i> with anticoagulant properties: partial purification and characterization. <i>Journal of Applied Phycology</i> , 2016, 28, 599-607.	1.5	15
22	Purification and partial characterization of a low molecular fibrinolytic serine metalloprotease C142 from the culture supernatant of <i>Bacillus subtilis</i> C142. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 724-731.	3.6	14
23	In Vitro Antioxidant and In Vivo Hypolipidemic Effects of the King Oyster Culinary-Medicinal Mushroom, <i>Pleurotus eryngii</i> var. <i>ferulae</i> DDL01 (Agaricomycetes), in Rats with High-Fat Diet-Induced Fatty Liver and Hyperlipidemia. <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 107-119.	0.9	14
24	Anti-Inflammatory and Cytotoxicity Effects of <i>Cudrania tricuspidata</i> Fruits Vinegar in a Co-Culture System with RAW264.7 Macrophages and 3T3-L1 Adipocytes. <i>Foods</i> , 2020, 9, 1232.	1.9	13
25	Starase: A bi-functional fibrinolytic protease from hepatic caeca of <i>Asterina pectinifera</i> displays antithrombotic potential. <i>Biochimie</i> , 2014, 105, 45-57.	1.3	12
26	Short-term <i>Cudrania tricuspidata</i> fruit vinegar administration attenuates obesity in high-fat diet-fed mice by improving fat accumulation and metabolic parameters. <i>Scientific Reports</i> , 2020, 10, 21102.	1.6	12
27	<i>p</i> -Hydroxybenzyl alcohol inhibits four obesity-related enzymes in vitro. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22223.	1.4	11
28	Effects of <i>Maclura tricuspidata</i> (Carr.) Bur fruits and its phytophenolics on obesity-related enzymes. <i>Journal of Food Biochemistry</i> , 2020, 44, e13110.	1.2	9
29	A novel anticoagulant protein with antithrombotic properties from the mosquito <i>Culex pipiens pallens</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 93, 156-166.	3.6	8
30	Antioxidant and antithrombotic properties of <i>Dendropanax morbifera</i> L'Éveillé (Araliaceae) and its ferments produced by fermentation processing. <i>Journal of Food Biochemistry</i> , 2019, 43, e13056.	1.2	7
31	In Vitro Antithrombotic, Hematological Toxicity, and Inhibitor Studies of Protocatechuic, Isovanillic, and <i>p</i> -Hydroxybenzoic Acids from <i>Maclura tricuspidata</i> (Carr.) Bur. <i>Molecules</i> , 2022, 27, 3496.	1.7	7
32	Novel protease from the leaves of edible medicinal plant <i>Aster koraiensis</i> Nakai with antithrombotic activity: Purification and partial characterization. <i>Journal of Food Biochemistry</i> , 2017, 41, e12334.	1.2	6
33	Expression of human growth hormone gene in <i>Pleurotus eryngii</i> . <i>Open Life Sciences</i> , 2010, 5, 791-799.	0.6	4
34	Purification and Antithrombotic Potential of a Fibrinolytic Enzyme from Shiitake Culinary- Medicinal Mushroom, <i>Lentinus edodes</i> GNA01 (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 47-59.	0.9	4
35	Protective effects of fusidic acid against sodium nitroprusside-induced apoptosis in C6 glial cells. <i>NeuroReport</i> , 2019, 30, 1222-1229.	0.6	3
36	The effect of <i>Cudrania tricuspidata</i> fruit vinegar on LPS-induced inflammation in 3T3-L1 adipocytes. <i>Korean Journal of Food Preservation</i> , 2020, 27, 809-816.	0.2	3

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37	Fibrinolytic and Thrombolytic Effects of an Enzyme Purified from the Fruiting Bodies of <i>Boletus pseudocalopus</i> (Agaricomycetes) from Korea. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 47-57.	0.9	2
38	Cytotoxicity, metabolic enzyme inhibitory, and anti-inflammatory effect of <i>Lentinula edodes</i> fermented using probiotic lactobacteria. <i>Journal of Food Biochemistry</i> , 2021, 45, e13838.	1.2	2
39	Undariase, a Direct-Acting Fibrin(ogen)olytic Enzyme from <i>Undaria pinnatifida</i> , Inhibits Thrombosis In Vivo and Exhibits In Vitro Thrombolytic Properties. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1985-2004.	1.4	1
40	<i>Maclura tricuspidata</i> fruit vinegar improves the inflammation and insulin resistance in 3T3-L1 adipocytes. <i>Korean Journal of Food Preservation</i> , 2021, 28, 980-988.	0.2	0