

Doo Hwan Kim

List of Publications by Year in descending order

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58
papers

1,575
citations

279798

23
h-index

330143

37
g-index

58
all docs

58
docs citations

58
times ranked

2411
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into antiviral and cytotoxic potential of quercetin and its derivatives – A biochemical perspective. <i>Food Chemistry</i> , 2021, 334, 127508.	8.2	35
2	Bioactive compounds in seaweeds: An overview of their biological properties and safety. <i>Food and Chemical Toxicology</i> , 2020, 135, 111013.	3.6	109
3	Probing the effect of quercetin 3-glucoside from <i>Dianthus superbus</i> L against influenza virus infection- In vitro and in silico biochemical and toxicological screening. <i>Food and Chemical Toxicology</i> , 2020, 135, 110985.	3.6	36
4	Screening of Bioactive Metabolites and Biological Activities of Calli, Shoots, and Seedlings of <i>Mertensia maritima</i> (L.) Gray. <i>Plants</i> , 2020, 9, 1551.	3.5	5
5	Phytochemical Composition, Antioxidant Capacity, and Enzyme Inhibitory Activity in Callus, Somaclonal Variant, and Normal Green Shoot Tissues of <i>Catharanthus roseus</i> (L) G. Don. <i>Molecules</i> , 2020, 25, 4945.	3.8	9
6	In Vitro Enzyme Inhibitory Properties, Secondary Metabolite Profiles and Multivariate Analysis of Five Seaweeds. <i>Marine Drugs</i> , 2020, 18, 198.	4.6	7
7	In Vitro Propagation of <i>Gastrochilus matsuran</i> (Makino) Schltr., an Endangered Epiphytic Orchid. <i>Plants</i> , 2020, 9, 524.	3.5	16
8	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. <i>Pharmacological Research</i> , 2019, 147, 104346.	7.1	68
9	Utilization of <i>Dianthus superbus</i> L and its bioactive compounds for antioxidant, anti-influenza and toxicological effects. <i>Food and Chemical Toxicology</i> , 2019, 125, 313-321.	3.6	23
10	Exploitation of apple pomace towards extraction of triterpenic acids, antioxidant potential, cytotoxic effects, and inhibition of clinically important enzymes. <i>Food and Chemical Toxicology</i> , 2019, 131, 110563.	3.6	39
11	Micropropagation and Quantification of Bioactive Compounds in <i>Mertensia maritima</i> (L.) Gray. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2141.	4.1	15
12	Lutein derived from marigold (<i>Tagetes erecta</i>) petals triggers ROS generation and activates Bax and caspase-3 mediated apoptosis of human cervical carcinoma (HeLa) cells. <i>Food and Chemical Toxicology</i> , 2019, 127, 11-18.	3.6	56
13	Marine Algae: A Potential Resource of Anti-HSV Molecules. <i>Processes</i> , 2019, 7, 887.	2.8	15
14	Influence of auxins on somatic embryogenesis in <i>Haworthia retusa</i> Duval. <i>Biologia (Poland)</i> , 2019, 74, 25-33.	1.5	11
15	Highly competent in vitro propagation of <i>Thrixspermum japonicum</i> (Miq.) Rchb.f., a rare epiphytic orchid. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 302-308.	2.1	14
16	Valorization of onion solid waste and their flavonols for assessment of cytotoxicity, enzyme inhibitory and antioxidant activities. <i>Food and Chemical Toxicology</i> , 2018, 119, 281-289.	3.6	49
17	In vitro propagation of <i>Cymbidium goeringii</i> Reichenbach fil. through direct adventitious shoot regeneration. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 307-313.	3.1	20
18	Nematicidal potential and specific enzyme activity enhancement potential of neem (<i>Azadirachta indica</i>) Tj ETQq0 0,0,rgBT /Oerlock 10	5.3	6

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19	Potential cow milk xanthine oxidase inhibitory and antioxidant activity of selected phenolic acid derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22005.	3.0	10
20	Nanotherapeutic Anti-influenza Solutions: Current Knowledge and Future Challenges. <i>Journal of Cluster Science</i> , 2018, 29, 933-941.	3.3	10
21	Ultra-sonication-assisted silver nanoparticles using Panax ginseng root extract and their anti-cancer and antiviral activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 6-11.	3.8	108
22	Berberine-piperazine conjugates as potent influenza neuraminidase blocker. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1204-1210.	7.5	13
23	Extreme effects of Seabuckthorn extracts on influenza viruses and human cancer cells and correlation between flavonol glycosides and biological activities of extracts. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1646-1656.	3.8	37
24	Inhibitory effect of 2,4-dichlorophenoxyacetic acid on ROS, autophagy formation, and mRNA replication for influenza virus infection. <i>Journal of Molecular Recognition</i> , 2017, 30, e2616.	2.1	11
25	Comparative Study of Tocopherol Contents and Fatty Acids Composition in Twenty Almond Cultivars of Afghanistan. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2017, 94, 805-817.	1.9	31
26	β -Alanine intercede metabolic recovery for amelioration of human cervical and renal tumors. <i>Amino Acids</i> , 2017, 49, 1373-1380.	2.7	15
27	Micropropagation of <i>Ajuga</i> species: a mini review. <i>Biotechnology Letters</i> , 2017, 39, 1291-1298.	2.2	25
28	Renal-protective and ameliorating impacts of omega-3 fatty acids against aspartame damaged MDCK cells. <i>BioFactors</i> , 2017, 43, 847-857.	5.4	4
29	Nanomaterials in plant tissue culture: the disclosed and undisclosed. <i>RSC Advances</i> , 2017, 7, 36492-36505.	3.6	157
30	Discovery of berberine based derivatives as anti-influenza agent through blocking of neuraminidase. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5185-5193.	3.0	30
31	Cytotoxic effect of TDZ on human cervical cancer cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 493-498.	3.8	18
32	Toxicological evaluation of aspartame against Madinâ€“Darby canine kidney cells. <i>Journal of Food Measurement and Characterization</i> , 2017, 11, 355-363.	3.2	1
33	Green Synthesis and Characterization of Biologically Active Silver Nanoparticles Using <i>Perilla frutescens</i> Leaf Extract. <i>Journal of Cluster Science</i> , 2017, 28, 81-90.	3.3	7
34	Green Synthesis of Iron Oxide Nanoparticles and Their Catalytic and In Vitro Anticancer Activities. <i>Journal of Cluster Science</i> , 2017, 28, 245-257.	3.3	87
35	Micropropagation and Subsequent Enrichment of Carotenoids, Fatty Acids, and Tocopherol Contents in <i>Sedum dasphyllum</i> L. <i>Frontiers in Chemistry</i> , 2017, 5, 77.	3.6	7
36	Differential Bio-Potential of ZnS Nanoparticles to Normal MDCK Cells and Cervical Carcinoma HeLa Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8279-8286.	0.9	3

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37	Homobrassinolide induced conformational changes in hexokinase: a possible mechanism for its antidiabetic potential. <i>Journal of Molecular Recognition</i> , 2016, 29, 276-280.	2.1	2
38	Toxicity and efficacy of CdO nanostructures on the MDCK and Caki-2 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 174-181.	3.8	19
39	Efficacy of carnosine on activation of caspase 3 and human renal carcinoma cell inhibition. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 377-382.	7.5	15
40	Therapeutic efficacy of natural dipeptide carnosine against human cervical carcinoma cells. <i>Journal of Molecular Recognition</i> , 2016, 29, 426-435.	2.1	13
41	Probing the impact of quercetin-7-O-glucoside on influenza virus replication influence. <i>Phytomedicine</i> , 2016, 23, 958-967.	5.3	48
42	In vitro propagation, carotenoid, fatty acid and tocopherol content of <i>Ajuga multiflora</i> Bunge. <i>3 Biotech</i> , 2016, 6, 91.	2.2	16
43	Therapeutic potential of cyanobacteria against streptozotocin-induced diabetic rats. <i>3 Biotech</i> , 2016, 6, 94.	2.2	11
44	In Vitro Therapeutic Potential of TiO ₂ Nanoparticles Against Human Cervical Carcinoma Cells. <i>Biological Trace Element Research</i> , 2016, 171, 293-300.	3.5	19
45	ZnO nanoparticles assist the refolding of denatured green fluorescent protein. <i>Journal of Molecular Recognition</i> , 2016, 29, 170-173.	2.1	5
46	Green Synthesis: In-vitro Anticancer Activity of Silver Nanoparticles on Human Cervical Cancer Cells. <i>Journal of Cluster Science</i> , 2016, 27, 671-681.	3.3	46
47	Anticancer studies of synthesized ZnO nanoparticles against human cervical carcinoma cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 206-211.	3.8	72
48	Anti-Proliferative Effect of Copper Oxide Nanorods Against Human Cervical Carcinoma Cells. <i>Biological Trace Element Research</i> , 2016, 173, 62-70.	3.5	7
49	Cytotoxic effects of aspartame on human cervical carcinoma cells. <i>Toxicology Research</i> , 2016, 5, 45-52.	2.1	23
50	Time and Concentration-Dependent Therapeutic Potential of Silver Nanoparticles in Cervical Carcinoma Cells. <i>Biological Trace Element Research</i> , 2016, 170, 309-319.	3.5	25
51	Investigation of role of aspartame on apoptosis process in HeLa cells. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 503-506.	3.8	22
52	ZnO nanoparticles augment ALT, AST, ALP and LDH expressions in C2C12 cells. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 679-684.	3.8	29
53	Screening of ethnic medicinal plants of South India against influenza (H1N1) and their antioxidant activity. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 191-197.	3.8	27
54	Phytochemical screening and antioxidant activity of different solvent extracts from <i>Strychnos minor</i> Dennst leaves. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 204-209.	0.5	12

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55	Anti-influenza (H1N1) potential of leaf and stem bark extracts of selected medicinal plants of South India. Saudi Journal of Biological Sciences, 2015, 22, 532-538.	3.8	27
56	Spectroscopic determination of metabolic and mineral changes of soya-chunk mediated by Aspergillus sojae. Food Chemistry, 2015, 170, 1-9.	8.2	10
57	Metabolic Variations, Antioxidant Potential, and Antiviral Activity of Different Extracts of Eugenia singampattiana (an Endangered Medicinal Plant Used by Kani Tribals, Tamil Nadu, India) Leaf. BioMed Research International, 2014, 2014, 1-11.	1.9	5
58	Metabolic variation and antioxidant potential of Malus prunifolia (wild apple) compared with high flavon-3-ol containing fruits (apple, grapes) and beverage (black tea). Food Chemistry, 2014, 163, 46-50.	8.2	15