

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	Nanomaterials in plant tissue culture: the disclosed and undisclosed. RSC Advances, 2017, 7, 36492-36505.	3.6	157
2	Bioactive compounds in seaweeds: An overview of their biological properties and safety. Food and Chemical Toxicology, 2020, 135, 111013.	3.6	109
3	Ultra-sonication-assisted silver nanoparticles using Panax ginseng root extract and their anti-cancer and antiviral activities. Journal of Photochemistry and Photobiology B: Biology, 2018, 188, 6-11.	3.8	108
4	Green Synthesis of Iron Oxide Nanoparticles and Their Catalytic and In Vitro Anticancer Activities. Journal of Cluster Science, 2017, 28, 245-257.	3.3	87
5	Anticancer studies of synthesized ZnO nanoparticles against human cervical carcinoma cells. Journal of Photochemistry and Photobiology B: Biology, 2016, 158, 206-211.	3.8	72
6	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. Pharmacological Research, 2019, 147, 104346.	7.1	68
7	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. Food and Chemical Toxicology, 2019, 127, 11-18.	3.6	56
8	Valorization of onion solid waste and their flavonols for assessment of cytotoxicity, enzyme inhibitory and antioxidant activities. Food and Chemical Toxicology, 2018, 119, 281-289.	3.6	49
9	Probing the impact of quercetin-7-O-glucoside on influenza virus replication influence. Phytomedicine, 2016, 23, 958-967.	5.3	48
10	Green Synthesis: In-vitro Anticancer Activity of Silver Nanoparticles on Human Cervical Cancer Cells. Journal of Cluster Science, 2016, 27, 671-681.	3.3	46
11	Exploitation of apple pomace towards extraction of triterpenic acids, antioxidant potential, cytotoxic effects, and inhibition of clinically important enzymes. Food and Chemical Toxicology, 2019, 131, 110563.	3.6	39
12	Extreme effects of Seabuckthorn extracts on influenza viruses and human cancer cells and correlation between flavonol glycosides and biological activities of extracts. Saudi Journal of Biological Sciences, 2017, 24, 1646-1656.	3.8	37
13	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. Food and Chemical Toxicology, 2020, 135, 110985.	3.6	36
14	New insights into antiviral and cytotoxic potential of quercetin and its derivatives – A biochemical perspective. Food Chemistry, 2021, 334, 127508.	8.2	35
15	Comparative Study of Tocopherol Contents and Fatty Acids Composition in Twenty Almond Cultivars of Afghanistan. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 805-817.	1.9	31
16	Discovery of berberine based derivatives as anti-influenza agent through blocking of neuraminidase. Bioorganic and Medicinal Chemistry, 2017, 25, 5185-5193.	3.0	30
17	ZnO nanoparticles augment ALT, AST, ALP and LDH expressions in C2C12 cells. Saudi Journal of Biological Sciences, 2015, 22, 679-684.	3.8	29
18	Screening of ethnic medicinal plants of South India against influenza (H1N1) and their antioxidant activity. Saudi Journal of Biological Sciences, 2015, 22, 191-197.	3.8	27

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19	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
20	Time and Concentration-Dependent Therapeutic Potential of Silver Nanoparticles in Cervical Carcinoma Cells. Biological Trace Element Research, 2016, 170, 309-319.	3.5	25
21	Micropropagation of <i>Ajuga</i> species: a mini review. Biotechnology Letters, 2017, 39, 1291-1298.	2.2	25
22	Cytotoxic effects of aspartame on human cervical carcinoma cells. Toxicology Research, 2016, 5, 45-52.	2.1	23
23	Utilization of <i>Dianthus superbus</i> L and its bioactive compounds for antioxidant, anti-influenza and toxicological effects. Food and Chemical Toxicology, 2019, 125, 313-321.	3.6	23
24	Investigation of role of aspartame on apoptosis process in HeLa cells -->. Saudi Journal of Biological Sciences, 2016, 23, 503-506.	3.8	22
25	In vitro propagation of <i>Cymbidium goeringii</i> Reichenbach fil. through direct adventitious shoot regeneration. Physiology and Molecular Biology of Plants, 2018, 24, 307-313.	3.1	20
26	Toxicity and efficacy of CdO nanostructures on the MDCK and Caki-2 cells. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 174-181.	3.8	19
27	In Vitro Therapeutic Potential of Tio2 Nanoparticles Against Human Cervical Carcinoma Cells. Biological Trace Element Research, 2016, 171, 293-300.	3.5	19
28	Cytotoxic effect of TDZ on human cervical cancer cells. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 493-498.	3.8	18
29	In vitro propagation, carotenoid, fatty acid and tocopherol content of <i>Ajuga multiflora</i> Bunge. 3 Biotech, 2016, 6, 91.	2.2	16
30	In Vitro Propagation of <i>Gastrochilus matsuran</i> (Makino) Schltr., an Endangered Epiphytic Orchid. Plants, 2020, 9, 524.	3.5	16
31	Metabolic variation and antioxidant potential of <i>Malus prunifolia</i> (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
32	Efficacy of carnosine on activation of caspase 3 and human renal carcinoma cell inhibition. International Journal of Biological Macromolecules, 2016, 92, 377-382.	7.5	15
33	Î ² -Alanine intercede metabolic recovery for amelioration of human cervical and renal tumors. Amino Acids, 2017, 49, 1373-1380.	2.7	15
34	Micropropagation and Quantification of Bioactive Compounds in <i>Mertensia maritima</i> (L.) Gray. International Journal of Molecular Sciences, 2019, 20, 2141.	4.1	15
35	Marine Algae: A Potential Resource of Anti-HSV Molecules. Processes, 2019, 7, 887.	2.8	15
36	Highly competent in vitro propagation of <i>Thrixspermum japonicum</i> (Miq.) Rchb.f., a rare epiphytic orchid. In Vitro Cellular and Developmental Biology - Plant, 2018, 54, 302-308.	2.1	14

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37	Therapeutic efficacy of natural dipeptide carnosine against human cervical carcinoma cells. <i>Journal of Molecular Recognition</i> , 2016, 29, 426-435.	2.1	13
38	Berberine-piperazine conjugates as potent influenza neuraminidase blocker. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1204-1210.	7.5	13
39	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
40	Therapeutic potential of cyanobacteria against streptozotocin-induced diabetic rats. <i>3 Biotech</i> , 2016, 6, 94.	2.2	11
41	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
42	Influence of auxins on somatic embryogenesis in <i>Haworthia retusa</i> Duval. <i>Biologia (Poland)</i> , 2019, 74, 25-33.	1.5	11
43	Spectroscopic determination of metabolic and mineral changes of soya-chunk mediated by <i>Aspergillus sojae</i> . <i>Food Chemistry</i> , 2015, 170, 1-9.	8.2	10
44	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
45	Nanotherapeutic Anti-influenza Solutions: Current Knowledge and Future Challenges. <i>Journal of Cluster Science</i> , 2018, 29, 933-941.	3.3	10
46	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
47	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
48	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
49	Micropropagation and Subsequent Enrichment of Carotenoids, Fatty Acids, and Tocopherol Contents in <i>Sedum dasyphyllum</i> L. <i>Frontiers in Chemistry</i> , 2017, 5, 77.	3.6	7
50	In Vitro Enzyme Inhibitory Properties, Secondary Metabolite Profiles and Multivariate Analysis of Five Seaweeds. <i>Marine Drugs</i> , 2020, 18, 198.	4.6	7
51	Nematicidal potential and specific enzyme activity enhancement potential of neem (<i>Azadirachta indica</i>) Tj ETQq1 1,0,784314 _{5,3} rgBT /Ove		
52	Metabolic Variations, Antioxidant Potential, and Antiviral Activity of Different Extracts of <i>Eugenia singampattiana</i> (an Endangered Medicinal Plant Used by Kani Tribals, Tamil Nadu, India) Leaf. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	5
53	<scp>ZnO</scp> nanoparticles assist the refolding of denatured green fluorescent protein. <i>Journal of Molecular Recognition</i> , 2016, 29, 170-173.	2.1	5
54	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

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55	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
56	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
57	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
58	Toxicological evaluation of aspartame against Madin-Darby canine kidney cells. <i>Journal of Food Measurement and Characterization</i> , 2017, 11, 355-363.	3.2	1