

Jong Hwan Kwak

List of Publications by Year in descending order

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45
papers

1,576
citations

279798

23
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured glycan architecture is important in the inhibition of influenza A virus infection. <i>Nature Nanotechnology</i> , 2017, 12, 48-54.	31.5	131
2	Rational Design of <i>in Vivo</i> Tau Tangle-Selective Near-Infrared Fluorophores: Expanding the BODIPY Universe. <i>Journal of the American Chemical Society</i> , 2017, 139, 13393-13403.	13.7	117
3	Chemiluminescent Probe for the <i>In Vitro</i> and <i>In Vivo</i> Imaging of Cancers Overexpressing NQO1. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1739-1743.	13.8	104
4	Rhodium-Catalyzed Selective C-H Cyanation of Indolines and Indoles with an Easily Accessible Cyano Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1293-1298.	4.3	95
5	Synthesis of Succinimide-Containing Chromones, Naphthoquinones, and Xanthenes under Rh(III) Catalysis: Evaluation of Anticancer Activity. <i>Journal of Organic Chemistry</i> , 2016, 81, 12416-12425.	3.2	88
6	Access to 3-Acyl-(2H)-indazoles via Rh(III)-Catalyzed C-H Addition and Cyclization of Azobenzenes with α -Keto Aldehydes. <i>Organic Letters</i> , 2016, 18, 232-235.	4.6	78
7	Antioxidative iridoid glycosides and phenolic compounds from <i>Veronica peregrina</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 207-213.	6.3	68
8	Cytotoxic phenolic compounds from <i>Chionanthus retusus</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 1681-1687.	6.3	61
9	Cp*Rh(III)-catalyzed C-H alkylation of 8-methylquinolines in aqueous media. <i>Chemical Communications</i> , 2017, 53, 3006-3009.	4.1	60
10	Palladium-Catalyzed Decarboxylative Acylation of <i>o</i> -Phenyl Carbamates with α -Oxocarboxylic Acids at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 667-672.	4.3	57
11	β -Caryophyllene alleviates d-galactosamine and lipopolysaccharide-induced hepatic injury through suppression of the TLR4 and RAGE signaling pathways. <i>European Journal of Pharmacology</i> , 2015, 764, 613-621.	3.5	49
12	Plumbagin from a tropical pitcher plant (<i>Nepenthes alata</i> Blanco) induces apoptotic cell death via a p53-dependent pathway in MCF-7 human breast cancer cells. <i>Food and Chemical Toxicology</i> , 2019, 123, 492-500.	3.6	47
13	Rh(III)-Catalyzed C-H Amidation of Indoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2015, 80, 7243-7250.	3.2	42
14	Mild and Site-Selective Allylation of Enol Carbamates with Allylic Carbonates under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 2243-2251.	3.2	38
15	Effects of β -Sitosterol from Corn Silk on TGF- β 1-Induced Epithelial-Mesenchymal Transition in Lung Alveolar Epithelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9789-9795.	5.2	35
16	<i>Dendropanax morbifera</i> Ameliorates Thioacetamide-Induced Hepatic Fibrosis via TGF- β 1/Smads Pathways. <i>International Journal of Biological Sciences</i> , 2019, 15, 800-811.	6.4	35
17	Palladium-Catalyzed Direct Acylation of Ketoximes and Aldoximes from the Alcohol Oxidation Level through C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6656-6665.	2.4	33
18	The analgesic and anti-inflammatory effects of <i>Litsea japonica</i> fruit are mediated via suppression of NF- κ B and JNK/p38 MAPK activation. <i>International Immunopharmacology</i> , 2014, 22, 84-97.	3.8	33

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19	Afrocyclamin A, a triterpene saponin, induces apoptosis and autophagic cell death via the PI3K/Akt/mTOR pathway in human prostate cancer cells. <i>Phytomedicine</i> , 2018, 51, 139-150.	5.3	31
20	Chemiluminescent Probe for the In-vitro and In-vivo Imaging of Cancers Over-expressing NQO1. <i>Angewandte Chemie</i> , 2019, 131, 1753-1757.	2.0	30
21	Palladium-Catalyzed Oxidative Acylation of <i>N</i> -Benzyltriflamides with Aldehydes via C-H Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 332-336.	4.3	28
22	Synthesis and Cytotoxic Evaluation of <i>N</i> -Aroylureas through Rhodium(III)-Catalyzed C-H Functionalization of Indolines with Isocyanates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2329-2336.	4.3	28
23	Blood-brain barrier-permeable fluorone-labeled dieckols acting as neuronal ER stress signaling inhibitors. <i>Biomaterials</i> , 2015, 61, 52-60.	11.4	26
24	Lobaric Acid Inhibits VCAM-1 Expression in TNF- α -Stimulated Vascular Smooth Muscle Cells via Modulation of NF- κ B and MAPK Signaling Pathways. <i>Biomolecules and Therapeutics</i> , 2016, 24, 25-32.	2.4	22
25	Pneumolysin induces cellular senescence by increasing ROS production and activation of MAPK/NF- κ B signal pathway in glial cells. <i>Toxicon</i> , 2017, 129, 100-112.	1.6	19
26	Dendropanax moribifera Protects against Renal Fibrosis in Streptozotocin-Induced Diabetic Rats. <i>Antioxidants</i> , 2020, 9, 84.	5.1	19
27	Phenolic constituents from the aerial parts of <i>Artemisia stolonifera</i> . <i>Archives of Pharmacal Research</i> , 1996, 19, 231-234.	6.3	18
28	Synthesis of rhodamine-labelled dieckol: its unique intracellular localization and potent anti-inflammatory activity. <i>Chemical Communications</i> , 2014, 50, 13045-13048.	4.1	18
29	Prolyl endopeptidase inhibitors from caryophylli flos. <i>Archives of Pharmacal Research</i> , 1998, 21, 207-211.	6.3	17
30	Platycodon grandiflorus Root Extract Improves Learning and Memory by Enhancing Synaptogenesis in Mice Hippocampus. <i>Nutrients</i> , 2017, 9, 794.	4.1	15
31	Novel therapeutic roles of MC-4 in combination with everolimus against advanced renal cell carcinoma by dual targeting of Akt/pyruvate kinase muscle isozyme M2 and mechanistic target of rapamycin complex 1 pathways. <i>Cancer Medicine</i> , 2018, 7, 5083-5095.	2.8	15
32	Oscarellin, an Anthranilic Acid Derivative from a Philippine Sponge, <i>Oscarella stillans</i> , as an Inhibitor of Inflammatory Cytokines in Macrophages. <i>Journal of Natural Products</i> , 2017, 80, 149-155.	3.0	14
33	Sesquiterpenes from <i>Cyperus rotundus</i> and 4 β ,5 β -oxidoeudesm-11-en-3-one as a potential selective estrogen receptor modulator. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1313-1318.	5.6	14
34	Total Synthesis and Anti-inflammatory Evaluation of Penchinone A and Its Structural Analogues. <i>Journal of Organic Chemistry</i> , 2017, 82, 11566-11572.	3.2	13
35	Protective Effects of <i>Dendropanax moribifera</i> against Cisplatin-Induced Nephrotoxicity without Altering Chemotherapeutic Efficacy. <i>Antioxidants</i> , 2019, 8, 256.	5.1	13
36	A new cytotoxic spiroketal from the myxobacterium <i>Sorangium cellulosum</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 841-844.	6.3	10

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37	Inhibitory Effect of Methyl 2-(4-Methoxy-4-oxobutanamide) Benzoate from Jerusalem Artichoke (<i>Helianthus tuberosus</i>) on the Inflammatory Paracrine Loop between Macrophages and Adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 9317-9325.	5.2	10
38	Protective effects of dendropanoxide isolated from <i>Dendropanax morbifera</i> against cisplatin-induced acute kidney injury via the AMPK/mTOR signaling pathway. <i>Food and Chemical Toxicology</i> , 2020, 145, 111605.	3.6	9
39	Inhibitory effects of norlignans isolated from <i>Anemarrhena asphodeloides</i> on degranulation of rat basophilic leukemia-2H3 Cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1061-1066.	5.6	8
40	Î²-Peltoboykinolic Acid from <i>Astilbe rubra</i> Attenuates TGF-Î²1-Induced Epithelial-to-Mesenchymal Transitions in Lung Alveolar Epithelial Cells. <i>Molecules</i> , 2019, 24, 2573.	3.8	7
41	Isolation and Characterization of Phenylpropanoid and Lignan Compounds from <i>Peperomia pellucida</i> [L.] Kunth with Estrogenic Activities. <i>Molecules</i> , 2020, 25, 4914.	3.8	7
42	Synthesis of Î€-Extended Heterocycles via Rh(III)-Catalyzed Oxidative Annulation of 5-Aryl Pyrazinones with Alkynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 16349-16360.	3.2	6
43	Pine Needle Extract Applicable to Topical Treatment for the Prevention of Human Papillomavirus Infection. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 137-143.	2.1	4
44	LC-MS-MS Determination of Cyclo{(2S)-2-amino-8-[(aminocarbonyl)hydrazono]decanoyl-1-l-tryptophyl-l-isoleucyl-(2R)-2-piperidinecarbonyl} a Novel Histone Deacetylase Inhibitor in Rat Serum. <i>Chromatographia</i> , 2008, 67, 231-235.	1.3	2
45	Structure-Activity Relationship of Iridoid Glycosides from <i>Gardenia</i> Fruits. <i>Chemistry Letters</i> , 2015, 44, 837-839.	1.3	2