

# Jae-Hwan Kwak

## List of Publications by Year in descending order

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49  
papers

648  
citations

516710

16  
h-index

642732

23  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxime derivative TFOBO promotes cell death by modulating reactive oxygen species and regulating NADPH oxidase activity in myeloid leukemia. <i>Scientific Reports</i> , 2022, 12, 7519.	3.3	1
2	Pharmacokinetic interaction between dronedarone and ticagrelor following oral administration in rats. <i>Xenobiotica</i> , 2021, 51, 194-201.	1.1	0
3	Comparative Efficacy of Oral Calcitonin-Receptor-Related Peptide Antagonists for the Treatment of Acute Migraine: Updated Meta-analysis. <i>Clinical Drug Investigation</i> , 2021, 41, 119-132.	2.2	18
4	N-Phenyl Cinnamamide Derivatives Protect Hepatocytes against Oxidative Stress by Inducing Cellular Glutathione Synthesis via Nuclear Factor (Erythroid-Derived 2)-Like 2 Activation. <i>Molecules</i> , 2021, 26, 1027.	3.8	2
5	Single-Step Approach toward Nitrones via Pyridinium Ylides: The DMAP-Catalyzed Reaction of Benzyl Halides with Nitrosoarenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 6343-6350.	3.2	6
6	Oral bioavailability and pharmacokinetics of esculetin following intravenous and oral administration in rats. <i>Xenobiotica</i> , 2021, 51, 811-817.	1.1	10
7	Synthesis and Biological Evaluation of (S)-2-(Substituted) Tetrahydroquinoline Derivatives as Inhibitors of PTEN-Deficient MDA-MB-468 Cells. <i>Pharmaceuticals</i> , 2021, 14, 974.	3.8	1
8	Inflammatory responses of C57BL/6N mice to dextran sulfate sodium-induced colitis: comparison between three C57BL/6N sub-strains. <i>Laboratory Animal Research</i> , 2021, 37, 8.	2.5	2
9	4-Dimethylaminopyridine-Catalyzed Metal-Free Aerobic Oxidation of Aryl $\alpha$ -Halo Esters to Aryl $\alpha$ -Keto Esters. <i>ACS Omega</i> , 2020, 5, 22951-22957.	3.5	10
10	Comparative study of liver injury induced by high-fat methionine- and choline-deficient diet in ICR mice originating from three different sources. <i>Laboratory Animal Research</i> , 2019, 35, 15.	2.5	7
11	Medicinal plants and phytochemicals for diabetes mellitus: pharmacokinetic characteristics and herb-drug interactions. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 603-612.	5.3	17
12	Comparison of toxic responses to acetaminophen challenge in ICR mice originating from different sources. <i>Laboratory Animal Research</i> , 2019, 35, 16.	2.5	15
13	Discovery and SAR studies of novel 2-anilinopyrimidine-based selective inhibitors against triple-negative breast cancer cell line MDA-MB-468. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 62-65.	2.2	11
14	Synthesis of Phenyl m-coumarylamide Analogs and Their Anti-platelet Aggregation Activity. <i>Journal of the Pharmaceutical Society of Korea</i> , 2019, 63, 70-74.	0.2	1
15	A comparison of metabolomic changes in type-1 diabetic C57BL/6N mice originating from different sources. <i>Laboratory Animal Research</i> , 2018, 34, 232.	2.5	2
16	Tunicamycin-Induced ER Stress is Accompanied with Oxidative Stress via Abrogation of Sulfur Amino Acids Metabolism in the Liver. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4114.	4.1	36
17	Proteomic Evaluation of Biomarkers to Determine the Postmortem Interval. <i>Analytical Letters</i> , 2017, 50, 207-218.	1.8	6
18	Design, synthesis, and biological evaluation of novel 1-oxo-1,2,3,4-tetrahydropyrazino[1,2-a]indole-3-carboxamide analogs in MCF-7 and MDA-MB-468 breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 607-611.	2.2	19

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19	Recent Advances in Substrate-Controlled Asymmetric Cyclization for Natural Product Synthesis. <i>Molecules</i> , 2017, 22, 1069.	3.8	1
20	Comparative study of fatty liver induced by methionine and choline-deficiency in C57BL/6N mice originating from three different sources. <i>Laboratory Animal Research</i> , 2017, 33, 157.	2.5	17
21	Comparision of doxorubicin-induced cardiotoxicity in the ICR mice of different sources. <i>Laboratory Animal Research</i> , 2017, 33, 165.	2.5	24
22	Antioxidant Effect of Barley Sprout Extract via Enhancement of Nuclear Factor-Erythroid 2 Related Factor 2 Activity and Glutathione Synthesis. <i>Nutrients</i> , 2017, 9, 1252.	4.1	17
23	Characterization of Apoptosis Induced by Ginsenosides in Human Lung Cancer Cells. <i>Analytical Letters</i> , 2016, 49, 843-854.	1.8	6
24	Design and synthesis of 2,3-dihydro- and 5-chloro-2,3-dihydro-naphtho-[1,2-b]furan-2-carboxylic acid N-(substitutedphenyl)amide analogs and their biological activities as inhibitors of NF- $\kappa$ B activity and anticancer agents. <i>Archives of Pharmacal Research</i> , 2016, 39, 618-630.	6.3	9
25	Advances in the synthesis of glycosidic macrolides: clavosolides Aâ€”D and cyanolide A. <i>Natural Product Reports</i> , 2016, 33, 1393-1424.	10.3	13
26	Determination of propofol glucuronide from hair sample by using mixed mode anion exchange cartridge and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 209-213.	2.3	8
27	Development of Novel 1,2,3,4-Tetrahydroquinoline Scaffolds as Potent NF- $\kappa$ B Inhibitors and Cytotoxic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 385-390.	2.8	30
28	A novel synthetic compound MCAP suppresses LPS-induced murine microglial activation in vitro via inhibiting NF- $\kappa$ B and p38 MAPK pathways. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 334-343.	6.1	28
29	Determination of Gamma-Hydroxybutyric Acid in Urine by Solid Phase Extraction and Gas Chromatographyâ€”Mass Spectrometry. <i>Analytical Letters</i> , 2016, 49, 217-225.	1.8	6
30	Design, synthesis, and biological evaluation of benzofuran- and 2,3-dihydrobenzofuran-2-carboxylic acid N-(substituted)phenylamide derivatives as anticancer agents and inhibitors of NF- $\kappa$ B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2545-2549.	2.2	49
31	Determination of Methamphetamine and Amphetamine in Hair by Mixed-Mode Anion Exchange Solid Phase Extraction and Liquid Chromatographyâ€”Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2015, 48, 2533-2543.	1.8	3
32	Epithelial-mesenchymal Transition is Associated with Acquired Resistance to 5-Fluorouracil in HT-29 Colon Cancer Cells. <i>Toxicological Research</i> , 2015, 31, 151-156.	2.1	61
33	Transformation of Mouse Liver Cells by Methylcholanthrene Leads to Phenotypic Changes Associated with Epithelial-mesenchymal Transition. <i>Toxicological Research</i> , 2014, 30, 261-266.	2.1	5
34	Design and synthesis of 4-O-methylhonokiol analogs as inhibitors of cyclooxygenase-2 (COX-2) and PGFI production. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2860-2868.	3.0	20
35	Nuclear factor- $\kappa$ B inhibitors; a patent review (2006 â€” 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1897-1910.	5.0	43
36	Expedient synthesis of 4-O-methylhonokiol via Suzukiâ€”Miyaura cross-coupling. <i>Tetrahedron</i> , 2011, 67, 9401-9404.	1.9	15

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37	Synthesis and anti-platelet activity of obovatol derivatives. Archives of Pharmacal Research, 2011, 34, 1107-1112.	6.3	6
38	Anti-Proliferative Activity of OD78 Is Mediated through Cell Cycle Progression by Upregulation p27 <sup>kip1</sup> in Rat Aortic Vascular Smooth Muscle Cells. Biomolecules and Therapeutics, 2011, 19, 187-194.	2.4	0
39	Synthesis and in Vitro cytotoxic activities of 2-alkyl-2,3-dihydro-1H-2,6-diazacyclopenta[b]anthracene-5,10-diones. Archives of Pharmacal Research, 2010, 33, 663-667.	6.3	0
40	Structure-activity relationship of indoline-2-carboxylic acid N-(substituted)phenylamide derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4620-4623.	2.2	17
41	Synthesis and nuclear factor- $\kappa$ B inhibitory activities of 6- or 7-methylchroman-2-carboxylic acid N-(substituted) phenylamides. Archives of Pharmacal Research, 2009, 32, 167-175.	6.3	9
42	Methyl Aryloxy Gallates as Regulators of Vascular Smooth Muscle Cell Proliferation. Bulletin of the Korean Chemical Society, 2009, 30, 2881-2882.	1.9	3
43	Synthesis of chroman-2-carboxylic acid N-(substituted)phenylamides and their inhibitory effect on nuclear factor- $\kappa$ B (NF- $\kappa$ B) activation. Archives of Pharmacal Research, 2008, 31, 133-141.	6.3	17
44	Synthesis and cytotoxic activities of 2-alkyl-2,3-dihydro-1H-2,6,9-triazacyclopenta[b]anthracene-5,10-diones. Archives of Pharmacal Research, 2008, 31, 995-998.	6.3	4
45	Concise synthesis of Obovatol: Chemoselective ortho-bromination of phenol and survey of Cu-catalyzed diaryl ether couplings. Archives of Pharmacal Research, 2008, 31, 1559-1563.	6.3	13
46	Synthesis of novel diaryl ethers and their evaluation as antimitotic agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1799-1802.	2.2	18
47	Stereoselective synthesis of (E)- and (Z)-enol ethers from $\alpha$ -amino aldehydes. Archives of Pharmacal Research, 2007, 30, 695-700.	6.3	4
48	Structure-activity relationships of 6-hydroxy-7-methoxychroman-2-carboxylic acid N-(substituted)phenylamides as inhibitors of nuclear factor- $\kappa$ B activation. Archives of Pharmacal Research, 2007, 30, 1210-1215.	6.3	13
49	Synthesis of 7-hydroxy-4-Oxo-4H-chromene- and 7-hydroxychroman-2-carboxylic acid N-alkyl amides and their antioxidant activities. Archives of Pharmacal Research, 2006, 29, 728-734.	6.3	18