

Jae-Hwan Kwak

List of Publications by Year in descending order

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49
papers

648
citations

516710

16
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642732

23
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all docs

53
docs citations

53
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1036
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#	ARTICLE	IF	CITATIONS
1	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
2	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- κ B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2545-2549.	2.2	49
3	Nuclear factor-kappa B inhibitors; a patent review (2006 – 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1897-1910.	5.0	43
4	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
5	Development of Novel 1,2,3,4-Tetrahydroquinoline Scaffolds as Potent NF- κ B Inhibitors and Cytotoxic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 385-390.	2.8	30
6	A novel synthetic compound MCAP suppresses LPS-induced murine microglial activation in vitro via inhibiting NF- κ B and p38 MAPK pathways. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 334-343.	6.1	28
7	Comparison of doxorubicin-induced cardiotoxicity in the ICR mice of different sources. <i>Laboratory Animal Research</i> , 2017, 33, 165.	2.5	24
8	Design and synthesis of 4-O-methylhonokiol analogs as inhibitors of cyclooxygenase-2 (COX-2) and PGF1 production. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2860-2868.	3.0	20
9	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
10	Synthesis of 7-hydroxy-4-Oxo-4H-chromene- and 7-hydroxychroman-2-carboxylic acid N-alkyl amides and their antioxidant activities. <i>Archives of Pharmacal Research</i> , 2006, 29, 728-734.	6.3	18
11	Synthesis of novel diaryl ethers and their evaluation as antimetabolic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1799-1802.	2.2	18
12	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
13	Synthesis of chroman-2-carboxylic acid N-(substituted)phenylamides and their inhibitory effect on nuclear factor- κ B (NF- κ B) activation. <i>Archives of Pharmacal Research</i> , 2008, 31, 133-141.	6.3	17
14	Structure-activity relationship of indoline-2-carboxylic acid N-(substituted)phenylamide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4620-4623.	2.2	17
15	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
16	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
17	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
18	Expedient synthesis of 4-O-methylhonokiol via Suzuki-Miyaura cross-coupling. <i>Tetrahedron</i> , 2011, 67, 9401-9404.	1.9	15

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19	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
20	Structure-activity relationships of 6-hydroxy-7-methoxychroman-2-carboxylic acid N-(substituted)phenylamides as inhibitors of nuclear factor- κ B activation. <i>Archives of Pharmacal Research</i> , 2007, 30, 1210-1215.	6.3	13
21	Concise synthesis of Obovatol: Chemoselective ortho-bromination of phenol and survey of Cu-catalyzed diaryl ether couplings. <i>Archives of Pharmacal Research</i> , 2008, 31, 1559-1563.	6.3	13
22	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
23	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
24	4-Dimethylaminopyridine-Catalyzed Metal-Free Aerobic Oxidation of Aryl $\hat{\text{I}}$ -Halo Esters to Aryl $\hat{\text{I}}$ -Keto Esters. <i>ACS Omega</i> , 2020, 5, 22951-22957.	3.5	10
25	Oral bioavailability and pharmacokinetics of esculetin following intravenous and oral administration in rats. <i>Xenobiotica</i> , 2021, 51, 811-817.	1.1	10
26	Synthesis and nuclear factor- $\hat{\text{I}}$ B inhibitory activities of 6- or 7-methylchroman-2-carboxylic acid N-(substituted) phenylamides. <i>Archives of Pharmacal Research</i> , 2009, 32, 167-175.	6.3	9
27	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- $\hat{\text{I}}$ B activity and anticancer agents. <i>Archives of Pharmacal Research</i> , 2016, 39, 618-630.	6.3	9
28	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
29	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
30	Synthesis and anti-platelet activity of obovatol derivatives. <i>Archives of Pharmacal Research</i> , 2011, 34, 1107-1112.	6.3	6
31	Characterization of Apoptosis Induced by Ginsenosides in Human Lung Cancer Cells. <i>Analytical Letters</i> , 2016, 49, 843-854.	1.8	6
32	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
33	Proteomic Evaluation of Biomarkers to Determine the Postmortem Interval. <i>Analytical Letters</i> , 2017, 50, 207-218.	1.8	6
34	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
35	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
36	Stereoselective synthesis of (E)- and (Z)-enol ethers from $\hat{\text{I}}$ -amino aldehydes. <i>Archives of Pharmacal Research</i> , 2007, 30, 695-700.	6.3	4

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37	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
38	Determination of Methamphetamine and Amphetamine in Hair by Mixed-Mode Anion Exchange Solid Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry. Analytical Letters, 2015, 48, 2533-2543.	1.8	3
39	Methyl Aryloxy Gallates as Regulators of Vascular Smooth Muscle Cell Proliferation. Bulletin of the Korean Chemical Society, 2009, 30, 2881-2882.	1.9	3
40	A comparison of metabolomic changes in type-1 diabetic C57BL/6N mice originating from different sources. Laboratory Animal Research, 2018, 34, 232.	2.5	2
41	N-Phenyl Cinnamamide Derivatives Protect Hepatocytes against Oxidative Stress by Inducing Cellular Glutathione Synthesis via Nuclear Factor (Erythroid-Derived 2)-Like 2 Activation. Molecules, 2021, 26, 1027.	3.8	2
42	Inflammatory responses of C57BL/6NKorl mice to dextran sulfate sodium-induced colitis: comparison between three C57BL/6N sub-strains. Laboratory Animal Research, 2021, 37, 8.	2.5	2
43	Recent Advances in Substrate-Controlled Asymmetric Cyclization for Natural Product Synthesis. Molecules, 2017, 22, 1069.	3.8	1
44	Synthesis and Biological Evaluation of (S)-2-(Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (arylmethyl)-1-oxo-1,2,3,4-tetrahydroquinoline-3-carboxamide Derivatives and Their Effect against PTEN-Deficient MDA-MB-468 Cells. Pharmaceuticals, 2021, 14, 974.	3.8	1
45	Synthesis of Phenyl m-coumarylamide Analogs and Their Anti-platelet Aggregation Activity. Journal of the Pharmaceutical Society of Korea, 2019, 63, 70-74.	0.2	1
46	Oxime derivative TFOBO promotes cell death by modulating reactive oxygen species and regulating NADPH oxidase activity in myeloid leukemia. Scientific Reports, 2022, 12, 7519.	3.3	1
47	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
48	Pharmacokinetic interaction between dronedarone and ticagrelor following oral administration in rats. Xenobiotica, 2021, 51, 194-201.	1.1	0
49	Anti-Proliferative Activity of OD78 Is Mediated through Cell Cycle Progression by Upregulation p27 ^{kip1} in Rat Aortic Vascular Smooth Muscle Cells. Biomolecules and Therapeutics, 2011, 19, 187-194.	2.4	0