

# Hak Joong Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

281  
citations

933447

10  
h-index

940533

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Docosahexaenoic acid-mediated protein aggregates may reduce proteasome activity and delay myotube degradation during muscle atrophy in vitro. <i>Experimental and Molecular Medicine</i> , 2017, 49, e287-e287.	7.7	25
2	A Potential PET Radiotracer for the 5-HT <sub>2C</sub> Receptor: Synthesis and in Vivo Evaluation of 4-(3-[ <sup>18</sup> F]fluorophenethoxy)pyrimidine. <i>ACS Chemical Neuroscience</i> , 2017, 8, 996-1003.	3.5	25
3	Key Structural Elements for Cellular Uptake of Acinetobactin, a Major Siderophore of <i>Acinetobacter baumannii</i> . <i>Organic Letters</i> , 2017, 19, 500-503.	4.6	24
4	Biophysical and chemical handles to control the size of DNA nanoparticles produced by rolling circle amplification. <i>Biomaterials Science</i> , 2016, 4, 1314-1317.	5.4	23
5	Current biochemical understanding regarding the metabolism of acinetobactin, the major siderophore of the human pathogen <i>Acinetobacter baumannii</i> , and outlook for discovery of novel anti-infectious agents based thereon. <i>Natural Product Reports</i> , 2020, 37, 477-487.	10.3	19
6	5-HT <sub>7</sub> receptor modulators: Amino groups attached to biphenyl scaffold determine functional activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 180-190.	5.5	14
7	Total Syntheses of Fimsbactin A and B and Their Stereoisomers to Probe the Stereoselectivity of the Fimsbactin Uptake Machinery in <i>Acinetobacter baumannii</i> . <i>Organic Letters</i> , 2020, 22, 2806-2810.	4.6	14
8	Synthesis and Characterization of Anguibactin To Reveal Its Competence To Function as a Thermally Stable Surrogate Siderophore for a Gram-Negative Pathogen, <i>Acinetobacter baumannii</i> . <i>Organic Letters</i> , 2018, 20, 6476-6479.	4.6	13
9	Total Syntheses and Evaluation of the Siderophore Functions of Fimsbactin B and Its Analogs. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1520-1523.	1.9	11
10	MG53-IRS-1 (Mitsugumin 53-Insulin Receptor Substrate-1) Interaction Disruptor Sensitizes Insulin Signaling in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2016, 291, 26627-26635.	3.4	11
11	Development of carbapenem-based fluorogenic probes for the clinical screening of carbapenemase-producing bacteria. <i>Bioorganic Chemistry</i> , 2020, 94, 103405.	4.1	11
12	Total Synthesis of Acinetobactin. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 439-441.	1.9	10
13	Structural Revision of Baulamycin A and Structure-Activity Relationships of Baulamycin A Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 12947-12966.	3.2	9
14	Development of a novel fluorescence probe capable of assessing the cytoplasmic entry of siderophore-based conjugates. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 73-76.	2.8	8
15	Discovery of G Protein-Biased Ligands against 5-HT <sub>7</sub> R. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7453-7467.	6.4	8
16	Distinctive Roles of Two Acinetobactin Isomers in Challenging Host Nutritional Immunity. <i>MBio</i> , 2021, 12, e0224821.	4.1	8
17	Function of Fimsbactin B as an <i>Acinetobacter</i> -Selective Antibiotic Delivery Vehicle. <i>Organic Letters</i> , 2021, 23, 5256-5260.	4.6	5
18	Discovery of G Protein-Biased Antagonists against 5-HT <sub>7</sub> R. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13766-13779.	6.4	5

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19	Synthesis of <i>N</i> -alkylcarbazole Derivatives as 5-HT <sub>7</sub> Antagonists. Bulletin of the Korean Chemical Society, 2018, 39, 1083-1089.	1.9	4
20	Evaluation of anti-depressant effects of phthalazinone-based triple-acting small molecules against 5-HT <sub>2A</sub> , 5-HT <sub>2C</sub> , and the serotonin transporter. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126882.	2.2	4
21	Synthesis and Biological Evaluation of Disubstituted Pyrimidines as Selective 5-HT <sub>2C</sub> Agonists. Molecules, 2019, 24, 3234.	3.8	3
22	Identification of Optically Active Pyrimidine Derivatives as Selective 5-HT <sub>2C</sub> Modulators. Molecules, 2017, 22, 1416.	3.8	2
23	<i>N</i> -(Biphenyl-3-ylmethyl)ethanamines as G protein-biased agonists of 5-HT <sub>7</sub> . Bulletin of the Korean Chemical Society, 2022, 43, 73-77.	1.9	1