

# Hak Joong Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

281  
citations

933264

10  
h-index

940416

16  
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24  
all docs

24  
docs citations

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times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>N</i> -(Biphenyl-3-ylmethyl)ethanamines as G protein-biased agonists of 5-HT <sub>7</sub> R. Bulletin of the Korean Chemical Society, 2022, 43, 73-77.	1.0	1
2	Discovery of G Protein-Biased Ligands against 5-HT <sub>7</sub> R. Journal of Medicinal Chemistry, 2021, 64, 7453-7467.	2.9	8
3	Function of Fimsbactin B as an <i>Acinetobacter</i> -Selective Antibiotic Delivery Vehicle. Organic Letters, 2021, 23, 5256-5260.	2.4	5
4	Discovery of G Protein-Biased Antagonists against 5-HT <sub>7</sub> R. Journal of Medicinal Chemistry, 2021, 64, 13766-13779.	2.9	5
5	Distinctive Roles of Two Acinetobactin Isomers in Challenging Host Nutritional Immunity. MBio, 2021, 12, e0224821.	1.8	8
6	Development of carbapenem-based fluorogenic probes for the clinical screening of carbapenemase-producing bacteria. Bioorganic Chemistry, 2020, 94, 103405.	2.0	11
7	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. Natural Product Reports, 2020, 37, 477-487.	5.2	19
8	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.	1.0	4
9	Total Syntheses of Fimsbactin A and B and Their Stereoisomers to Probe the Stereoselectivity of the Fimsbactin Uptake Machinery in <i>Acinetobacter baumannii</i> . Organic Letters, 2020, 22, 2806-2810.	2.4	14
10	Synthesis and Biological Evaluation of Disubstituted Pyrimidines as Selective 5-HT <sub>2C</sub> Agonists. Molecules, 2019, 24, 3234.	1.7	3
11	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> . Organic Letters, 2018, 20, 6476-6479.	2.4	13
12	Synthesis of <i>N</i> -Alkylcarbazole Derivatives as 5-HT <sub>7</sub> R Antagonists. Bulletin of the Korean Chemical Society, 2018, 39, 1083-1089.	1.0	4
13	Key Structural Elements for Cellular Uptake of Acinetobactin, a Major Siderophore of <i>Acinetobacter baumannii</i> . Organic Letters, 2017, 19, 500-503.	2.4	24
14	Docosahexaenoic acid-mediated protein aggregates may reduce proteasome activity and delay myotube degradation during muscle atrophy in vitro. Experimental and Molecular Medicine, 2017, 49, e287-e287.	3.2	25
15	A Potential PET Radiotracer for the 5-HT <sub>2C</sub> Receptor: Synthesis and in Vivo Evaluation of 4-(3-[ <sup>18</sup> F]fluorophenoxy)pyrimidine. ACS Chemical Neuroscience, 2017, 8, 996-1003.	1.7	25
16	Structural Revision of Baulamycin A and Structure-Activity Relationships of Baulamycin A Derivatives. Journal of Organic Chemistry, 2017, 82, 12947-12966.	1.7	9
17	Identification of Optically Active Pyrimidine Derivatives as Selective 5-HT <sub>2C</sub> Modulators. Molecules, 2017, 22, 1416.	1.7	2
18	MG53-IRS-1 (Mitsugumin 53-Insulin Receptor Substrate-1) Interaction Disruptor Sensitizes Insulin Signaling in Skeletal Muscle. Journal of Biological Chemistry, 2016, 291, 26627-26635.	1.6	11

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19	5-HT 7 receptor modulators: Amino groups attached to biphenyl scaffold determine functional activity. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 180-190.	2.6	14
20	Biophysical and chemical handles to control the size of DNA nanoparticles produced by rolling circle amplification. <i>Biomaterials Science</i> , 2016, 4, 1314-1317.	2.6	23
21	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.	1.0	11
22	Total Synthesis of Acinetobactin. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 439-441.	1.0	10
23	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.	1.5	8