

Jae Hong Seo

List of Publications by Year in descending order

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34
papers

550
citations

687363

13
h-index

642732

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43
all docs

43
docs citations

43
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of the Polycyclic Fungal Metabolite (±)-Communesin...F. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2000-2003.	13.8	103
2	Synthetic Studies on Perophoramidine and the Communesins: Construction of the Vicinal Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2006, 71, 8891-8900.	3.2	60
3	Evolution of a Strategy for Total Synthesis of the Marine Fungal Alkaloid (±)-Communesin F. <i>Journal of Organic Chemistry</i> , 2010, 75, 2667-2680.	3.2	47
4	Synthesis of the QRSTU Domain of Maitotoxin and Its 85-epi- and 86-epi-Diastereoisomers. <i>Journal of the American Chemical Society</i> , 2010, 132, 9900-9907.	13.7	35
5	Synthesis of the C ₂ D ₂ E ₂ F ₂ Domain of Maitotoxin. <i>Journal of the American Chemical Society</i> , 2011, 133, 214-219.	13.7	30
6	Stereoselective determination of ginsenosides R _{g3} and R _{h2} epimers in rat plasma by LC-MS/MS: Application to a pharmacokinetic study. <i>Journal of Separation Science</i> , 2013, 36, 1904-1912.	2.5	22
7	Synthesis of 3,4-Dihydroisoquinolinones from N-Boc(1-arylethyl)carbamates via Isocyanate Intermediates. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 965-971.	2.4	21
8	The phosphodiesterase 5 inhibitor, KJ1002, reverses a mouse model of amnesia by activating a cGMP/cAMP response element binding protein pathway and decreasing oxidative damage. <i>British Journal of Pharmacology</i> , 2018, 175, 3347-3360.	5.4	21
9	Small molecules that protect against β -amyloid-induced cytotoxicity by inhibiting aggregation of β -amyloid. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 4921-4935.	3.0	20
10	Discovery of potent and selective rhodanine type IKK β inhibitors by hit-to-lead strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5668-5674.	2.2	19
11	Batten disease is linked to altered expression of mitochondria-related metabolic molecules. <i>Neurochemistry International</i> , 2013, 62, 931-935.	3.8	19
12	Stereoselective Synthesis of 3-(1,3-Diarylallylidene)oxindoles via a Palladium-Catalyzed Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 1864-1871.	3.2	19
13	Synthesis of 3-(Diarylmethylene)oxindoles via a Palladium-Catalyzed One-Pot Reaction: Sonogashira-Heck-Suzuki-Miyaura Combined Reaction. <i>Synlett</i> , 2013, 24, 1993-1997.	1.8	14
14	Improved oral absorption of cilostazol via sulfonate salt formation with mesylate and besylate. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3961.	4.3	12
15	Consecutive One-Pot versus Domino Multicomponent Approaches to 3-(Diarylmethylene)oxindoles. <i>Molecules</i> , 2017, 22, 503.	3.8	12
16	1,3-Dihydro-1,3-diacetyl-2H-benzimidazol-2-one: A New Versatile and Selective Acetylating Agent. <i>Heterocycles</i> , 2000, 53, 529.	0.7	11
17	Palladium-Catalyzed Tandem Approach to 3-(Diarylmethylene)oxindoles Using Microwave Irradiation. <i>Synlett</i> , 2015, 26, 2296-2300.	1.8	10
18	Discovery of a potent enoyl-acyl carrier protein reductase (FabI) inhibitor suitable for antistaphylococcal agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4481-4486.	2.2	9

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19	Hendrickson's Reagent-Mediated Conversion of <i>N</i> -Boc Carbamates to Isocyanates: Applications for the Synthesis of 3,4-Dihydroisoquinolin-1-ones and Ureas. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 287-292.	2.7	9
20	Synthesis and structure-activity relationships of quaternary ammonium cephalosporins with 3-pyrazolylpyridinium derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1211-1214.	2.2	8
21	New Cephalosporin Antibiotics with 3-Triazolylpyridiniummethyl Substituents. <i>Journal of Antibiotics</i> , 2001, 54, 460-462.	2.0	7
22	Successful reduction of off-target hERG toxicity by structural modification of a T-type calcium channel blocker. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 880-883.	2.2	6
23	Palladium-Catalyzed One-Pot Approach to 3-(Diarylmethylene)oxindoles from Propiolamidoaryl Triflate. <i>Molecules</i> , 2015, 20, 14022-14032.	3.8	6
24	2-Phenylbenzofuran derivatives alleviate mitochondrial damage via the inhibition of β -amyloid aggregation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5882-5886.	2.2	5
25	Synthesis and in vitro antibacterial activity of quaternary ammonium cephalosporin derivatives bearing oxazolidinone moiety. <i>Archives of Pharmacal Research</i> , 1999, 22, 579-584.	6.3	4
26	Concise and Scalable Synthesis of Xanthyletin. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1957-1958.	1.9	3
27	Application of physiologically based pharmacokinetic modeling in predicting drug-drug interactions for sarpogrelate hydrochloride in humans. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2959-2972.	4.3	3
28	Palladium-Catalyzed One-Pot Approach to 3-(1,3-Diarylprop-2-yn-1-ylidene)oxindoles. <i>Heterocycles</i> , 2018, 96, 1795.	0.7	3
29	Total Synthesis of (\pm)-Decytospolides A and B. <i>Synlett</i> , 2017, 28, 249-252.	1.8	2
30	A Practical and Cost-Effective Synthesis of d-erythro-Sphingosine from d-ribo-Phytosphingosine via a Cyclic Sulfate Intermediate. <i>Synthesis</i> , 2011, 2011, 867-872.	2.3	1
31	Synthesis of 2-(Arylmethylene)-1,4-benzoxazin-3-one by One-Pot Sonogashira and 6-exo-Dig Cyclization. <i>Heterocycles</i> , 2015, 91, 1660.	0.7	1
32	Identification and characterization of potent, selective and metabolically stable IKK β inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1120-1123.	2.2	1
33	Aspination of β -Aminoalcohol (Sarpogrelate M1). <i>Molecules</i> , 2016, 21, 1126.	3.8	0
34	Total Synthesis of Cyclopiamide A Using Palladium-Catalyzed Domino Cyclization. <i>Molecules</i> , 2020, 25, 4903.	3.8	0