Chung-Min Park

List of Publications by Year
in descending order

18	964	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	1319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	pH-Controlled Hydrogen Sulfide Release for Myocardial Ischemia-Reperfusion Injury. Journal of the American Chemical Society, 2016, 138, 6336-6339.	13.7	207
2	Light-Induced Hydrogen Sulfide Release from â€œCagedâ€•gem-Dithiols. Organic Letters, 2013, 15, 2786-2789.	4.6	120
3	Persulfides: current knowledge and challenges in chemistry and chemical biology. Molecular BioSystems, 2015, 11, 1775-1785.	2.9	106
4	SIRT3 Mediates the Antioxidant Effect of Hydrogen Sulfide in Endothelial Cells. Antioxidants and Redox Signaling, 2016, 24, 329-343.	5.4	94
5	9-Fluorenylmethyl (Fm) Disulfides: Biomimetic Precursors for Persulfides. Organic Letters, 2016, 18, 904-907.	4.6	65
6	Hydrogen Sulfide Regulates KrÃ¼ppelâ€Like Factor 5 Transcription Activity via Specificity Protein 1 Sâ€Sulfhydration at Cys664 to Prevent Myocardial Hypertrophy. Journal of the American Heart Association, 2016, 5, .	3.7	59
7	Synthesis and evaluation of phosphorodithioate-based hydrogen sulfide donors. Molecular BioSystems, 2013, 9, 2430.	2.9	55
8	Thiol-Activated gem-Dithiols: A New Class of Controllable Hydrogen Sulfide Donors. Organic Letters, 2014, 16, 4536-4539.	4.6	49
9	Use of the â€œTag-Switchâ€•Method for the Detection of Protein S-Sulfhydration. Methods in Enzymology, 2015, 555, 39-56.	1.0	39
10	Discovery of Heteroaromatic Sulfones As a New Class of Biologically Compatible Thiol-Selective Reagents. ACS Chemical Biology, 2017, 12, 2201-2208.	3.4	38
11	Characterizations of Two Bacterial Persulfide Dioxygenases of the Metallo-Î²-lactamase Superfamily. Journal of Biological Chemistry, 2015, 290, 18914-18923.	3.4	34
12	Use of metabolomics for the chemotaxonomy of legume-associated Ascochyta and allied genera. Scientific Reports, 2016, 6, 20192.	3.3	29
13	Use of Phosphorodithioate-Based Compounds as Hydrogen Sulfide Donors. Methods in Enzymology, 2015, 554, 127-142.	1.0	19
14	A Proline-Based Phosphine Template for Staudinger Ligation. Organic Letters, 2012, 14, 4694-4697.	4.6	12
15	Esterase-sensitive trithiane-based hydrogen sulfide donors. Organic and Biomolecular Chemistry, 2019, 17, 9999-10003.	2.8	9
16	Phosphine mediated conjugation of S-nitrosothiols and aldehydes. Tetrahedron Letters, 2015, 56, 2741-2743.	1.4	7
17	Phosphite Esters: Reagents for Exploring S-Nitrosothiol Chemistry. Organic Letters, 2018, 20, 7860-7863.	4.6	6
18	Proline-based phosphoramidite reagents for the reductive ligation of S-nitrosothiols. Journal of Antibiotics, 2016, 69, 313-318.	2.0	1