

Matthew M Cerda

List of Publications by Year in descending order

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16
papers

704
citations

932766

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h-index

996533

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16
docs citations

16
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bright Fluorescent Probe for H ₂ S Enables Analyte-Responsive, 3D Imaging in Live Zebrafish Using Light Sheet Fluorescence Microscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 10216-10223.	6.6	194
2	Development and Application of Carbonyl Sulfide-Based Donors for H ₂ S Delivery. <i>Accounts of Chemical Research</i> , 2019, 52, 2723-2731.	7.6	83
3	Activatable Small-Molecule Hydrogen Sulfide Donors. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 96-109.	2.5	71
4	Applications of Synthetic Organic Tetrasulfides as H ₂ S Donors. <i>Organic Letters</i> , 2017, 19, 2314-2317.	2.4	68
5	Fluorogenic hydrogen sulfide (H ₂ S) donors based on sulfenyl thiocarbonates enable H ₂ S tracking and quantification. <i>Chemical Science</i> , 2019, 10, 1873-1878.	3.7	65
6	Bis(aryl) Tetrasulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 16941-16947.	1.7	56
7	Thionoesters: A Native Chemical Ligation-Inspired Approach to Cysteine-Triggered H ₂ S Donors. <i>Journal of the American Chemical Society</i> , 2018, 140, 12574-12579.	6.6	54
8	Dithioesters: simple, tunable, cysteine-selective H ₂ S donors. <i>Chemical Science</i> , 2019, 10, 1773-1779.	3.7	35
9	Effects of sulfane sulfur content in benzyl polysulfides on thiol-triggered H ₂ S release and cell proliferation. <i>Free Radical Biology and Medicine</i> , 2019, 131, 393-398.	1.3	34
10	Use of Dithiasuccinoyl- ϵ -Caged Amines Enables COS/H ₂ S Release Lacking Electrophilic Byproducts. <i>Chemistry - A European Journal</i> , 2020, 26, 5374-5380.	1.7	16
11	S Marks the Spot: Linking the Antioxidant Activity of N-Acetyl Cysteine to H ₂ S and Sulfane Sulfur Species. <i>Cell Chemical Biology</i> , 2018, 25, 353-355.	2.5	11
12	Esterase-Activated Perthiocarbonate Persulfide Donors Provide Insights into Persulfide Persistence and Stability. <i>ACS Chemical Biology</i> , 2022, 17, 331-339.	1.6	9
13	Progress toward colorimetric and fluorescent detection of carbonyl sulfide. <i>Chemical Communications</i> , 2020, 56, 9644-9647.	2.2	5
14	H ₂ S donors with optical responses. <i>Methods in Enzymology</i> , 2020, 641, 149-164.	0.4	2
15	Frontispiece: Use of Dithiasuccinoyl- ϵ -Caged Amines Enables COS/H ₂ S Release Lacking Electrophilic Byproducts. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	1
16	Frontispiece: Bis(aryl) Tetrasulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0