

# Matthew M Cerda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4981849/publications.pdf>

Version: 2024-02-01

16  
papers

704  
citations

932766

10  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

854  
citing authors

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