

Nathaniel Finney

List of Publications by Year in descending order

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16
papers

928
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1260
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-molecule fluorescent probes and their design. RSC Advances, 2018, 8, 29051-29061.	3.6	218
2	Dual-Signaling Fluorescent Chemosensors Based on Conformational Restriction and Induced Charge Transfer. Angewandte Chemie - International Edition, 2001, 40, 1536-1538.	13.8	160
3	Fluorescent Chemosensors Based on Conformational Restriction of a Biaryl Fluorophore. Journal of the American Chemical Society, 2001, 123, 1260-1261.	13.7	135
4	Fluorescent Signaling Based on Control of Excited State Dynamics. Biarylacetylene Fluorescent Chemosensors. Journal of the American Chemical Society, 2002, 124, 1178-1179.	13.7	111
5	Fluorescent Signaling Based on Sulfoxide Profluorophores: Application to the Visual Detection of the Explosive TATP. Journal of the American Chemical Society, 2008, 130, 12846-12847.	13.7	103
6	Sulfoxides as Response Elements for Fluorescent Chemosensors. Journal of the American Chemical Society, 2013, 135, 12612-12614.	13.7	37
7	Thiourea-Based Fluorescent Chemosensors for Aqueous Metal Ion Detection and Cellular Imaging. Journal of Organic Chemistry, 2014, 79, 6054-6060.	3.2	36
8	Thioureas as Reporting Elements for Metal-Responsive Fluorescent Chemosensors. Journal of Organic Chemistry, 2013, 78, 3980-3988.	3.2	29
9	Versatile hydrochromic fluorescent materials based on a 1,8-naphthalimide integrated fluorophore-receptor system. Journal of Materials Chemistry C, 2019, 7, 7399-7410.	5.5	26
10	On the Origins of Nonradiative Excited State Relaxation in Aryl Sulfoxides Relevant to Fluorescent Chemosensing. Journal of the American Chemical Society, 2016, 138, 15889-15895.	13.7	21
11	Atomically Defined Monocarborane Copper(I) Acetylides with Structural and Luminescence Properties Tuned by Ligand Sterics. Chemistry - A European Journal, 2019, 25, 8754-8759.	3.3	18
12	A novel colorimetric and ratiometric fluorescent probe for monitoring lysosomal HOCl in real time. Dyes and Pigments, 2022, 204, 110394.	3.7	11
13	A lysosome-targeted probe for the real-time detection of hypobromous acid in living human cancer cells. Analyst, The, 2021, 146, 2484-2489.	3.5	8
14	A mechanistically-distinct approach to fluorescence visualization of singlet oxygen. Chemical Communications, 2017, 53, 11449-11452.	4.1	7
15	Synthesis and optical properties of mono- and diaminocorannulenes. Chemical Communications, 2020, 56, 10525-10528.	4.1	4
16	A palate of fluorescent corannulene derivatives: synthesis, spectroscopic properties, and bio-imaging application. Chemical Communications, 2021, 57, 5818-5821.	4.1	3