

Yi Tan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

735
citations

687363

13
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction-Based Off-On Near-infrared Fluorescent Probe for Imaging Alkaline Phosphatase Activity in Living Cells and Mice. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6796-6803.	8.0	127
2	A FRET-based Ratiometric Fluorescent Probe for Nitroxyl Detection in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5438-5443.	8.0	89
3	A reaction-based near-infrared fluorescent sensor for Cu ²⁺ detection in aqueous buffer and its application in living cells and tissues imaging. <i>Biosensors and Bioelectronics</i> , 2017, 94, 24-29.	10.1	77
4	Chemical Protein Synthesis: Advances, Challenges, and Outlooks. <i>Journal of the American Chemical Society</i> , 2020, 142, 20288-20298.	13.7	77
5	Rational Development of Near-Infrared Fluorophores with Large Stokes Shifts, Bright One-Photon, and Two-Photon Emissions for Bioimaging and Biosensing Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 8736-8740.	3.3	58
6	Construction of an alkaline phosphatase-specific two-photon probe and its imaging application in living cells and tissues. <i>Biomaterials</i> , 2017, 140, 220-229.	11.4	57
7	Highly stable photochromic crystalline material based on a close-packed layered metal- <i>viologen</i> coordination polymer. <i>Journal of Materials Chemistry</i> , 2012, 22, 17452.	6.7	55
8	Synthesis of a 3D photochromic coordination polymer with an interpenetrating arrangement: crystal engineering for electron transfer between donor and acceptor units. <i>CrystEngComm</i> , 2012, 14, 5137.	2.6	38
9	Synthesis and structure of a mixed crystal containing tris(4-pyridiniumyl)-1,3,5-triazine and benzenetetracarboxylate ions: constructing a new photochromic molecular system via self-assembly. <i>CrystEngComm</i> , 2012, 14, 786-788.	2.6	37
10	A fast-response fluorescent probe for hypochlorous acid detection and its application in exogenous and endogenous HOCl imaging of living cells. <i>Chemical Communications</i> , 2017, 53, 12349-12352.	4.1	37
11	Cysteine/Penicillamine Ligation Independent of Terminal Steric Demands for Chemical Protein Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12741-12745.	13.8	26
12	Design and Synthesis of Near-infrared Fluorescent Probes for Imaging of Biological Nitroxyl. <i>Scientific Reports</i> , 2015, 5, 16979.	3.3	25
13	Enabling chemical protein (semi)synthesis <i>via</i> reducible solubilizing tags (RSTs). <i>Chemical Science</i> , 2022, 13, 1367-1374.	7.4	19
14	Cysteine/Penicillamine Ligation Independent of Terminal Steric Demands for Chemical Protein Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 12841-12845.	2.0	8
15	Synthesis, structure, and base-catalytic performance of a laminar zinc phosphite-phosphate. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3808-3816.	2.2	5