

Muhammed Ucuncu

List of Publications by Year in descending order

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33
papers

1,009
citations

471371

17
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414303

32
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docs citations

33
times ranked

1426
citing authors

#	ARTICLE	IF	CITATIONS
1	A BODIPY aldoxime-based chemodosimeter for highly selective and rapid detection of hypochlorous acid. <i>Chemical Communications</i> , 2013, 49, 7836.	2.2	156
2	A rhodamine/BODIPY-based fluorescent probe for the differential detection of Hg(II) and Au(III). <i>Chemical Communications</i> , 2014, 50, 1119-1121.	2.2	112
3	Design of Photosensitizing Agents for Targeted Antimicrobial Photodynamic Therapy. <i>Molecules</i> , 2020, 25, 5239.	1.7	93
4	Electrophilic Cyanate As a Recognition Motif for Reactive Sulfur Species: Selective Fluorescence Detection of H ₂ S. <i>Analytical Chemistry</i> , 2016, 88, 1039-1043.	3.2	75
5	A BODIPY-based reactive probe for the detection of Au(III) species and its application to cell imaging. <i>Chemical Communications</i> , 2014, 50, 5884-5886.	2.2	57
6	BODIPY-Au(I): A Photosensitizer for Singlet Oxygen Generation and Photodynamic Therapy. <i>Organic Letters</i> , 2017, 19, 2522-2525.	2.4	49
7	A BODIPY-based fluorescent probe for the differential recognition of Hg(II) and Au(III) ions. <i>RSC Advances</i> , 2015, 5, 30522-30525.	1.7	41
8	Palladium-Catalyzed Alkoxy carbonylation of (Z)-2-En-4-yn Carbonates Leading to 2,3,5-Trienoates. <i>Organic Letters</i> , 2011, 13, 748-751.	2.4	39
9	A rhodamine based on-off chemodosimeter for monitoring gold ions in synthetic samples and living cells. <i>Analyst</i> , 2013, 138, 3638.	1.7	39
10	A BODIPY-based fluorescent probe for ratiometric detection of gold ions: utilization of Z-enynol as the reactive unit. <i>Chemical Communications</i> , 2016, 52, 8247-8250.	2.2	36
11	Polymyxin-based photosensitizer for the potent and selective killing of Gram-negative bacteria. <i>Chemical Communications</i> , 2020, 56, 3757-3760.	2.2	31
12	EPR studies of intermolecular interactions and competitive binding of drugs in a drug-BSA binding model. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22531-22539.	1.3	28
13	Bioorthogonal Swarming: In Situ Generation of Dendrimers. <i>Journal of the American Chemical Society</i> , 2020, 142, 21615-21621.	6.6	25
14	A BODIPY/pyridine conjugate for reversible fluorescence detection of gold(III) ions. <i>New Journal of Chemistry</i> , 2015, 39, 8337-8341.	1.4	24
15	A Ratiometric Fluorescent Probe for Gold and Mercury Ions. <i>Chemistry - A European Journal</i> , 2015, 21, 13201-13205.	1.7	23
16	Physiological concentrations of albumin favor drug binding. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22678-22685.	1.3	21
17	A new proton sponge polymer synthesized by RAFT polymerization for intracellular delivery of biotherapeutics. <i>Polymer Chemistry</i> , 2014, 5, 1593-1604.	1.9	20
18	A fluorescein-based chemodosimeter for selective gold(III) ion monitoring in aqueous media and living systems. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 109-114.	4.0	18

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19	Rhodium- and Palladium-Catalyzed 1,5-Substitution Reactions of 2-En-4-yne Acetates and Carbonates with Organoboronic Acids. <i>Journal of Organic Chemistry</i> , 2011, 76, 5959-5971.	1.7	17
20	BODIPY-conjugated chitosan nanoparticles as a fluorescent probe. <i>Drug and Chemical Toxicology</i> , 2017, 40, 375-382.	1.2	16
21	Molecular detection of Gram-positive bacteria in the human lung through an optical fiber-based endoscope. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 800-807.	3.3	14
22	BODIPY-vinyl dibromides as triplet sensitizers for photodynamic therapy and triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , 2021, 57, 6039-6042.	2.2	13
23	Rhodamine-immobilised Electrospun Chitosan Nanofibrous Material as a Fluorescence Turn-On Hg ²⁺ Sensor. <i>ChemistrySelect</i> , 2016, 1, 896-900.	0.7	12
24	High fidelity fibre-based physiological sensing deep in tissue. <i>Scientific Reports</i> , 2019, 9, 7713.	1.6	10
25	Dyeing fungi: amphotericin B based fluorescent probes for multiplexed imaging. <i>Chemical Communications</i> , 2021, 57, 1899-1902.	2.2	9
26	Time-Resolved Spectroscopy of Fluorescence Quenching in Optical Fibre-Based pH Sensors. <i>Sensors</i> , 2020, 20, 6115.	2.1	8
27	The utilization of pH sensitive spirocyclic rhodamine dyes for monitoring D-fructose consumption during a fermentation process. <i>New Journal of Chemistry</i> , 2013, 37, 2632.	1.4	5
28	Multifunctional, histidine-tagged polymers: antibody conjugation and signal amplification. <i>Chemical Communications</i> , 2020, 56, 13856-13859.	2.2	5
29	Wash-free, peptide-based fluorogenic probes for microbial imaging. <i>Peptide Science</i> , 2021, 113, e24167.	1.0	5
30	A rare β -pyranopyrazole skeleton: design, one-pot synthesis and computational study. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7490-7494.	1.5	3
31	The Effect of Mini-Latissimus Dorsi Flap (MLDF) Reconstruction on Shoulder Function in Breast Cancer Patients. <i>The Journal of Breast Health</i> , 2019, 15, 158-162.	0.4	2
32	A new fluorescent "turn on" probe for rapid detection of biothiols. <i>Supramolecular Chemistry</i> , 2020, 32, 634-641.	1.5	2
33	Rapid detection of major Gram-positive pathogens in ocular specimens using a novel fluorescent vancomycin-based probe. <i>Sensors & Diagnostics</i> , 0, , .	1.9	1