

# Muhammed Ucuncu

## List of Publications by Citations

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32  
papers

747  
citations

16  
h-index

27  
g-index

33  
ext. papers

881  
ext. citations

5  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
32	A BODIPY aldoxime-based chemodosimeter for highly selective and rapid detection of hypochlorous acid. <i>Chemical Communications</i> , <b>2013</b> , 49, 7836-8	5.8	137
31	A rhodamine/BODIPY-based fluorescent probe for the differential detection of Hg(II) and Au(III). <i>Chemical Communications</i> , <b>2014</b> , 50, 1119-21	5.8	103
30	Electrophilic Cyanate As a Recognition Motif for Reactive Sulfur Species: Selective Fluorescence Detection of H <sub>2</sub> S. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1039-43	7.8	58
29	A BODIPY-based reactive probe for the detection of Au(III) species and its application to cell imaging. <i>Chemical Communications</i> , <b>2014</b> , 50, 5884-6	5.8	51
28	BODIPY-Au(I): A Photosensitizer for Singlet Oxygen Generation and Photodynamic Therapy. <i>Organic Letters</i> , <b>2017</b> , 19, 2522-2525	6.2	36
27	A BODIPY-based fluorescent probe for the differential recognition of Hg(II) and Au(III) ions. <i>RSC Advances</i> , <b>2015</b> , 5, 30522-30525	3.7	35
26	A rhodamine based "turn-on" chemodosimeter for monitoring gold ions in synthetic samples and living cells. <i>Analyst</i> , <b>2013</b> , 138, 3638-41	5	35
25	Design of Photosensitizing Agents for Targeted Antimicrobial Photodynamic Therapy. <i>Molecules</i> , <b>2020</b> , 25,	4.8	35
24	Palladium-catalyzed alkoxy carbonylation of (Z)-2-en-4-yn carbonates leading to 2,3,5-trienoates. <i>Organic Letters</i> , <b>2011</b> , 13, 748-51	6.2	31
23	A BODIPY-based fluorescent probe for ratiometric detection of gold ions: utilization of Z-enynol as the reactive unit. <i>Chemical Communications</i> , <b>2016</b> , 52, 8247-50	5.8	29
22	EPR studies of intermolecular interactions and competitive binding of drugs in a drug-BSA binding model. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 22531-9	3.6	22
21	A new proton sponge polymer synthesized by RAFT polymerization for intracellular delivery of biotherapeutics. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1593-1604	4.9	20
20	A Ratiometric Fluorescent Probe for Gold and Mercury Ions. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 13201-5	4.8	20
19	Polymyxin-based photosensitizer for the potent and selective killing of Gram-negative bacteria. <i>Chemical Communications</i> , <b>2020</b> , 56, 3757-3760	5.8	18
18	A BODIPY/pyridine conjugate for reversible fluorescence detection of gold(III) ions. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8337-8341	3.6	17
17	Physiological concentrations of albumin favor drug binding. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 22678-85	3.6	16
16	A fluorescein-based chemodosimeter for selective gold(III) ion monitoring in aqueous media and living systems. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 234, 109-114	8.5	15

15	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> , <b>2011</b> , 76, 5959-71	4.2	13
14	BODIPY-conjugated chitosan nanoparticles as a fluorescent probe. <i>Drug and Chemical Toxicology</i> , <b>2017</b> , 40, 375-382	2.3	10
13	Rhodamine-Immobilised Electrospun Chitosan Nanofibrous Material as a Fluorescence Turn-On Hg <sup>2+</sup> Sensor. <i>ChemistrySelect</i> , <b>2016</b> , 1, 896-900	1.8	10
12	Bioorthogonal Swarming: In Situ Generation of Dendrimers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21615-21621	16.4	9
11	High fidelity fibre-based physiological sensing deep in tissue. <i>Scientific Reports</i> , <b>2019</b> , 9, 7713	4.9	5
10	The utilization of pH sensitive spirocyclic rhodamine dyes for monitoring D-fructose consumption during a fermentation process. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 2632	3.6	5
9	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> , <b>2021</b> , 48, 800-807	8.8	4
8	Multifunctional, histidine-tagged polymers: antibody conjugation and signal amplification. <i>Chemical Communications</i> , <b>2020</b> , 56, 13856-13859	5.8	3
7	Time-Resolved Spectroscopy of Fluorescence Quenching in Optical Fibre-Based pH Sensors. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
6	A rare Epyranopyrazole skeleton: design, one-pot synthesis and computational study. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 7490-4	3.9	2
5	BODIPY-vinyl dibromides as triplet sensitizers for photodynamic therapy and triplet-triplet annihilation upconversion. <i>Chemical Communications</i> , <b>2021</b> , 57, 6039-6042	5.8	2
4	Dyeing fungi: amphotericin B based fluorescent probes for multiplexed imaging. <i>Chemical Communications</i> , <b>2021</b> , 57, 1899-1902	5.8	2
3	Wash-free, peptide-based fluorogenic probes for microbial imaging. <i>Peptide Science</i> , <b>2021</b> , 113, e24167	3	1
2	A new fluorescent Turn on probe for rapid detection of biothiols. <i>Supramolecular Chemistry</i> , <b>2020</b> , 32, 634-641	1.8	0
1	The Effect of Mini-Latissimus Dorsi Flap (MLDF) Reconstruction on Shoulder Function in Breast Cancer Patients. <i>The Journal of Breast Health</i> , <b>2019</b> , 15, 158-162	1.5	