

Mohammad U Zahid

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Design of Multidentate Copolymers as Compact Quantum Dot Coatings for Live-Cell Single-Particle Imaging. <i>Chemistry of Materials</i> , 2022, 34, 4621-4632.	6.7	2
2	Rethinking the immunotherapy numbers game. , 2022, 10, e005107.		8
3	Forecasting Individual Patient Response to Radiation Therapy in Head and Neck Cancer With a Dynamic Carrying Capacity Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 693-704.	0.8	31
4	Dynamics-Adapted Radiotherapy Dose (DARD) for Head and Neck Cancer Radiotherapy Dose Personalization. <i>Journal of Personalized Medicine</i> , 2021, 11, 1124.	2.5	16
5	Optimizing Quantum Dot Probe Size for Single-Receptor Imaging. <i>ACS Nano</i> , 2020, 14, 8343-8358.	14.6	16
6	Short-Wave Infrared Quantum Dots with Compact Sizes as Molecular Probes for Fluorescence Microscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 3449-3462.	13.7	30
7	High-Fidelity Single Molecule Quantification in a Flow Cytometer Using Multiparametric Optical Analysis. <i>ACS Nano</i> , 2020, 14, 2324-2335.	14.6	22
8	Re: Simulation analysis for tumor radiotherapy based on three-component mathematical models. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 204-205.	1.9	1
9	Single quantum dot tracking reveals the impact of nanoparticle surface on intracellular state. <i>Nature Communications</i> , 2018, 9, 1830.	12.8	38
10	Multidentate Polymer Coatings for Compact and Homogeneous Quantum Dots with Efficient Bioconjugation. <i>Journal of the American Chemical Society</i> , 2016, 138, 3382-3394.	13.7	70
11	Lipoprotein Nanoplatelets: Brightly Fluorescent, Zwitterionic Probes with Rapid Cellular Entry. <i>Journal of the American Chemical Society</i> , 2016, 138, 64-67.	13.7	17
12	Brightness-equalized quantum dots. <i>Nature Communications</i> , 2015, 6, 8210.	12.8	105
13	Work in Progress: Design of a First-Year Rhetoric Course for Engineering Students. , 0, , .		0