

Michael Van Tran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5308221/publications.pdf>

Version: 2024-02-01

13
papers

384
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescent Nanoparticles for Chemical and Biological Analysis and Imaging. <i>Chemical Reviews</i> , 2021, 121, 9243-9358.	47.7	162
2	Near-Infrared-Emitting Boron-Difluoride-Curcuminoid-Based Polymers Exhibiting Thermally Activated Delayed Fluorescence as Biological Imaging Probes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18630-18638.	13.8	56
3	Supraparticle Assemblies of Magnetic Nanoparticles and Quantum Dots for Selective Cell Isolation and Counting on a Smartphone-Based Imaging Platform. <i>Analytical Chemistry</i> , 2019, 91, 11963-11971.	6.5	34
4	Polymer Dots with Enhanced Photostability, Quantum Yield, and Two-Photon Cross-Section using Structurally Constrained Deep-Blue Fluorophores. <i>Journal of the American Chemical Society</i> , 2021, 143, 16976-16992.	13.7	29
5	Dextran-Functionalized Semiconductor Quantum Dot Bioconjugates for Bioanalysis and Imaging. <i>Bioconjugate Chemistry</i> , 2020, 31, 861-874.	3.6	21
6	Fully Self-Assembled Silica Nanoparticle-Semiconductor Quantum Dot Supra-Nanoparticles and Immunoconjugates for Enhanced Cellular Imaging by Microscopy and Smartphone Camera. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33530-33540.	8.0	20
7	Dextran Functionalization of Semiconducting Polymer Dots and Conjugation with Tetrameric Antibody Complexes for Bioanalysis and Imaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 432-440.	4.6	16
8	Fluorescent Heterotelechelic Single-Chain Polymer Nanoparticles: Synthesis, Spectroscopy, and Cellular Imaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 898-909.	5.0	15
9	Affinity Immobilization of Semiconductor Quantum Dots and Metal Nanoparticles on Cellulose Paper Substrates. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53462-53474.	8.0	9
10	Near-Infrared-Emitting Boron-Difluoride-Curcuminoid-Based Polymers Exhibiting Thermally Activated Delayed Fluorescence as Biological Imaging Probes. <i>Angewandte Chemie</i> , 2021, 133, 18778-18786.	2.0	8
11	Polyacrylamide gel electrophoresis of semiconductor quantum dots and their bioconjugates: materials characterization and physical insights from spectrofluorimetric detection. <i>Analyst</i> , The, 2018, 143, 1104-1116.	3.5	6
12	Yellow fluorescent protein-based label-free tension sensors for monitoring integrin tension. <i>Chemical Communications</i> , 2020, 56, 5556-5559.	4.1	5
13	Dextran-Functionalized Quantum Dot Immunoconjugates for Cellular Imaging. <i>Methods in Molecular Biology</i> , 2020, 2135, 143-168.	0.9	3