Haridas E Pudavar

List of Publications by Year
in descending order

18 papers	3,515 citations	567281 15 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	4740 citing authors

#	Article	IF	Citations
1	Ceramic-Based Nanoparticles Entrapping Water-Insoluble Photosensitizing Anticancer Drugs:Â A Novel Drugâ^'Carrier System for Photodynamic Therapy. Journal of the American Chemical Society, 2003, 125, 7860-7865.	13.7	885
2	Organically Modified Silica Nanoparticles Co-encapsulating Photosensitizing Drug and Aggregation-Enhanced Two-Photon Absorbing Fluorescent Dye Aggregates for Two-Photon Photodynamic Therapy. Journal of the American Chemical Society, 2007, 129, 2669-2675.	13.7	658
3	Folate-Receptor-Mediated Delivery of InP Quantum Dots for Bioimaging Using Confocal and Two-Photon Microscopy. Journal of the American Chemical Society, 2005, 127, 11364-11371.	13.7	448
4	Optical tracking of organically modified silica nanoparticles as DNA carriers: A nonviral, nanomedicine approach for gene delivery. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 279-284.	7.1	436
5	Gold Nanorods Coated with Multilayer Polyelectrolyte as Contrast Agents for Multimodal Imaging. Journal of Physical Chemistry C, 2007, 111, 12552-12557.	3.1	206
6	High-density three-dimensional optical data storage in a stacked compact disk format with two-photon writing and single photon readout. Applied Physics Letters, 1999, 74, 1338-1340.	3.3	176
7	Three-dimensional optical circuitry using two-photon-assisted polymerization. Applied Physics Letters, 1999, 74, 170-172.	3.3	130
8	New Method for Delivering a Hydrophobic Drug for Photodynamic Therapy Using Pure Nanocrystal Form of the Drug. Molecular Pharmaceutics, 2007, 4, 289-297.	4.6	109
9	Organics and Polymers with High Two-Photon Activities and their Applications. , 2003, , 157-193.		105
10	Dye-concentrated organically modified silica nanoparticles as a ratiometric fluorescent pH probe by one- and two-photon excitation. Chemical Communications, 2006, , 2071.	4.1	78
11	Multiplex Imaging of Pancreatic Cancer Cells by Using Functionalized Quantum Rods. Advanced Materials, 2008, 20, 1412-1417.	21.0	72
12	Aggregation-enhanced two-photon absorption and up-converted fluorescence of quadrupolar 1,4-bis(cyanostyryl)benzene derivatives showing solvatochromic fluorescence. Journal of Materials Chemistry, 2010, 20, 7422.	6.7	69
13	Intraparticle Energy Transfer and Fluorescence Photoconversion in Nanoparticles:â€‰ An Optical Highlighter Nanoprobe for Two-Photon Bioimaging. Chemistry of Materials, 2007, 19, 5650-5656.	6.7	49
14	A Monomethine Cyanine Dye Cyan 40 for Two-photonâ€“excited Fluorescence Detection of Nucleic Acids and Their Visualization in Live CellsÂ¶. Photochemistry and Photobiology, 2003, 77, 138.	2.5	36
15	Highâ€resolution light microscopy using luminescent nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 162-175.	6.1	33
16	Studies on the mechanism of action of a targeted chemotherapeutic drug in living cancer cells by two photon laser scanning microspectrofluorometry. Journal of Biomedical Optics, 2001, 6, 319.	2.6	18
17	Photoluminescence study of MBE grown InGaN with intentional indium segregation. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 2779-2782.	0.8	6
18	A Monomethine Cyanine Dye Cyan 40 for Two-photon-excited Fluorescence Detection of Nucleic Acids and Their Visualization in Live CellsÂ¶. Photochemistry and Photobiology, 2007, 77, 138-145.	2.5	1