Rajendra Prasad

List of Publications by Year
in descending order

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24 papers	519 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	835 citing authors

#	Article	IF	Citations
1	Bioresponsive carbon nano-gated multifunctional mesoporous silica for cancer theranostics. Nanoscale, 2016, 8, 4537-4546.	5.6	64
2	Fluorescent carbon nanodots for targeted in vitro cancer cell imaging. Applied Materials Today, 2016, 4, 71-77.	4.3	58
3	Comprehensive Review on Current Interventions, Diagnostics, and Nanotechnology Perspectives against SARS-CoV-2. Bioconjugate Chemistry, 2020, 31, 2021-2045.	3.6	58
4	Liposomal nanotheranostics for multimode targeted in vivo bioimaging and nearâ€infrared light mediated cancer therapy. Communications Biology, 2020, 3, 284.	4.4	46
5	Disintegrable NIR Light Triggered Gold Nanorods Supported Liposomal Nanohybrids for Cancer Theranostics. Bioconjugate Chemistry, 2018, 29, 1510-1518.	3.6	40
6	A biodegradable fluorescent nanohybrid for photo-driven tumor diagnosis and tumor growth inhibition. Nanoscale, 2018, 10, 19082-19091.	5.6	30
7	Graphene Oxide Supported Liposomes as Red Emissive Theranostics for Phototriggered Tissue Visualization and Tumor Regression. ACS Applied Bio Materials, 2019, 2, 3312-3320.	4.6	30
8	Facile synthesis of plasmonic zein nanoshells for imaging-guided photothermal cancer therapy. Materials Science and Engineering C, 2018, 90, 539-548.	7.3	28
9	Comprehensive Evaluation of Degradable and Cost-Effective Plasmonic Nanoshells for Localized Photothermolysis of Cancer Cells. Langmuir, 2019, 35, 7805-7815.	3.5	22
10	NIR light-triggered shrinkable thermoresponsive PNVCL nanoshells for cancer theranostics. RSC Advances, 2017, 7, 44026-44034.	3.6	20
11	In Vivo Examination of Folic Acid-Conjugated Gold-Silica Nanohybrids as Contrast Agents for Localized Tumor Diagnosis and Biodistribution. Bioconjugate Chemistry, 2018, 29, 4012-4019.	3.6	18
12	Plasmonic carbon nanohybrids for repetitive and highly localized photothermal cancer therapy. Colloids and Surfaces B: Biointerfaces, 2018, 172, 430-439.	5.0	15
13	Synthesis and characterization of an injectable microparticles integrated hydrogel composite biomaterial: In-vivo biocompatibility and inflammatory arthritis treatment. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111597.	5.0	15
14	Ultrahigh Penetration and Retention of Graphene Quantum Dot Mesoporous Silica Nanohybrids for Image Guided Tumor Regression. ACS Applied Bio Materials, 2021, 4, 1693-1703.	4.6	14
15	Niclosamide encapsulated polymeric nanocarriers for targeted cancer therapy. RSC Advances, 2019, 9, 26572-26581.	3.6	13
16	Polymeric Coreâ€“Shell Combinatorial Nanomedicine for Synergistic Anticancer Therapy. ACS Omega, 2019, 4, 19614-19622.	3.5	12
17	Nanoengineered photoactive theranostic agents for cancer. Nanophotonics, 2021, 10, 2973-2997.	6.0	11
18	Nanotechnology synergized immunoengineering for cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 72-101.	4.3	8

#	Article	IF	Citations
19	A Plasmonic Supramolecular Nanohybrid as a Contrast Agent for Siteâ€Selective Computed Tomography Imaging of Tumor. Advanced Functional Materials, 2022, 32, 2110575.	14.9	6
20	Characteristics of Molecularly Engineered Anticancer Drug Conjugated Organic Nanomicelles for Site-Selective Cancer Cell Rupture and Growth Inhibition of Tumor Spheroids. ACS Applied Bio Materials, 2020, 3, 7067-7079.	4.6	4
21	Photo-Triggered Nanomaterials for Cancer Theranostic Applications. Nano LIFE, 2021, 11, 2130004.	0.9	4
22	Emissive radiodense stealth plasmonic nanohybrid as X-ray contrast and photo-ablative agent of cancer cells. Materials Today Communications, 2021, 27, 102181.	1.9	2
23	Bioinspired soft nanovesicles for siteâ€selective cancer imaging and targeted therapies. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1792.	6.1	1
24	Bioinspired smart nanohybrids for stimuli responsive drug delivery. , 2021, , 55-74.		0