Bapurao Surnar

List of Publications by Year
in descending order

27	780	430874 18	552781 26
papers	citations	h-index	g-index

27	27	27	1151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlled release nanoplatforms for three commonly used chemotherapeutics. Molecular Aspects of Medicine, 2022, 83, 101043.	6.4	10
2	Intersection of Inorganic Chemistry and Nanotechnology for the Creation of New Cancer Therapies. Accounts of Materials Research, 2022, 3, 283-296.	11.7	4
3	Restoring the neuroprotective capacity of glial cells under opioid addiction. Addiction Neuroscience, 2022, 4, 100027.	1.3	2
4	Halide Effects in BiVO₄/BiOX Heterostructures Decorated with Pd Nanoparticles for Photocatalytic Degradation of Rhodamine B as a Model Organic Pollutant. ACS Applied Nano Materials, 2021, 4, 3262-3272.	5.0	28
5	Cu₂O Cubes Decorated with Azine-Based Covalent Organic Framework Spheres and Pd Nanoparticles as Tandem Photocatalyst for Light-Driven Degradation of Chlorinated Biphenyls. ACS Applied Nano Materials, 2021, 4, 2795-2805.	5.0	13
6	Brain-Accumulating Nanoparticles for Assisting Astrocytes to Reduce Human Immunodeficiency Virus and Drug Abuse-Induced Neuroinflammation and Oxidative Stress. ACS Nano, 2021, 15, 15741-15753.	14.6	21
7	Blending of Designer Synthetic Polymers to a Dual Targeted Nanoformulation for SARS-CoV-2 Associated Kidney Damage. Biomacromolecules, 2021, 22, 4244-4250.	5.4	5
8	Design of Pd-Decorated SrTiO₃/BiOBr Heterojunction Materials for Enhanced Visible-Light-Based Photocatalytic Reactivity. Langmuir, 2021, 37, 11986-11995.	3.5	4
9	Turning the Tide for Academic Women in STEM: A Postpandemic Vision for Supporting Female Scientists. ACS Nano, 2021, 15, 18647-18652.	14.6	12
10	Dual-Targeted Synthetic Nanoparticles for Cardiovascular Diseases. ACS Applied Materials & Interfaces, 2020, 12, 6852-6862.	8.0	36
11	Clinically Approved Antiviral Drug in an Orally Administrable Nanoparticle for COVID-19. ACS Pharmacology and Translational Science, 2020, 3, 1371-1380.	4.9	30
12	Metabolic Modulation of the Tumor Microenvironment Leads to Multiple Checkpoint Inhibition and Immune Cell Infiltration. ACS Nano, 2020, 14, 11055-11066.	14.6	76
13	Size-Controlled SrTiO₃ Nanoparticles Photodecorated with Pd Cocatalysts for Photocatalytic Organic Dye Degradation. ACS Applied Nano Materials, 2020, 3, 4904-4912.	5.0	23
14	Orally Administrable Therapeutic Synthetic Nanoparticle for Zika Virus. ACS Nano, 2019, 13, 11034-11048.	14.6	49
15	Targeted Mitochondrial COQ₁₀ Delivery Attenuates Antiretroviral-Drug-Induced Senescence of Neural Progenitor Cells. Molecular Pharmaceutics, 2019, 16, 724-736.	4.6	37
16	Nanotechnology-mediated crossing of two impermeable membranes to modulate the stars of the neurovascular unit for neuroprotection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12333-E12342.	7.1	32
17	Reduction of Cisplatin-Induced Ototoxicity without Compromising Its Antitumor Activity. Biochemistry, 2018, 57, 6500-6513.	2.5	11
18	A designer bow-tie combination therapeutic platform: An approach to resistant cancer treatment by simultaneous delivery of cytotoxic and anti-inflammatory agents and radiation. Biomaterials, 2018, 187, 117-129.	11.4	21

#	Article	IF	Citations
19	Structural Engineering of Biodegradable PCL Block Copolymer Nanoassemblies for Enzyme-Controlled Drug Delivery in Cancer Cells. ACS Biomaterials Science and Engineering, 2016, 2, 1926-1941.	5.2	34
20	Triple Block Nanocarrier Platform for Synergistic Cancer Therapy of Antagonistic Drugs. Biomacromolecules, 2016, 17, 4075-4085.	5.4	32
21	Polymer Topology Driven Enzymatic Biodegradation in Polycaprolactone Block and Random Copolymer Architectures for Drug Delivery to Cancer Cells. Macromolecules, 2016, 49, 8098-8112.	4.8	30
22	Dual Functional Nanocarrier for Cellular Imaging and Drug Delivery in Cancer Cells Based on Ï€-Conjugated Core and Biodegradable Polymer Arms. Biomacromolecules, 2016, 17, 1004-1016.	5.4	39
23	Enzyme and Thermal Dual Responsive Amphiphilic Polymer Coreâ€“Shell Nanoparticle for Doxorubicin Delivery to Cancer Cells. Biomacromolecules, 2016, 17, 384-398.	5.4	52
24	Coreâ€“shell polymer nanoparticles for prevention of GSH drug detoxification and cisplatin delivery to breast cancer cells. Nanoscale, 2015, 7, 17964-17979.	5.6	81
25	Biodegradable Block Copolymer Scaffolds for Loading and Delivering Cisplatin Anticancer Drug. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1119-1126.	1.2	18
26	Stimuli-Responsive Poly(caprolactone) Vesicles for Dual Drug Delivery under the Gastrointestinal Tract. Biomacromolecules, 2013, 14, 4377-4387.	5.4	80
27	Transformation of Amphiphilic Antiviral Drugs into New Dimensional Nanovesicles Structures. ACS Omega, 0, , .	3.5	0