

# Bapura Surnar

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

780  
citations

430874

18  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell polymer nanoparticles for prevention of GSH drug detoxification and cisplatin delivery to breast cancer cells. <i>Nanoscale</i> , 2015, 7, 17964-17979.	5.6	81
2	Stimuli-Responsive Poly(caprolactone) Vesicles for Dual Drug Delivery under the Gastrointestinal Tract. <i>Biomacromolecules</i> , 2013, 14, 4377-4387.	5.4	80
3	Metabolic Modulation of the Tumor Microenvironment Leads to Multiple Checkpoint Inhibition and Immune Cell Infiltration. <i>ACS Nano</i> , 2020, 14, 11055-11066.	14.6	76
4	Enzyme and Thermal Dual Responsive Amphiphilic Polymer Core-shell Nanoparticle for Doxorubicin Delivery to Cancer Cells. <i>Biomacromolecules</i> , 2016, 17, 384-398.	5.4	52
5	Orally Administrable Therapeutic Synthetic Nanoparticle for Zika Virus. <i>ACS Nano</i> , 2019, 13, 11034-11048.	14.6	49
6	Dual Functional Nanocarrier for Cellular Imaging and Drug Delivery in Cancer Cells Based on $\beta$ -Conjugated Core and Biodegradable Polymer Arms. <i>Biomacromolecules</i> , 2016, 17, 1004-1016.	5.4	39
7	Targeted Mitochondrial COQ <sub>10</sub> Delivery Attenuates Antiretroviral-Drug-Induced Senescence of Neural Progenitor Cells. <i>Molecular Pharmaceutics</i> , 2019, 16, 724-736.	4.6	37
8	Dual-Targeted Synthetic Nanoparticles for Cardiovascular Diseases. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6852-6862.	8.0	36
9	Structural Engineering of Biodegradable PCL Block Copolymer Nanoassemblies for Enzyme-Controlled Drug Delivery in Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1926-1941.	5.2	34
10	Triple Block Nanocarrier Platform for Synergistic Cancer Therapy of Antagonistic Drugs. <i>Biomacromolecules</i> , 2016, 17, 4075-4085.	5.4	32
11	Nanotechnology-mediated crossing of two impermeable membranes to modulate the stars of the neurovascular unit for neuroprotection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12333-E12342.	7.1	32
12	Polymer Topology Driven Enzymatic Biodegradation in Polycaprolactone Block and Random Copolymer Architectures for Drug Delivery to Cancer Cells. <i>Macromolecules</i> , 2016, 49, 8098-8112.	4.8	30
13	Clinically Approved Antiviral Drug in an Orally Administrable Nanoparticle for COVID-19. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1371-1380.	4.9	30
14	Halide Effects in BiVO <sub>4</sub> /BiOX Heterostructures Decorated with Pd Nanoparticles for Photocatalytic Degradation of Rhodamine B as a Model Organic Pollutant. <i>ACS Applied Nano Materials</i> , 2021, 4, 3262-3272.	5.0	28
15	Size-Controlled SrTiO <sub>3</sub> Nanoparticles Photodecorated with Pd Cocatalysts for Photocatalytic Organic Dye Degradation. <i>ACS Applied Nano Materials</i> , 2020, 3, 4904-4912.	5.0	23
16	A designer bow-tie combination therapeutic platform: An approach to resistant cancer treatment by simultaneous delivery of cytotoxic and anti-inflammatory agents and radiation. <i>Biomaterials</i> , 2018, 187, 117-129.	11.4	21
17	Brain-Accumulating Nanoparticles for Assisting Astrocytes to Reduce Human Immunodeficiency Virus and Drug Abuse-Induced Neuroinflammation and Oxidative Stress. <i>ACS Nano</i> , 2021, 15, 15741-15753.	14.6	21
18	Biodegradable Block Copolymer Scaffolds for Loading and Delivering Cisplatin Anticancer Drug. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1119-1126.	1.2	18

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19	Cu <sub>2</sub> O 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
20	Turning the Tide for Academic Women in STEM: A Postpandemic Vision for Supporting Female Scientists. ACS Nano, 2021, 15, 18647-18652.	14.6	12
21	Reduction of Cisplatin-Induced Ototoxicity without Compromising Its Antitumor Activity. Biochemistry, 2018, 57, 6500-6513.	2.5	11
22	Controlled release nanoplatfoms for three commonly used chemotherapeutics. Molecular Aspects of Medicine, 2022, 83, 101043.	6.4	10
23	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
24	Design of Pd-Decorated SrTiO <sub>3</sub> /BiOBr Heterojunction Materials for Enhanced Visible-Light-Based Photocatalytic Reactivity. Langmuir, 2021, 37, 11986-11995.	3.5	4
25	Intersection of Inorganic Chemistry and Nanotechnology for the Creation of New Cancer Therapies. Accounts of Materials Research, 2022, 3, 283-296.	11.7	4
26	Restoring the neuroprotective capacity of glial cells under opioid addiction. Addiction Neuroscience, 2022, 4, 100027.	1.3	2
27	Transformation of Amphiphilic Antiviral Drugs into New Dimensional Nanovesicles Structures. ACS Omega, 0, , .	3.5	0