

# Rohit Srivastava

## List of Publications by Year in descending order

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140  
papers

3,736  
citations

136950

32  
h-index

155660

55  
g-index

142  
all docs

142  
docs citations

142  
times ranked

5653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing nanoformulation for the nose-to-brain delivery in Parkinson's disease: Advancements and barrier. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1768.	6.1	7
2	A Plasmonic Supramolecular Nanohybrid as a Contrast Agent for Site-Selective Computed Tomography Imaging of Tumor. Advanced Functional Materials, 2022, 32, 2110575.	14.9	6
3	Potential Application of Bionanoparticles to Treat Severe Acute Respiratory Syndrome Coronavirus-2 Infection. Frontiers in Nanotechnology, 2022, 3, .	4.8	5
4	Combinatorial Cetuximab targeted polymeric nanocomplexes reduce PRC1 level and abrogate growth of metastatic hepatocellular carcinoma in vivo with efficient radionuclide uptake. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, , 102529.	3.3	1
5	EDTA derived graphene supported porous cobalt hexacyanoferrate nanospheres as a highly electroactive nanocomposite for hydrogen peroxide sensing. Catalysis Science and Technology, 2022, 12, 2369-2383.	4.1	6
6	NANOTORRIDÁ®: Graphene-like properties of a gold/polypropylene nanocomposite and its photothermal application. Journal of Materials Research, 2022, 37, 1183-1200.	2.6	1
7	Biodegradable Protein-Stabilized Inorganic Nanoassemblies for Photothermal Radiotherapy of Hepatoma Cells. ACS Omega, 2022, 7, 8928-8937.	3.5	1
8	Highly sensitive ascorbic acid sensors from EDTA chelation derived nickel hexacyanoferrate/ graphene nanocomposites. Electrochimica Acta, 2022, 419, 140335.	5.2	9
9	Nontoxic In Vivo Clearable Nanoparticle Clusters for Theranostic Applications. ACS Biomaterials Science and Engineering, 2022, 8, 2053-2065.	5.2	5
10	Drugs repurposing for SARS-CoV-2: new insight of COVID-19 druggability. Expert Review of Anti-Infective Therapy, 2022, 20, 1187-1204.	4.4	1
11	Graphene-Based Nanomaterials in Cancer Therapy. , 2021, , 95-125.		2
12	Graphene Nanomaterials for Multi-modal Bioimaging and Diagnosis of Cancer. , 2021, , 69-93.		0
13	Automated Adult Epilepsy Diagnostic Tool Based on Interictal Scalp Electroencephalogram Characteristics: A Six-Center Study. International Journal of Neural Systems, 2021, 31, 2050074.	5.2	32
14	Hydrothermal-Assisted Synthesis and Stability of Multifunctional MXene Nanobipyramids: Structural, Chemical, and Optical Evolution. ACS Applied Materials & Interfaces, 2021, 13, 3011-3023.	8.0	36
15	Physicochemical Properties and Toxicity Analysis. , 2021, , 49-67.		0
16	Graphene-Based Nanomaterials: Introduction, Structure, Synthesis, Characterization, and Properties. , 2021, , 23-48.		0
17	Bioinspired smart nanohybrids for stimuli responsive drug delivery. , 2021, , 55-74.		0
18	Design and Development of Axially Chiral Bis(naphthofuran) Luminogens as Fluorescent Probes for Cell Imaging. Chemistry - A European Journal, 2021, 27, 5470-5482.	3.3	15

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19	Multi-Center Validation Study of Automated Classification of Pathological Slowing in Adult Scalp Electroencephalograms Via Frequency Features. <i>International Journal of Neural Systems</i> , 2021, 31, 2150016.	5.2	8
20	pH-responsive delivery of anti-metastatic niclosamide using mussel inspired polydopamine nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120278.	5.2	7
21	Reprogramming Cancer Stem-like Cells with Nanoforskolin Enhances the Efficacy of Paclitaxel in Targeting Breast Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 3670-3685.	4.6	15
22	Influence of Surface States on the Optical and Cellular Property of Thermally Stable Red Emissive Graphitic Carbon Dots. <i>ACS Applied Bio Materials</i> , 2021, 4, 4641-4651.	4.6	7
23	Recent advances in point-of-care diagnostics for oral cancer. <i>Biosensors and Bioelectronics</i> , 2021, 178, 112995.	10.1	20
24	Status of inhalable antimicrobial agents for lung infection: progress and prospects. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1251-1270.	2.5	2
25	Synthesis and characterization of an injectable microparticles integrated hydrogel composite biomaterial: In-vivo biocompatibility and inflammatory arthritis treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111597.	5.0	15
26	Nanoporous Cobalt Hexacyanoferrate Nanospheres for Screen-Printed H <sub>2</sub> O <sub>2</sub> Sensors. <i>ACS Applied Nano Materials</i> , 2021, 4, 5564-5576.	5.0	17
27	Nanotechnology synergized immunoengineering for cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 163, 72-101.	4.3	8
28	Cationic Liposomes Enable Shape Control in Surfactant-Free Synthesis of Biocompatible Gold Nanorods. <i>Chemistry of Materials</i> , 2021, 33, 4558-4567.	6.7	5
29	Photo-Triggered Nanomaterials for Cancer Theranostic Applications. <i>Nano LIFE</i> , 2021, 11, 2130004.	0.9	4
30	Targeted nanoformulation of C1 inhibits the growth of KB spheroids and cancer stem cell-enriched MCF-7 mammospheres. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111702.	5.0	2
31	Emissive radiodense stealth plasmonic nanohybrid as X-ray contrast and photo-ablative agent of cancer cells. <i>Materials Today Communications</i> , 2021, 27, 102181.	1.9	2
32	Improved non-enzymatic H <sub>2</sub> O <sub>2</sub> sensors using highly electroactive cobalt hexacyanoferrate nanostructures prepared through EDTA chelation route. <i>Materials Chemistry and Physics</i> , 2021, 267, 124593.	4.0	12
33	Nanoengineered photoactive theranostic agents for cancer. <i>Nanophotonics</i> , 2021, 10, 2973-2997.	6.0	11
34	Time-Frequency Decomposition of Scalp Electroencephalograms Improves Deep Learning-Based Epilepsy Diagnosis. <i>International Journal of Neural Systems</i> , 2021, 31, 2150032.	5.2	20
35	Non-Enzymatic H <sub>2</sub> O <sub>2</sub> Sensor Using Liquid Phase High-Pressure Exfoliated Graphene. <i>Journal of the Electrochemical Society</i> , 2021, 168, 086508.	2.9	13
36	Intervention of 3D printing in health care: transformation for sustainable development. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1659-1672.	5.0	4

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37	Nanohybrids as Protein-Polymer Conjugate Multimodal Therapeutics. <i>Frontiers in Medical Technology</i> , 2021, 3, 676025.	2.5	9
38	Raman micro-spectroscopic map estimating in vivo precision of tumor ablative effect achieved by photothermal therapy procedure. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 37, 102437.	3.3	1
39	Natural biopolymeric nanomaterials for tissue engineering: overview and recent advances. , 2021, , 675-696.		1
40	Ultrahigh Penetration and Retention of Graphene Quantum Dot Mesoporous Silica Nanohybrids for Image Guided Tumor Regression. <i>ACS Applied Bio Materials</i> , 2021, 4, 1693-1703.	4.6	14
41	Light-triggered selective ROS-dependent autophagy by bioactive nanoliposomes for efficient cancer theranostics. <i>Nanoscale</i> , 2020, 12, 2028-2039.	5.6	38
42	Comprehensive Review on Current Interventions, Diagnostics, and Nanotechnology Perspectives against SARS-CoV-2. <i>Bioconjugate Chemistry</i> , 2020, 31, 2021-2045.	3.6	58
43	Zinc oxide nanoparticles decorated fluorescent and antibacterial glass fiber pre-filter paper. <i>Nano Express</i> , 2020, 1, 010048.	2.4	1
44	Machine-Free Polymerase Chain Reaction with Triangular Gold and Silver Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10489-10496.	4.6	11
45	BF <sub>2</sub> -Oxasmaragdyrin Nanoparticles: A Non-toxic, Photostable, Enhanced Non-radiative Decay-Assisted Efficient Photothermal Cancer Theragnostic Agent. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52329-52342.	8.0	16
46	Lysozyme coated copper nanoclusters for green fluorescence and their utility in cell imaging. <i>Materials Advances</i> , 2020, 1, 1439-1447.	5.4	13
47	Nanobiotechnology approaches for miniaturized diagnostics. , 2020, , 297-333.		1
48	Cell-Penetrating Peptide-Conjugated BF <sub>2</sub> -Oxasmaragdyrins as NIRF Imaging and Photothermal Agents. <i>ChemMedChem</i> , 2020, 15, 1783-1787.	3.2	9
49	Emerging therapeutics for the management of COVID 19. <i>Expert Opinion on Emerging Drugs</i> , 2020, 25, 337-351.	2.4	6
50	Characteristics of Molecularly Engineered Anticancer Drug Conjugated Organic Nanomicelles for Site-Selective Cancer Cell Rupture and Growth Inhibition of Tumor Spheroids. <i>ACS Applied Bio Materials</i> , 2020, 3, 7067-7079.	4.6	4
51	Bioinspired carrier-free peptide conjugated BF <sub>2</sub> -oxasmaragdyrin dye-based nano self-assemblies: a photostable NIR cancer theragnostic agent. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	6
52	Rationally Designed Furocarbazoles as Multifunctional Aggregation Induced Emissive Luminogens for the Sensing of Trinitrophenol (TNP) and Cell Imaging. <i>ChemPhotoChem</i> , 2020, 4, 691-703.	3.0	11
53	Preclinical evaluation of multi stimuli responsive core-plasmonic nanoshell for photo-triggered tumor ablation: A disintegrable nanohybrid. <i>Applied Materials Today</i> , 2020, 20, 100684.	4.3	5
54	Dual drug delivery of curcumin and niclosamide using PLGA nanoparticles for improved therapeutic effect on breast cancer cells. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	26

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55	Liposomal nanotheranostics for multimode targeted in vivo bioimaging and near-infrared light mediated cancer therapy. <i>Communications Biology</i> , 2020, 3, 284.	4.4	46
56	Noninvasive Preclinical Evaluation of Targeted Nanoparticles for the Delivery of Curcumin in Treating Pancreatic Cancer. <i>ACS Applied Bio Materials</i> , 2020, 3, 4643-4654.	4.6	25
57	Antihepatoma activity of multifunctional polymeric nanoparticles via inhibition of microtubules and tyrosine kinases. <i>Nanomedicine</i> , 2020, 15, 381-396.	3.3	5
58	Synthesis and Studies of Glucosamine Conjugated BF 2 Oxasmaragdyrin. <i>ChemistrySelect</i> , 2020, 5, 938-943.	1.5	4
59	Selection of superior targeting ligands using PEGylated PLGA nanoparticles for delivery of curcumin in the treatment of triple-negative breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101722.	3.0	23
60	Designing and Immunomodulating Multiresponsive Nanomaterial for Cancer Theranostics. <i>Frontiers in Chemistry</i> , 2020, 8, 631351.	3.6	8
61	Nanobiotechnology Advancements in Lateral Flow Immunodiagnosics. , 2020, , 181-204.		1
62	Advances in Polysaccharide-Based Antimicrobial Delivery Vehicles. , 2020, , 267-295.		1
63	Graphene Oxide Supported Liposomes as Red Emissive Theranostics for Phototriggered Tissue Visualization and Tumor Regression. <i>ACS Applied Bio Materials</i> , 2019, 2, 3312-3320.	4.6	30
64	Chitosan-polycaprolactone blend sponges for management of chronic osteomyelitis: A preliminary characterization and in vitro evaluation. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118553.	5.2	25
65	The nano to micro-transition of hydrophobic curcumin crystals leading to <i>in situ</i> adjuvant depots for Au-liposome nanoparticle mediated enhanced photothermal therapy. <i>Biomaterials Science</i> , 2019, 7, 3866-3875.	5.4	34
66	Quercetin Encapsulated Biodegradable Plasmonic Nanoparticles for Photothermal Therapy of Hepatocellular Carcinoma Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 5727-5738.	4.6	21
67	Polymeric Core-Shell Combinatorial Nanomedicine for Synergistic Anticancer Therapy. <i>ACS Omega</i> , 2019, 4, 19614-19622.	3.5	12
68	Niclosamide encapsulated polymeric nanocarriers for targeted cancer therapy. <i>RSC Advances</i> , 2019, 9, 26572-26581.	3.6	13
69	Comprehensive Evaluation of Degradable and Cost-Effective Plasmonic Nanoshells for Localized Photothermolysis of Cancer Cells. <i>Langmuir</i> , 2019, 35, 7805-7815.	3.5	22
70	Preparation of graphene oxide-graphene quantum dots hybrid and its application in cancer theranostics. <i>Materials Science and Engineering C</i> , 2019, 103, 109774.	7.3	68
71	Chitosan sponges as a sustained release carrier system for the prophylaxis of orthopedic implant-associated infections. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 100-112.	7.5	33
72	Flow-through colorimetric assay for detection of nucleic acids in plasma. <i>Analytica Chimica Acta</i> , 2019, 1066, 102-111.	5.4	32

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73	Process parameter optimization for lateral flow immunosensing. <i>Materials Science for Energy Technologies</i> , 2019, 2, 434-441.	1.8	18
74	Design and Development of Quantum Dots Infused Films and an Optical Reader for Measurement of Blood Electrolytes. , 2019, , .		0
75	Optical Properties of Plasmonic Gold: A Possible Application for Screening of Cervical Cancer. , 2019, , .		1
76	Multi-fluorescent cationic carbon dots for solid-state fingerprinting. <i>Journal of Luminescence</i> , 2019, 208, 428-436.	3.1	25
77	Mini submersible pump assisted sonochemical reactors: Large-scale synthesis of zinc oxide nanoparticles and nanoleaves for antibacterial and anti-counterfeiting applications. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 414-427.	8.2	23
78	Cefuroxime conjugated chitosan hydrogel for treatment of wound infections. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 776-787.	5.0	52
79	Dragon fruit extract capped gold nanoparticles: Synthesis and their differential cytotoxicity effect on breast cancer cells. <i>Materials Letters</i> , 2019, 236, 498-502.	2.6	57
80	Fluorescence lateral flow immunoassay based point-of-care nanodiagnostics for orthopedic implant-associated infection. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 24-33.	7.8	62
81	Glycol chitosan assisted in situ reduction of gold on polymeric template for anti-cancer theranostics. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 392-398.	7.5	15
82	Cyclodextrin-stabilized Gold nanoclusters for bioimaging and selective label-free intracellular sensing of Co <sup>2+</sup> ions. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 270-281.	7.8	32
83	Temperature dependent excited state dynamics in dual emissive CdSe nano-tetrapods. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4200-4207.	2.8	10
84	Disintegrable NIR Light Triggered Gold Nanorods Supported Liposomal Nanohybrids for Cancer Theranostics. <i>Bioconjugate Chemistry</i> , 2018, 29, 1510-1518.	3.6	40
85	Chitosan nanoparticles and povidone iodine containing alginate gel for prevention and treatment of orthopedic implant associated infections. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1131-1141.	7.5	36
86	Facile synthesis of plasmonic zein nanoshells for imaging-guided photothermal cancer therapy. <i>Materials Science and Engineering C</i> , 2018, 90, 539-548.	7.3	28
87	Gold laced bio-macromolecules for theranostic application. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 39-53.	7.5	22
88	Methotrexate loaded alginate microparticles and effect of Ca <sup>2+</sup> post-crosslinking: An in vitro physicochemical and biological evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 294-307.	7.5	12
89	Chlorophyll rich biomolecular fraction of <i>A. cadamba</i> loaded into polymeric nanosystem coupled with Photothermal Therapy: A synergistic approach for cancer theranostics. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 383-391.	7.5	38
90	Zinc oxide nanoleaves: A scalable disperser-assisted sonochemical approach for synthesis and an antibacterial application. <i>Ultrasonics Sonochemistry</i> , 2018, 41, 47-58.	8.2	40

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91	NIR triggered liposome gold nanoparticles entrapping curcumin as in situ adjuvant for photothermal treatment of skin cancer. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 375-382.	7.5	81
92	Methotrexate loaded gellan gum microparticles for drug delivery. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 346-356.	7.5	46
93	Enhanced EPR directed and Imaging guided Photothermal Therapy using Vitamin E Modified Toco-Photoxil. <i>Scientific Reports</i> , 2018, 8, 16673.	3.3	18
94	A biodegradable fluorescent nanohybrid for photo-driven tumor diagnosis and tumor growth inhibition. <i>Nanoscale</i> , 2018, 10, 19082-19091.	5.6	30
95	<i>In Vivo</i> Examination of Folic Acid-Conjugated Gold-Silica Nanohybrids as Contrast Agents for Localized Tumor Diagnosis and Biodistribution. <i>Bioconjugate Chemistry</i> , 2018, 29, 4012-4019.	3.6	18
96	Plasmonic carbon nanohybrids for repetitive and highly localized photothermal cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 430-439.	5.0	15
97	Cell Alignment on Graphene-Amyloid Composites. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800621.	3.7	10
98	Embelin-Mediated Green Synthesis of Quasi-Spherical and Star-Shaped Plasmonic Nanostructures for Antibacterial Activity, Photothermal Therapy, and Computed Tomographic Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10562-10577.	6.7	21
99	Fluorescence Stability of Mercaptopropionic Acid Capped Cadmium Telluride Quantum Dots in Various Biochemical Buffers. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2582-2591.	0.9	9
100	Dual-purpose Injectable Doxorubicin Conjugated Alginate Gel Containing Polycaprolactone Microparticles for Anti-Cancer and Anti-Inflammatory Therapy. <i>Current Drug Delivery</i> , 2018, 15, 716-726.	1.6	9
101	Benzothiazoles-substituted tetraphenylethylenes: synthesis, structure, aggregation-induced emission and biological studies. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1207-1216.	5.9	31
102	Evolution of thiol-capped gold nanoclusters into larger gold nanoparticles under electron beam irradiation. <i>Micron</i> , 2017, 95, 1-6.	2.2	16
103	Highly selective optical and reversible dual-path chemosensor for cyanide detection and its application in live cells imaging. <i>Biosensors and Bioelectronics</i> , 2017, 92, 95-100.	10.1	40
104	N-doped multi-fluorescent carbon dots for "turn off-on" silver-biothiol dual sensing and mammalian cell imaging application. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 481-492.	7.8	95
105	Multifunctional graphene quantum dots for combined photothermal and photodynamic therapy coupled with cancer cell tracking applications. <i>RSC Advances</i> , 2017, 7, 5251-5261.	3.6	115
106	Graphene Quantum Dots from <i>Mangifera indica</i> : Application in Near-Infrared Bioimaging and Intracellular Nanothermometry. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1382-1391.	6.7	273
107	Injectable methotrexate loaded polycaprolactone microspheres: Physicochemical characterization, biocompatibility, and hemocompatibility evaluation. <i>Materials Science and Engineering C</i> , 2017, 81, 542-550.	7.3	36
108	Rapid, One-Pot, Protein-Mediated Green Synthesis of Gold Nanostars for Computed Tomographic Imaging and Photothermal Therapy of Cancer. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10163-10175.	6.7	26

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109	NIR light-triggered shrinkable thermoresponsive PNVCL nanoshells for cancer theranostics. RSC Advances, 2017, 7, 44026-44034.	3.6	20
110	A novel terephthalaldehyde based turn-on fluorescent chemosensor for Cu <sup>2+</sup> and its application in imaging of living cells. Photochemical and Photobiological Sciences, 2017, 16, 1464-1470.	2.9	10
111	pH and Urea Estimation in Urine Samples using Single Fluorophore and Ratiometric Fluorescent Biosensors. Scientific Reports, 2017, 7, 5840.	3.3	31
112	Graphene Quantum Dots for Cell Proliferation, Nucleus Imaging, and Photoluminescent Sensing Applications. Scientific Reports, 2017, 7, 15858.	3.3	151
113	Development and testing of portable fluorescence reader (PorFlo <sup>®</sup> ), 2017, .		8
114	Magnetic core-shell hybrid nanoparticles for receptor targeted anti-cancer therapy and magnetic resonance imaging. Journal of Colloid and Interface Science, 2017, 486, 112-120.	9.4	64
115	Biocompatible antimicrobial cotton fibres for healthcare industries: a biogenic approach for synthesis of bio-organic-coated silver nanoparticles. IET Nanobiotechnology, 2017, 11, 1046-1051.	3.8	5
116	Near Infrared Fluorescence Imaging in Nano-Therapeutics and Photo-Thermal Evaluation. International Journal of Molecular Sciences, 2017, 18, 924.	4.1	40
117	Assessing Therapeutic Potential of Magnetic Mesoporous Nanoassemblies for Chemo-Resistant Tumors. Theranostics, 2016, 6, 1557-1572.	10.0	10
118	Nicosamide loaded cationic Solid Lipid Nanoparticles for treatment of Cancer. , 2016, .		3
119	Albumin stabilized gold nanostars: a biocompatible nanoplatform for SERS, CT imaging and photothermal therapy of cancer. RSC Advances, 2016, 6, 84025-84034.	3.6	25
120	Protein-Poly(amino acid) Nanocore-Shell Mediated Synthesis of Branched Gold Nanostructures for Computed Tomographic Imaging and Photothermal Therapy of Cancer. ACS Applied Materials & Interfaces, 2016, 8, 15889-15903.	8.0	50
121	Microtubule targeted therapeutics loaded polymeric assembled nanospheres for potentiation of antineoplastic activity. Faraday Discussions, 2016, 186, 45-59.	3.2	2
122	Intracellular interactions of electrostatically mediated layer-by-layer assembled polyelectrolytes based sorafenib nanoparticles in oral cancer cells. Colloids and Surfaces B: Biointerfaces, 2016, 143, 131-138.	5.0	27
123	Bioresponsive carbon nano-gated multifunctional mesoporous silica for cancer theranostics. Nanoscale, 2016, 8, 4537-4546.	5.6	64
124	Turn-on fluorescence assay for inorganic phosphate sensing. Sensors and Actuators B: Chemical, 2016, 225, 340-347.	7.8	54
125	Nanobiotechnology Perspectives on Prevention and Treatment of Ortho-paedic Implant Associated Infection. Current Drug Delivery, 2016, 13, 175-185.	1.6	22
126	Synthesis and characterization of gold encapsulated and tamoxifen loaded PLGA nanoparticles for breast cancer theranostics. , 2015, .		2



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127	Synthesis of albumin nanoparticles with a natural multi-therapeutic crosslinker - embelin. , 2015, , .		2
128	Nanomechanics of Fosbretabulin A4 polymeric nanoparticles in liver cancer cells. , 2015, , .		3
129	In Vivo Analysis of Biodegradable Liposome Gold Nanoparticles as Efficient Agents for Photothermal Therapy of Cancer. Nano Letters, 2015, 15, 842-848.	9.1	338
130	IR 820 stabilized multifunctional polycaprolactone glycol chitosan composite nanoparticles for cancer therapy. RSC Advances, 2015, 5, 56162-56170.	3.6	32
131	A Chimeric Cetuximab-Functionalized Corona as a Potent Delivery System for Microtubule-Destabilizing Nanocomplexes to Hepatocellular Carcinoma Cells: A Focus on EGFR and Tubulin Intracellular Dynamics. Molecular Pharmaceutics, 2015, 12, 3908-3923.	4.6	10
132	IR 820 dye encapsulated in polycaprolactone glycol chitosan: Poloxamer blend nanoparticles for photo immunotherapy for breast cancer. Materials Science and Engineering C, 2015, 57, 321-327.	7.3	54
133	Nanodrug delivery in reversing multidrug resistance in cancer cells. Frontiers in Pharmacology, 2014, 5, 159.	3.5	175
134	Gold Nanocages as Effective Photothermal Transducers in Killing Highly Tumorigenic Cancer Cells. Particle and Particle Systems Characterization, 2014, 31, 398-405.	2.3	28
135	Multifunctional gold coated thermo-sensitive liposomes for multimodal imaging and photo-thermal therapy of breast cancer cells. Nanoscale, 2014, 6, 916-923.	5.6	133
136	Organic and aqueous dispersible tetrapods for biosensing applications. , 2013, , .		2
137	Core/surface modified nanomedicines for controlled release of drug. , 2012, , .		1
138	Thermosensitive gold-liposome hybrid nanostructures for photothermal therapy of cancer. , 2012, , .		1
139	Poly(N-isopropylacrylamide) based polymer nanogels for drug delivery applications. , 2011, , .		4
140	â€œSmart Tattooâ€•Glucose Biosensors and Effect of Coencapsulated Anti-Inflammatory Agents. Journal of Diabetes Science and Technology, 2011, 5, 76-85.	2.2	32