Samaresh Sau

List of Publications by Year
in descending order

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56 papers	3,685 citations	201385 27 h-index	168136 53 g-index
58 all docs	58 docs citations	58 times ranked	6054 citing authors

#	Article	IF	Citations
1	PD-1 and PD-L1 Checkpoint Signaling Inhibition for Cancer Immunotherapy: Mechanism, Combinations, and Clinical Outcome. Frontiers in Pharmacology, 2017, 8, 561.	1.6	1,276
2	siRNA Delivery Strategies: A Comprehensive Review of Recent Developments. Nanomaterials, 2017, 7, 77.	1.9	298
3	Advances in antibodyâ€“drug conjugates: A new era of targeted cancer therapy. Drug Discovery Today, 2017, 22, 1547-1556.	3.2	139
4	Polyvalent Folate-Dendrimer-Coated Iron Oxide Theranostic Nanoparticles for Simultaneous Magnetic Resonance Imaging and Precise Cancer Cell Targeting. Biomacromolecules, 2017, 18, 1197-1209.	2.6	130
5	Green Synthesis and Characterization of Monodispersed Gold Nanoparticles: Toxicity Study, Delivery of Doxorubicin and Its Bio-Distribution in Mouse Model. Journal of Biomedical Nanotechnology, 2016, 12, 165-181.	0.5	124
6	Multifunctional nanoparticles for cancer immunotherapy: A groundbreaking approach for reprogramming malfunctioned tumor environment. Journal of Controlled Release, 2018, 274, 24-34.	4.8	123
7	Progress in Clinical Trials of Photodynamic Therapy for Solid Tumors and the Role of Nanomedicine. Cancers, 2020, 12, 2793.	1.7	84
8	Assessment of penetration potential of pH responsive double walled biodegradable nanogels coated with eucalyptus oil for the controlled delivery of 5-fluorouracil: In vitro and ex vivo studies. Journal of Controlled Release, 2017, 253, 122-136.	4.8	82
9	Folic acid conjugated polymeric micelles loaded with a curcumin difluorinated analog for targeting cervical and ovarian cancers. Colloids and Surfaces B: Biointerfaces, 2017, 157, 490-502.	2.5	81
10	Nanostructured lipid carriers employing polyphenols as promising anticancer agents: Quality by design (QbD) approach. International Journal of Pharmaceutics, 2017, 526, 506-515.	2.6	78
11	Paclitaxel and di-fluorinated curcumin loaded in albumin nanoparticles for targeted synergistic combination therapy of ovarian and cervical cancers. Colloids and Surfaces B: Biointerfaces, 2018, 167, 8-19.	2.5	75
12	Nano-engineered delivery systems for cancer imaging and therapy: Recent advances, future direction and patent evaluation. Drug Discovery Today, 2019, 24, 462-491.	3.2	73
13	pH Responsive 5-Fluorouracil Loaded Biocompatible Nanogels For Topical Chemotherapy of Aggressive Melanoma. Colloids and Surfaces B: Biointerfaces, 2019, 174, 232-245.	2.5	65
14	Recent advances in nano delivery systems for blood-brain barrier (BBB) penetration and targeting of brain tumors. Drug Discovery Today, 2021, 26, 1944-1952.	3.2	62
15	pH responsive biodegradable nanogels for sustained release of bleomycin. Bioorganic and Medicinal Chemistry, 2017, 25, 4595-4613.	1.4	59
16	Tumor hypoxia directed multimodal nanotherapy for overcoming drug resistance in renal cell carcinoma and reprogramming macrophages. Biomaterials, 2018, 183, 280-294.	5.7	57
17	CD44 directed nanomicellar payload delivery platform for selective anticancer effect and tumor specific imaging of triple negative breast cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1441-1454.	1.7	53
18	Cancer cell-selective promoter recognition accompanies antitumor effect by glucocorticoid receptor-targeted gold nanoparticle. Nanoscale, 2014, 6, 6745.	2.8	52

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19	Synthesis and characterization of folate decorated albumin bio-conjugate nanoparticles loaded with a synthetic curcumin difluorinated analogue. Journal of Colloid and Interface Science, 2017, 496, 290-299.	5.0	50
20	Nanomedicine for cancer diagnosis and therapy: advancement, success and structureâ€“activity relationship. Therapeutic Delivery, 2017, 8, 1003-1018.	1.2	49
21	PDL-1 Antibody Drug Conjugate for Selective Chemo-Guided Immune Modulation of Cancer. Cancers, 2019, 11, 232.	1.7	43
22	Transferrin: Biology and Use in Receptor-Targeted Nanotherapy of Gliomas. ACS Omega, 2021, 6, 8727-8733.	1.6	42
23	Cationic lipid-conjugated dexamethasone as a selective antitumor agent. European Journal of Medicinal Chemistry, 2014, 83, 433-447.	2.6	41
24	Development of asialoglycoprotein receptor directed nanoparticles for selective delivery of curcumin derivative to hepatocellular carcinoma. Heliyon, 2018, 4, e01071.	1.4	41
25	Design, synthesis and antiproliferative activity of decarbonyl luotonin analogues. European Journal of Medicinal Chemistry, 2017, 138, 932-941.	2.6	36
26	Folate Decorated Nanomicelles Loaded with a Potent Curcumin Analogue for Targeting Retinoblastoma. Pharmaceutics, 2017, 9, 15.	2.0	35
27	Folate Receptorsâ€™ Expression in Gliomas May Possess Potential Nanoparticle-Based Drug Delivery Opportunities. ACS Omega, 2021, 6, 4111-4118.	1.6	33
28	Combination of cationic dexamethasone derivative and STAT3 inhibitor (WP1066) for aggressive melanoma: a strategy for repurposing a phase I clinical trial drug. Molecular and Cellular Biochemistry, 2017, 436, 119-136.	1.4	30
29	Novel approaches for the treatment of methicillin-resistant Staphylococcus aureus: Using nanoparticles to overcome multidrug resistance. Drug Discovery Today, 2021, 26, 31-43.	3.2	30
30	Improving the therapeutic efficiency of noncoding RNAs in cancers using targeted drug delivery systems. Drug Discovery Today, 2020, 25, 718-730.	3.2	28
31	Interactions Between Tumor Biology and Targeted Nanoplatforms for Imaging Applications. Advanced Functional Materials, 2020, 30, 1910402.	7.8	28
32	Copper-Free â€˜Clickâ€™ Chemistry-Based Synthesis and Characterization of Carbonic Anhydrase-IX Anchored Albumin-Paclitaxel Nanoparticles for Targeting Tumor Hypoxia. International Journal of Molecular Sciences, 2018, 19, 838.	1.8	27
33	Graphene Decorated Zinc Oxide and Curcumin to Disinfect the Methicillin-Resistant Staphylococcus aureus. Nanomaterials, 2020, 10, 1004.	1.9	25
34	A tumor multicomponent targeting chemoimmune drug delivery system for reprograming the tumor microenvironment and personalized cancer therapy. Drug Discovery Today, 2018, 23, 1344-1356.	3.2	24
35	pH triggered and charge attracted nanogel for simultaneous evaluation of penetration and toxicity against skin cancer: In-vitro and ex-vivo study. International Journal of Biological Macromolecules, 2019, 128, 740-751.	3.6	22
36	A CARP-1 functional mimetic loaded vitamin E-TPGS micellar nano-formulation for inhibition of renal cell carcinoma. Oncotarget, 2017, 8, 104928-104945.	0.8	22

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37	LDL receptors and their role in targeted therapy for glioma: a review. Drug Discovery Today, 2021, 26, 1212-1225.	3.2	18
38	Combination of Vancomycin and Cefazolin Lipid Nanoparticles for Overcoming Antibiotic Resistance of MRSA. Materials, 2018, 11, 1245.	1.3	17
39	CD44 Targeted Nanomaterials for Treatment of Triple-Negative Breast Cancer. Cancers, 2021, 13, 898.	1.7	16
40	Carbonic Anhydrase-IX Guided Albumin Nanoparticles for Hypoxia-mediated Triple-Negative Breast Cancer Cell Killing and Imaging of Patient-derived Tumor. Molecules, 2020, 25, 2362.	1.7	14
41	Heteropoly acid catalyzed synthesis of 8-methyl-2-aryl/alkyl-3-oxabicyclo[3.3.1]non-7-ene derivatives through (3,5)-oxonium-ene reaction. Tetrahedron Letters, 2013, 54, 7160-7163.	0.7	13
42	Molecular Docking Analysis of Caspase-3 Activators as Potential Anticancer Agents. Current Computer-Aided Drug Design, 2018, 15, 55-66.	0.8	13
43	Smart treatment strategies for alleviating tauopathy and neuroinflammation to improve clinical outcome in Alzheimer's disease. Drug Discovery Today, 2020, 25, 2110-2129.	3.2	12
44	A CARP-1 functional mimetic compound is synergistic with BRAF-targeting in non-small cell lung cancers. Oncotarget, 2018, 9, 29680-29697.	0.8	11
45	An integrated computational approach of molecular dynamics simulations, receptor binding studies and pharmacophore mapping analysis in search of potent inhibitors against tuberculosis. Journal of Molecular Graphics and Modelling, 2018, 83, 17-32.	1.3	9
46	Overcoming the Tumor Microenvironmental Barriers of Pancreatic Ductal Adenocarcinomas for Achieving Better Treatment Outcomes. Advanced Therapeutics, 2021, 4, 2000262.	1.6	9
47	Folate Functionalized Lipid Nanoparticles for Targeted Therapy of Methicillin-Resistant Staphylococcus aureus. Pharmaceutics, 2021, 13, 1791.	2.0	9
48	Discovering pH triggered charge rebound surface modulated topical nanotherapy against aggressive skin papilloma. Materials Science and Engineering C, 2020, 107, 110263.	3.8	8
49	Immunotherapy and molecular role of T-cell in PD-1 antibody treated resectable lung cancer patients. Journal of Thoracic Disease, 2018, 10, 4682-4685.	0.6	5
50	Nanomaterials for tumor immunomodulation and overcoming current clinical challenges. Nanomedicine, 2019, 14, 1515-1519.	1.7	3
51	A Biomimetic Drug Delivery System Targeting Tumor Hypoxia in Triple-Negative Breast Cancers. Applied Sciences (Switzerland), 2020, 10, 1075.	1.3	3
52	Nanoparticles for Immune Cell Reprogramming and Reengineering of Tumor Microenvironment. Methods in Molecular Biology, 2020, 2097, 211-221.	0.4	3
53	Combined phased-array ultrasound and photoacoustic endoscope for gynecologic cancer imaging applications. , 2018, , .		2
54	Nanomedicine for overcoming therapeutic and diagnostic challenges associated with pancreatic cancer. Drug Discovery Today, 2022, , .	3.2	1

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55	Imaging tools to enhance animal tumor models for cancer research and drug discovery. , 2019, , 75-106.		0
56	Exploring siRNA Umpired Nanogels: A Tale of Barrier Combating Carrier. Current Pharmaceutical Design, 2020, 26, 3234-3250.	0.9	0