

Vijay Sagar Madamsetty

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

876
citations

567144

15
h-index

526166

27
g-index

32
all docs

32
docs citations

32
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo gene delivery mediated by non-viral vectors for cancer therapy. <i>Journal of Controlled Release</i> , 2020, 325, 249-275.	4.8	156
2	Recent Trends of the Bio-Inspired Nanoparticles in Cancer Theranostics. <i>Frontiers in Pharmacology</i> , 2019, 10, 1264.	1.6	133
3	Recent Advancements of Nanomedicine in Neurodegenerative Disorders Theranostics. <i>Advanced Functional Materials</i> , 2020, 30, 2003054.	7.8	83
4	Recent Advancements of Nanomedicine towards Antiangiogenic Therapy in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 455.	1.8	72
5	Glycogen Synthase Kinase-3 Inhibition Sensitizes Pancreatic Cancer Cells to Chemotherapy by Abrogating the TopBP1/ATR-Mediated DNA Damage Response. <i>Clinical Cancer Research</i> , 2019, 25, 6452-6462.	3.2	43
6	Development of multi-drug loaded PEGylated nanodiamonds to inhibit tumor growth and metastasis in genetically engineered mouse models of pancreatic cancer. <i>Nanoscale</i> , 2019, 11, 22006-22018.	2.8	40
7	Chitosan: A versatile bio-platform for breast cancer theranostics. <i>Journal of Controlled Release</i> , 2022, 341, 733-752.	4.8	38
8	Dexamethasone: Insights into Pharmacological Aspects, Therapeutic Mechanisms, and Delivery Systems. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1763-1790.	2.6	37
9	Tumor selective uptake of drug-nanodiamond complexes improves therapeutic outcome in pancreatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 112-121.	1.7	31
10	Synchronous inhibition of mTOR and VEGF/NRP1 axis impedes tumor growth and metastasis in renal cancer. <i>Npj Precision Oncology</i> , 2019, 3, 31.	2.3	31
11	Co-delivery of everolimus and vinorelbine via a tumor-targeted liposomal formulation inhibits tumor growth and metastasis in RCC. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5109-5123.	3.3	30
12	Functionalization of Nanomaterials and Their Application in Melanoma Cancer Theranostics. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 167-181.	2.6	28
13	Electrospun nanocarriers for delivering natural products for cancer therapy. <i>Trends in Food Science and Technology</i> , 2021, 118, 887-904.	7.8	23
14	Liposomally encapsulated CDC20 siRNA inhibits both solid melanoma tumor growth and spontaneous growth of intravenously injected melanoma cells on mouse lung. <i>Drug Delivery and Translational Research</i> , 2013, 3, 224-234.	3.0	21
15	New Horizons in Hydrogels for Methotrexate Delivery. <i>Gels</i> , 2021, 7, 2.	2.1	20
16	Ablation of neuropilin-1 improves the therapeutic response in conventional drug-resistant glioblastoma multiforme. <i>Oncogene</i> , 2020, 39, 7114-7126.	2.6	17
17	Neuropilin-1 maintains dimethylarginine dimethylaminohydrolase 1 expression in endothelial cells, and contributes to protection from angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2019, 33, 494-500.	0.2	14
18	Synthesis, Spectral Characterization, DNA/ Protein Binding, DNA Cleavage, Cytotoxicity, Antioxidative and Molecular Docking Studies of Cu(II)Complexes Containing Schiff Base-bpy/Phen Ligands. <i>Journal of Fluorescence</i> , 2017, 27, 953-965.	1.3	13

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19	Design and Evaluation of PEGylated Liposomal Formulation of a Novel Multikinase Inhibitor for Enhanced Chemosensitivity and Inhibition of Metastatic Pancreatic Ductal Adenocarcinoma. <i>Bioconjugate Chemistry</i> , 2019, 30, 2703-2713.	1.8	12
20	Targeted Dual Intervention-Oriented Drug-Encapsulated (DIODE) Nanoformulations for Improved Treatment of Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 1189.	1.7	6
21	Enhancing the anticancer effect of paclitaxel by using polymeric nanoparticles decorated with colorectal cancer targeting CPKSNNNGVC-peptide. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103125.	1.4	6
22	Novel tumor-targeted liposomes comprised of an MDM2 antagonist plus proteasome inhibitor display anti-tumor activity in a xenograft model of bortezomib-resistant Waldenstrom macroglobulinemia. <i>Leukemia and Lymphoma</i> , 2020, 61, 2399-2408.	0.6	5
23	Enriched pharmacokinetic behavior and antitumor efficacy of thymoquinone by liposomal delivery. <i>Nanomedicine</i> , 2021, 16, 641-656.	1.7	4
24	Role of PLEXIND1/TGF β 2 Signaling Axis in Pancreatic Ductal Adenocarcinoma Progression Correlates with the Mutational Status of KRAS. <i>Cancers</i> , 2021, 13, 4048.	1.7	4
25	LCC-09, a Novel Salicylanilide Derivative, Exerts Anti-Inflammatory Effect in Vascular Endothelial Cells. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4551-4565.	1.6	4
26	Tyrosine Phosphoproteomics of Patient-Derived Xenografts Reveals Ephrin Type-B Receptor 4 Tyrosine Kinase as a Therapeutic Target in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 3404.	1.7	2
27	Bioinspired nanoparticles-based drug delivery systems for cancer theranostics. , 2021, , 189-228.		2
28	Emerging Trends in Immunomodulatory Nanomaterials Toward Cancer Therapy. <i>Synthesis Lectures on Biomedical Engineering</i> , 2021, 16, i-84.	0.1	0
29	Abstract 2926: The glycogen synthase kinase-3 inhibitor, 9-ING-41, synergizes with chemotherapy to inhibit pancreatic tumor growth in vivo. , 2018, , .		0