Venkatesh Chelvam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2199843/publications.pdf

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25	369	933447	794594
papers	citations	10	19
		h-index	g-index

26	26	26	667
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of Tumor-Targeted Near Infrared Probes for Fluorescence Guided Surgery. Bioconjugate Chemistry, 2013, 24, 1075-1080.	3.6	92
2	Selective liposome targeting of folate receptor positive immune cells in inflammatory diseases. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1033-1043.	3.3	46
3	A Folate Receptor-Î±â€“Specific Ligand That Targets Cancer Tissue and Not Sites of Inflammation. Journal of Nuclear Medicine, 2012, 53, 1127-1134.	5.0	39
4	Folate-conjugated liposomes target and deliver therapeutics to immune cells in a rat model of rheumatoid arthritis. Nanomedicine, 2017, 12, 2441-2451.	3.3	32
5	Role of oxygen defects in basicity of Se doped ZnO nanocatalyst for enhanced triglyceride transesterification in biodiesel production. Catalysis Communications, 2021, 149, 106258.	3.3	24
6	Comparison of nanoparticle penetration into solid tumors and sites of inflammation: studies using targeted and nontargeted liposomes. Nanomedicine, 2015, 10, 1439-1449.	3.3	19
7	Comparison of prostateâ€specific membrane antigen ligands in clinical translation research for diagnosis of prostate cancer. Cancer Reports, 2019, 2, e1169.	1.4	17
8	In vivo mouse fluorescence imaging for folate-targeted delivery and release kinetics. Biomedical Optics Express, 2014, 5, 2662.	2.9	16
9	A targeted near-infrared nanoprobe for deep-tissue penetration and imaging of prostate cancer. Biomaterials Science, 2021, 9, 2295-2312.	5.4	14
10	Efficient â€œturn-onâ€•nanosensor by dual emission-quenching mechanism of functionalized Se doped ZnO nanorods for mercury (II) detection. Applied Nanoscience (Switzerland), 2018, 8, 1973-1987.	3.1	10
11	Novel solid-phase strategy for the synthesis of ligand-targeted fluorescent-labelled chelating peptide conjugates as a theranostic tool for cancer. Beilstein Journal of Organic Chemistry, 2018, 14, 2665-2679.	2.2	9
12	Tyrosine-based asymmetric urea ligand for prostate carcinoma: Tuning biological efficacy through in silico studies. Bioorganic Chemistry, 2019, 91, 103154.	4.1	6
13	Serendipitous base catalysed condensationâ€“heteroannulation of iminoesters: a regioselective route to the synthesis of 4,6-disubstituted 5-azaindoles. Organic and Biomolecular Chemistry, 2020, 18, 1582-1587.	2.8	6
14	Synthesis and Evaluation of Folate-Conjugated Phenanthraquinones for Tumor-Targeted Oxidative Chemotherapy. Open Journal of Medicinal Chemistry, 2016, 06, 1-17.	0.7	6
15	Defects induced multicolor down- and up-conversion fluorescence in Se doped ZnO nanorods by single wavelength excitation. Optical Materials, 2020, 107, 110122.	3.6	5
16	Synthesis of tubuphenylalanine and epi-tubuphenylalanine via regioselective aziridine ring opening with carbon nucleophiles followed by hydroboration-oxidation of 1,1-substituted amino alkenes. Tetrahedron, 2018, 74, 6946-6953.	1.9	4
17	Structure activity relationships (SAR) study to design and synthesize new tubulin inhibitors with enhanced anti-tubulin activity: In silico and in vitro analysis. Journal of Molecular Structure, 2021, 1223, 129204.	3.6	4
18	Imaging of prostate cancer: optimizing affinity to prostate specific membrane antigen by spacer modifications in a tumor spheroid model. Journal of Biomolecular Structure and Dynamics, 2021, , 1-22.	3.5	4

#	Article	IF	Citations
19	Synthesis of the Deacetoxytubuvaline Fragment of Pretubulysin and its Lipophilic Analogues for Enhanced Permeability in Cancer Cell Lines. Synlett, 2019, 30, 77-81.	1.8	3
20	Developing Î¼SpherePlatform Using a Commercial Hairbrush: An Agarose 3D Culture Platform for Deep-Tissue Imaging of Prostate Cancer. ACS Applied Bio Materials, 2021, 4, 4254-4270.	4.6	3
21	Synthesis of 1-indolyl-3,5,8-substituted Î³-carbolines: one-pot solvent-free protocol and biological evaluation. Beilstein Journal of Organic Chemistry, 2021, 17, 1453-1463.	2.2	3
22	Preparation of Ligandâ€Targeted Drug Conjugates for Cancer Therapy and Their Evaluation In Vitro. Current Protocols in Chemical Biology, 2018, 10, e50.	1.7	2
23	Synthesis of tubuvaline (Tuv) fragment of tubulysin via diastereoselective dihydroxylation of homoallylamine. Synthetic Communications, 2021, 51, 797-809.	2.1	2
24	Agarose Microâ€Well Platform for Rapid Generation of Homogenous 3D Tumor Spheroids. Current Protocols, 2021, 1, e199.	2.9	2
25	In Vivo Evaluation of Ligand Targeted Drug Conjugates for Cancer Therapy. Current Protocols in Chemical Biology, 2018, 10, e49.	1.7	1