

Shubhra Chaturvedi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

358
citations

759233

12
h-index

839539

18
g-index

29
all docs

29
docs citations

29
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear magnetic resonance spectroscopy-based metabonomic investigation of biochemical effects in serum of ¹³ C-irradiated mice. <i>International Journal of Radiation Biology</i> , 2011, 87, 91-97.	1.8	48
2	Synthesis of Oxovanadium(IV) Schiff base Complexes derived from C ⁶ -substituted Diamines and Pyridoxal ⁵ -Phosphate as Antitumor Agents. <i>Chemical Biology and Drug Design</i> , 2012, 79, 223-234.	3.2	38
3	Imaging application and radiosensitivity enhancement of pectin decorated multifunctional magnetic nanoparticles in cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 443-454.	7.5	26
4	Targeted theranostic liposomes: rifampicin and ofloxacin loaded pegylated liposomes for theranostic application in mycobacterial infections. <i>RSC Advances</i> , 2016, 6, 28919-28926.	3.6	24
5	^{99m} Tc-DTPA-Amino Acids Conjugate as Specific SPECT Pharmaceuticals for Tumor Imaging. <i>Chemical Biology and Drug Design</i> , 2009, 74, 159-164.	3.2	21
6	New Trends and Current Status of Positron-Emission Tomography and Single-Photon-Emission Computerized Tomography Radioligands for Neuronal Serotonin Receptors and Serotonin Transporter. <i>Bioconjugate Chemistry</i> , 2017, 28, 2647-2672.	3.6	21
7	Differential biochemical response of rat kidney towards low and high doses of NiCl ₂ as revealed by NMR spectroscopy. <i>Journal of Applied Toxicology</i> , 2013, 33, 134-141.	2.8	20
8	Study of acute biochemical effects of thallium toxicity in mouse urine by NMR spectroscopy. <i>Journal of Applied Toxicology</i> , 2011, 31, 663-670.	2.8	19
9	Alpha-ketoglutarate decorated iron oxide-gold core-shell nanoparticles for active mitochondrial targeting and radiosensitization enhancement in hepatocellular carcinoma. <i>Materials Science and Engineering C</i> , 2021, 129, 112394.	7.3	17
10	Small Molecule Radiopharmaceuticals – A Review of Current Approaches. <i>Frontiers in Medicine</i> , 2016, 3, 5.	2.6	16
11	Facile synthesis of non-ionic dimeric molecular resonance imaging contrast agent: its relaxation and luminescence studies. <i>Dalton Transactions</i> , 2011, 40, 3346.	3.3	14
12	Potent Acetylcholinesterase Selective and Reversible Homodimeric Agent Based on Tacrine for Theranostics. <i>Molecular Pharmaceutics</i> , 2019, 16, 2296-2308.	4.6	13
13	Improving 5-HT ₇ R homology model for design of high affinity ligands: model validation with docking, embrace minimization, MM-GBSA, and molecular dynamic simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2475-2494.	3.5	12
14	Synthesis, docking and preliminary in vivo evaluation of serotonin dithiocarbamate as novel SPECT neuroimaging agent. <i>MedChemComm</i> , 2013, 4, 1006.	3.4	9
15	Nucleolipids as building blocks for the synthesis of ^{99m} Tc-labeled nanoparticles functionalized with folic acid. <i>New Journal of Chemistry</i> , 2014, 38, 5240-5246.	2.8	9
16	Evaluation of BBB permeable nucleolipid (NLDPU): A di-C15-ketalised palmitone appended uridine as neuro-tracer for SPECT. <i>International Journal of Pharmaceutics</i> , 2019, 565, 269-282.	5.2	9
17	Evidence for altered metabolic pathways during environmental stress: ¹ H-NMR spectroscopy based metabolomics and clinical studies on subjects of sea-voyage and Antarctic-stay. <i>Physiology and Behavior</i> , 2014, 135, 81-90.	2.1	6
18	Design, physico-chemical and pre-clinical evaluation of a homo-bivalent ^{99m} Tc-(BTZ) ₂ -DTPA radioligand for targeting dimeric 5-HT _{1A} /5-HT ₇ receptors. <i>New Journal of Chemistry</i> , 2018, 42, 15032-15043.	2.8	6

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19	Nontoxic In Vivo Clearable Nanoparticle Clusters for Theranostic Applications. ACS Biomaterials Science and Engineering, 2022, 8, 2053-2065.	5.2	5
20	Engineered Nanoparticles Associated Metabolomics. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	4
21	Synthesis, docking, and preliminary in vitro/in vivo evaluation of MPP-dithiocarbamate-capped silver nanoparticle as dual-imaging agent for 5HT_{1A}. International Journal of Nanomedicine, 2018, Volume 13, 19-23.	6.7	4
22	Microenvironment Stimulated Bioresponsive Small Molecule Carriers for Radiopharmaceuticals. ACS Omega, 2020, 5, 26297-26306.	3.5	4
23	Virtual screening of quinoline derived library for SARS-COV-2 targeting viral entry and replication. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8464-8493.	3.5	4
24	Acetylated Benzothiazolone as Homobivalent SPECT Metallo-Radiopharmaceutical ^{99m} Tc-(6-AcBTZ) ₂ DTPA: Design, Synthesis, and Preclinical Evaluation for Mapping 5-HT _{1A/7} Receptors. ACS Omega, 2019, 4, 10044-10055.	3.5	3
25	Insights of ligand binding in modeled h5-HT _{1A} receptor: homology modeling, docking, MM-GBSA, screening and molecular dynamics. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11625-11637.	3.5	3
26	Vectors for the delivery of radiopharmaceuticals in cancer therapeutics. Therapeutic Delivery, 2014, 5, 893-912.	2.2	2
27	Biodegradable Protein-Stabilized Inorganic Nanoassemblies for Photothermal Radiotherapy of Hepatoma Cells. ACS Omega, 2022, 7, 8928-8937.	3.5	1
28	5-HT _{1A} targeting PARCEST agent DO3AM-MPP with potential for receptor imaging: Synthesis, physico-chemical and MR studies. Bioorganic Chemistry, 2021, 106, 104487.	4.1	0
29	Harnessing Microenvironment Variation for Nanotechnology Based Therapeutics of ROS-Induced Cancer. , 2022, , 1-11.		0