

Anil K Mishra

List of Publications by Year in descending order

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34
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromol. Biosci. 5/2010. Macromolecular Bioscience, 2010, 10, .	4.1	41
2	⁶⁸ Ga based probe for Alzheimer's disease: synthesis and preclinical evaluation of homodimeric chalcone in I ² -amyloid imaging. Organic and Biomolecular Chemistry, 2014, 12, 7328.	2.8	32
3	Block Copolymer Based Nanoparticles for Theranostic Intervention of Cervical Cancer: Synthesis, Pharmacokinetics, and in Vitro/in Vivo Evaluation in HeLa Xenograft Models. ACS Applied Materials & Interfaces, 2017, 9, 22195-22211.	8.0	29
4	Zinc complex of tryptophan appended 1,4,7,10-tetraazacyclododecane as potential anticancer agent: Synthesis and evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 3483-3490.	3.0	26
5	Acylated chitosan anchored paclitaxel loaded liposomes: Pharmacokinetic and biodistribution study in Ehrlich ascites tumor bearing mice. International Journal of Biological Macromolecules, 2019, 122, 367-379.	7.5	19
6	Bivalent Approach for Homodimeric Estradiol Based Ligand: Synthesis and Evaluation for Targeted Theranosis of ER(+) Breast Carcinomas. Bioconjugate Chemistry, 2016, 27, 961-972.	3.6	17
7	Small Molecule Radiopharmaceuticals – A Review of Current Approaches. Frontiers in Medicine, 2016, 3, 5.	2.6	16
8	A homodimeric bivalent radioligand derived from 1-(2-methoxyphenyl)piperazine with high affinity for in vivo 5-HT1A receptor imaging. MedChemComm, 2012, 3, 814.	3.4	15
9	Ligand-Based Molecular Modeling Study on a Chemically Diverse Series of Cholecystokinin-B/Gastrin Receptor Antagonists: A Generation of Predictive Model. Journal of Chemical Information and Modeling, 2005, 45, 1934-1942.	5.4	14
10	Biotinylated magnetic nanoparticles for pretargeting: synthesis and characterization study. Cancer Nanotechnology, 2011, 2, 111-120.	3.7	14
11	Modified benzoxazolone derivative as 18 ^{kD} a ^{TSPO} ligand. Chemical Biology and Drug Design, 2017, 90, 511-519.	3.2	13
12	Synthesis, docking and preliminary in vivo evaluation of serotonin dithiocarbamate as novel SPECT neuroimaging agent. MedChemComm, 2013, 4, 1006.	3.4	9
13	Nucleolipids as building blocks for the synthesis of ^{99m} Tc-labeled nanoparticles functionalized with folic acid. New Journal of Chemistry, 2014, 38, 5240-5246.	2.8	9
14	Mapping neuroreceptors with metal-labeled radiopharmaceuticals. MedChemComm, 2017, 8, 855-870.	3.4	9
15	Evaluation of BBB permeable nucleolipid (NLDPU): A di-C15-ketalised palmitone appended uridine as neuro-tracer for SPECT. International Journal of Pharmaceutics, 2019, 565, 269-282.	5.2	9
16	Potential carriers of chemotherapeutic drugs: matrix based nanoparticulate polymeric systems. Cancer Nanotechnology, 2014, 5, 3.	3.7	7
17	Picolinic acid based acyclic bifunctional chelating agent and its methionine conjugate as potential SPECT imaging agents: syntheses and preclinical evaluation. RSC Advances, 2015, 5, 33963-33973.	3.6	7
18	Identification of potent cholecystokinin-B receptor antagonists: synthesis, molecular modeling and anti-cancer activity against pancreatic cancer cells. MedChemComm, 2017, 8, 1561-1574.	3.4	6

#	ARTICLE	IF	CITATIONS
19	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
20	Synthesis and Evaluation of a Fluorescent Non-Peptidic Cholecystokinin _B /Gastrin Receptor Specific Antagonist for Cancer Cell Imaging. <i>ChemBioChem</i> , 2012, 13, 282-292.	2.6	5
21	Evaluation of biotinylated magnetic nanoparticles for tumour imaging. <i>Journal of Materials Science</i> , 2013, 48, 3913-3925.	3.7	5
22	Design, synthesis and preliminary evaluation of a novel SPECT DTPA-bis-triazaspirodecanone conjugate for D ₂ receptor imaging. <i>RSC Advances</i> , 2014, 4, 50153-50162.	3.6	5
23	Radiosynthesis and pre-clinical evaluation of [Ga] labeled antimicrobial peptide fragment GF-17 as a potential infection imaging PET radiotracer. <i>Applied Radiation and Isotopes</i> , 2019, 149, 9-21.	1.5	5
24	Synthesis and preliminary evaluation of a ^{99m} Tc labelled deoxyglucose complex {[^{99m} Tc]DTPA-bis(DG)} as a potential SPECT based probe for tumor imaging. <i>New Journal of Chemistry</i> , 2020, 44, 3062-3071.	2.8	5
25	Design, synthesis and relaxation studies of triazole linked gadolinium(iii)-DO3A-BT-bistriazaspirodecanone as a potential MRI contrast agent. <i>New Journal of Chemistry</i> , 2016, 40, 5846-5854.	2.8	4
26	Synthesis and Preclinical Evaluation of Radioligand, ^{99m} Tc-DO3A-ET-PPAR for Imaging NRP-1 Specific Tumor. <i>ChemistrySelect</i> , 2019, 4, 12950-12954.	1.5	4
27	Microenvironment Stimulated Bioresponsive Small Molecule Carriers for Radiopharmaceuticals. <i>ACS Omega</i> , 2020, 5, 26297-26306.	3.5	4
28	The diagnostic performance of ^{99m} Tc-methionine single-photon emission tomography in grading glioma preoperatively: a comparison with histopathology and Ki-67 indices. <i>Nuclear Medicine Communications</i> , 2020, 41, 848-857.	1.1	4
29	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. <i>ACS Omega</i> , 2019, 4, 10044-10055.	3.5	3
30	[^{99m} Tc]-Bis-Methionine-DTPA Single-Photon Emission Computed Tomography Impacting Glioma Management: A Sensitive Indicator for Postsurgical/Chemoradiotherapy Response Assessment. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2021, 36, 568-578.	1.0	3
31	Insights of ligand binding in modeled h5-HT _{1A} receptor: homology modeling, docking, MM-GBSA, screening and molecular dynamics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11625-11637.	3.5	3
32	⁶⁸ Ga-Labeled bismacrocylic methylene phosphonate as potential bone seeking PET radiopharmaceutical. <i>Bioorganic Chemistry</i> , 2020, 104, 104185.	4.1	2
33	^{99m} Tc labeled macrocylic aza-oxa and aza-thia probes: synthesis, characterization and in vitro & in vivo biological studies. <i>Journal of Inclusion Phenomena and Macrocylic Chemistry</i> , 2015, 83, 299-307.	1.6	0