

Nikunj Bhatt

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

480
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Zirconium tetraazamacrocycle complexes display extraordinary stability and provide a new strategy for zirconium-89-based radiopharmaceutical development. <i>Chemical Science</i> , 2017, 8, 2309-2314.	7.4	87
2	Recent Advances in Zirconium-89 Chelator Development. <i>Molecules</i> , 2018, 23, 638.	3.8	84
3	Esterification of 1° and 2° alcohol using an ecofriendly solid acid catalyst comprising 12-tungstosilicic acid and hydrous zirconia. <i>Journal of Molecular Catalysis A</i> , 2005, 238, 223-228.	4.8	48
4	Immobilization of the Gas Signaling Molecule H ₂ S by Radioisotopes: Detection, Quantification, and In Vivo Imaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9365-9370.	13.8	33
5	Synthesis and Evaluation of New Generation Cross-Bridged Bifunctional Chelator for ⁶⁴ Cu Radiotracers. <i>Inorganic Chemistry</i> , 2015, 54, 8177-8186.	4.0	26
6	New Bifunctional Chelator for ⁶⁴ Cu-Immuno-Positron Emission Tomography. <i>Bioconjugate Chemistry</i> , 2013, 24, 1356-1366.	3.6	23
7	Non-Cross-Bridged Tetraazamacrocyclic Chelator for Stable ⁶⁴ Cu-Based Radiopharmaceuticals. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 927-931.	2.8	21
8	Imaging Strategy that Achieves Ultrahigh Contrast by Utilizing Differential Esterase Activity in Organs: Application in Early Detection of Pancreatic Cancer. <i>ACS Nano</i> , 2021, 15, 17348-17360.	14.6	21
9	Liquid phase cyclohexylation of phenol with cyclohexene using 12-tungstosilicic acid supported onto different supports. <i>Journal of Molecular Catalysis A</i> , 2007, 264, 214-219.	4.8	19
10	12-tungstophosphoric and 12-tungstosilicic acid supported onto hydrous zirconia for liquid phase tert-butylation of m-cresol. <i>Catalysis Letters</i> , 2007, 117, 146-152.	2.6	19
11	Propylene Cross-Bridged Macrocyclic Bifunctional Chelator: A New Design for Facile Bioconjugation and Robust ⁶⁴ Cu Complex Stability. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7234-7243.	6.4	19
12	High in Vivo Stability of ⁶⁴ Cu-Labeled Cross-Bridged Chelators Is a Crucial Factor in Improved Tumor Imaging of RGD Peptide Conjugates. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 385-395.	6.4	19
13	Liquid phase tert-butylation of cresols catalysed by 12-tungstophosphoric acid and 12-tungstosilicic acid supported onto neutral alumina. <i>Catalysis Letters</i> , 2007, 113, 99-103.	2.6	14
14	Fresh and calcined supported 12-tungstosilicic acid: Synthesis, characterization and application to some acid catalyzed reactions. <i>Journal of Molecular Catalysis A</i> , 2007, 275, 14-24.	4.8	13
15	Phosphonate Pendant Armed Propylene Cross-Bridged Cyclam: Synthesis and Evaluation as a Chelator for Cu-64. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1162-1166.	2.8	12
16	Granzyme B PET Imaging of the Innate Immune Response. <i>Molecules</i> , 2020, 25, 3102.	3.8	7
17	3D optical/CT as a preclinical companion imaging platform for glioblastoma drug development. <i>Drug Delivery</i> , 2020, 27, 1686-1694.	5.7	6
18	Nonaqueous isopropylation and sec-butylation of phenol over supported 12-tungstosilicic acid. <i>Kinetics and Catalysis</i> , 2009, 50, 401-406.	1.0	3

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19	Solvent-free liquid phase tert-butylation of m-cresol using a solid acid catalyst comprising H ₄ SiW ₁₂ O ₄₀ and neutral Al ₂ O ₃ . Reaction Kinetics and Catalysis Letters, 2008, 95, 281-288.	0.6	2
20	Immobilization of the Gas Signaling Molecule H ₂ S by Radioisotopes: Detection, Quantification, and In Vivo Imaging. Angewandte Chemie, 2016, 128, 9511-9516.	2.0	2
21	Multimodality molecular imaging of the alveolar-capillary barrier in lung disease using albumin based optical and PET tracers. Molecular Biomedicine, 2020, 1, 17.	4.4	2