Nikunj Bhatt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11080082/publications.pdf

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21	480	687363 13	713466 21
papers	citations	h-index	g-index

22	22	22	686
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imaging Strategy that Achieves Ultrahigh Contrast by Utilizing Differential Esterase Activity in Organs: Application in Early Detection of Pancreatic Cancer. ACS Nano, 2021, 15, 17348-17360.	14.6	21
2	Granzyme B PET Imaging of the Innate Immune Response. Molecules, 2020, 25, 3102.	3.8	7
3	3D optical/CT as a preclinical companion imaging platform for glioblastoma drug development. Drug Delivery, 2020, 27, 1686-1694.	5.7	6
4	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
5	High in Vivo Stability of ⁶⁴Cu-Labeled Cross-Bridged Chelators Is a Crucial Factor in Improved Tumor Imaging of RGD Peptide Conjugates. Journal of Medicinal Chemistry, 2018, 61, 385-395.	6.4	19
6	Recent Advances in Zirconium-89 Chelator Development. Molecules, 2018, 23, 638.	3.8	84
7	Zirconium tetraazamacrocycle complexes display extraordinary stability and provide a new strategy for zirconium-89-based radiopharmaceutical development. Chemical Science, 2017, 8, 2309-2314.	7.4	87
8	Immobilization of the Gas Signaling Molecule H₂S by Radioisotopes: Detection, Quantification, and In Vivo Imaging. Angewandte Chemie - International Edition, 2016, 55, 9365-9370.	13.8	33
9	Immobilization of the Gas Signaling Molecule H₂S by Radioisotopes: Detection, Quantification, and In Vivo Imaging. Angewandte Chemie, 2016, 128, 9511-9516.	2.0	2
10	Phosphonate Pendant Armed Propylene Cross-Bridged Cyclam: Synthesis and Evaluation as a Chelator for Cu-64. ACS Medicinal Chemistry Letters, 2015, 6, 1162-1166.	2.8	12
11	Synthesis and Evaluation of New Generation Cross-Bridged Bifunctional Chelator for ⁶⁴Cu Radiotracers. Inorganic Chemistry, 2015, 54, 8177-8186.	4.0	26
12	Propylene Cross-Bridged Macrocyclic Bifunctional Chelator: A New Design for Facile Bioconjugation and Robust ⁶⁴Cu Complex Stability. Journal of Medicinal Chemistry, 2014, 57, 7234-7243.	6.4	19
13	Non-Cross-Bridged Tetraazamacrocyclic Chelator for Stable ⁶⁴Cu-Based Radiopharmaceuticals. ACS Medicinal Chemistry Letters, 2013, 4, 927-931.	2.8	21
14	New Bifunctional Chelator for ⁶⁴Cu-Immuno-Positron Emission Tomography. Bioconjugate Chemistry, 2013, 24, 1356-1366.	3.6	23
15	Nonaqueous isopropylation and sec-butylation of phenol over supported 12-tungstosilicic acid. Kinetics and Catalysis, 2009, 50, 401-406.	1.0	3
16	Solvent-free liquid phase tert-butylation of m-cresol using a solid acid catalyst comprising H4SiW12O40 and neutral Al2O3. Reaction Kinetics and Catalysis Letters, 2008, 95, 281-288.	0.6	2
17	Liquid phase cyclohexylation of phenol with cyclohexene using 12-tungstosilicicacid supported onto different supports. Journal of Molecular Catalysis A, 2007, 264, 214-219.	4.8	19
18	Fresh and calcined supported 12-tungstosilicicacid: Synthesis, characterization and application to some acid catalyzed reactions. Journal of Molecular Catalysis A, 2007, 275, 14-24.	4.8	13

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19	Liquidphase tert-butylation of cresols catalysed by 12-tungstophosphoricacid and 12-tungstosilicicacid supported onto neutral alumina. Catalysis Letters, 2007, 113, 99-103.	2.6	14
20	12-tungstophosphoric and 12-tungstosilicicacid supported onto hydrous zirconia for liquid phase tert-butylation of m-cresol. Catalysis Letters, 2007, 117, 146-152.	2.6	19
21	Esterification of 1Â° and 2Â° alcohol using an ecofriendly solid acid catalyst comprising 12-tungstosilicic acid and hydrous zirconia. Journal of Molecular Catalysis A, 2005, 238, 223-228.	4.8	48