

N Vijaya Ganesh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10929269/publications.pdf>

Version: 2024-02-01

15
papers

637
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface area and pore size characteristics of nanoporous gold subjected to thermal, mechanical, or surface modification studied using gas adsorption isotherms, cyclic voltammetry, thermogravimetric analysis, and scanning electron microscopy. <i>Journal of Materials Chemistry</i> , 2012, 22, 6733.	6.7	213
2	HPLC-Assisted Automated Oligosaccharide Synthesis. <i>Organic Letters</i> , 2012, 14, 3036-3039.	4.6	85
3	Synthesis of Septanosides through an Oxyglycol Route. <i>Journal of Organic Chemistry</i> , 2007, 72, 5500-5504.	3.2	58
4	Characterization of protein immobilization on nanoporous gold using atomic force microscopy and scanning electron microscopy. <i>Nanoscale</i> , 2011, 3, 3395.	5.6	40
5	Molecular Recognition of <i>Brucella</i> A and M Antigens Dissected by Synthetic Oligosaccharide Glycoconjugates Leads to a Disaccharide Diagnostic for Brucellosis. <i>Journal of the American Chemical Society</i> , 2014, 136, 16260-16269.	13.7	39
6	Ring Expansion of Oxyglycols. Synthesis and Conformational Analysis of Septanoside-Containing Trisaccharides. <i>Journal of Organic Chemistry</i> , 2010, 75, 215-218.	3.2	38
7	Synthesis of Aryl, Glycosyl, and Azido Septanosides through Ring Expansion of 1,2-Cyclopropanated Sugars. <i>Journal of Organic Chemistry</i> , 2009, 74, 739-746.	3.2	37
8	Novel Solutions for Vaccines and Diagnostics To Combat Brucellosis. <i>ACS Central Science</i> , 2017, 3, 224-231.	11.3	32
9	Monoclonal Antibody-Defined Specific C Epitope of <i>Brucella</i> O-Polysaccharide Revisited. <i>Vaccine Journal</i> , 2015, 22, 979-982.	3.1	24
10	Improved Serodiagnosis of Bovine Brucellosis by Novel Synthetic Oligosaccharide Antigens Representing the Capping M Epitope Elements of <i>Brucella</i> O-Polysaccharide. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1204-1210.	3.9	22
11	Surface-Tethered Iterative Carbohydrate Synthesis: A Spacer Study. <i>Journal of Organic Chemistry</i> , 2013, 78, 6849-6857.	3.2	18
12	Lectin-carbohydrate interactions on nanoporous gold monoliths. <i>New Journal of Chemistry</i> , 2013, 37, 2150.	2.8	17
13	Synthetic glycoconjugates characterize the fine specificity of <i>Brucella</i> A and M monoclonal antibodies. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3874-3883.	2.8	8
14	HPLC-Based Automated Oligosaccharide Synthesis. , 2021, , 623-636.		3
15	The Tip of <i>Brucella</i> O-Polysaccharide Is a Potent Epitope in Response to Brucellosis Infection and Enables Short Synthetic Antigens to Be Superior Diagnostic Reagents. <i>Microorganisms</i> , 2022, 10, 708.	3.6	1