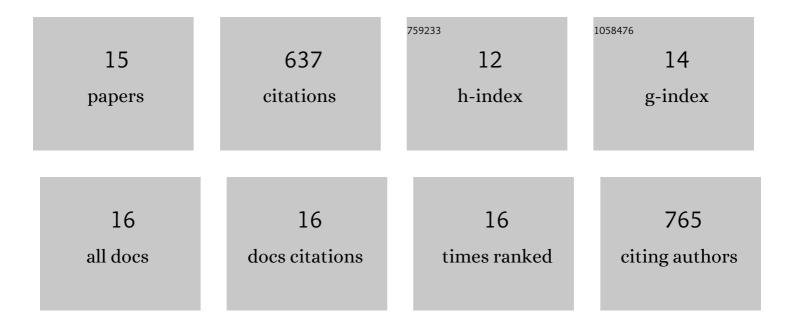
N Vijaya Ganesh

List of Publications by Year in descending order

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#	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. Journal of Materials Chemistry, 2012, 22, 6733.	6.7	213
2	HPLC-Assisted Automated Oligosaccharide Synthesis. Organic Letters, 2012, 14, 3036-3039.	4.6	85
3	Synthesis of Septanosides through an Oxyglycal Route. Journal of Organic Chemistry, 2007, 72, 5500-5504.	3.2	58
4	Characterization of protein immobilization on nanoporous gold using atomic force microscopy and scanning electron microscopy. Nanoscale, 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. Journal of the American Chemical Society, 2014, 136, 16260-16269.	13.7	39
6	Ring Expansion of Oxyglycals. Synthesis and Conformational Analysis of Septanoside-Containing Trisaccharides. Journal of Organic Chemistry, 2010, 75, 215-218.	3.2	38
7	Synthesis of Aryl, Glycosyl, and Azido Septanosides through Ring Expansion of 1,2-Cyclopropanated Sugars. Journal of Organic Chemistry, 2009, 74, 739-746.	3.2	37
8	Novel Solutions for Vaccines and Diagnostics To Combat Brucellosis. ACS Central Science, 2017, 3, 224-231.	11.3	32
9	Monoclonal Antibody-Defined Specific C Epitope of Brucella O-Polysaccharide Revisited. Vaccine Journal, 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 Brucella O-Polysaccharide. Journal of Clinical Microbiology, 2015, 53, 1204-1210.	3.9	22
11	Surface-Tethered Iterative Carbohydrate Synthesis: A Spacer Study. Journal of Organic Chemistry, 2013, 78, 6849-6857.	3.2	18
12	Lectin–carbohydrate interactions on nanoporous gold monoliths. New Journal of Chemistry, 2013, 37, 2150.	2.8	17
13	Synthetic glycoconjugates characterize the fine specificity of Brucella A and M monoclonal antibodies. Organic and Biomolecular Chemistry, 2017, 15, 3874-3883.	2.8	8
14	HPLC-Based Automated Oligosaccharide Synthesis. , 2021, , 623-636.		3
15	The Tip of Brucella O-Polysaccharide Is a Potent Epitope in Response to Brucellosis Infection and Enables Short Synthetic Antigens to Be Superior Diagnostic Reagents. Microorganisms, 2022, 10, 708.	3.6	1