

# Alireza Banazadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

530  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Isomeric Glycan Structures by Permethylation and Liquid Chromatography–Mass Spectrometry (LC-MS). <i>Methods in Molecular Biology</i> , 2021, 2271, 281-301.	0.9	1
2	Mesoporous Graphitized Carbon Column for Efficient Isomeric Separation of Permethylated Glycans. <i>Analytical Chemistry</i> , 2021, 93, 5061-5070.	6.5	20
3	Glucose unit index (GUI) of permethylated glycans for effective identification of glycans and glycan isomers. <i>Analyst</i> , The, 2020, 145, 6656-6667.	3.5	21
4	Characterization of glycan isomers using magnetic carbon nanoparticles as a MALDI co-matrix. <i>RSC Advances</i> , 2019, 9, 20137-20148.	3.6	13
5	Carbon quantum dots as nano-scaffolds for $\text{Ti/CQD}@Fe_2O_3$ growth: Preparation of $Ti/CQD@Fe_2O_3$ photoanode for water splitting under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 178-189.	20.2	62
6	Clinical application of quantitative glycomics. <i>Expert Review of Proteomics</i> , 2018, 15, 1007-1031.	3.0	40
7	Advances in mass spectrometry–based glycoproteomics. <i>Electrophoresis</i> , 2018, 39, 3104-3122.	2.4	75
8	Advances in mass spectrometry–based glycomics. <i>Electrophoresis</i> , 2018, 39, 3063-3081.	2.4	72
9	Magnetic carbon nanocomposites as a MALDI co-matrix enhancing MS-based glycomics. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7395-7404.	3.7	6
10	A carbon nanoparticles–based solid–phase purification method facilitating sensitive MALDI–MS analysis of permethylated $N$ -glycans. <i>Electrophoresis</i> , 2018, 39, 3087-3095.	2.4	12
11	Carbon Nanoparticles and Graphene Nanosheets as MALDI Matrices in Glycomics: a New Approach to Improve Glycan Profiling in Biological Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1892-1900.	2.8	30
12	Recent advances in mass spectrometric analysis of glycoproteins. <i>Electrophoresis</i> , 2017, 38, 162-189.	2.4	75
13	Effect of $RGO/ZnxCd_{1-x}S$ crystalline phase on solar photoactivation processes. <i>RSC Advances</i> , 2016, 6, 46282-46290.	3.6	8
14	Highly efficient degradation of hazardous dyes in aqueous phase by supported palladium nanocatalyst–A green approach. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2178-2186.	6.7	27
15	Novel synthesis and characterization of $Fe_3O_4@silica$ –palladium nanocatalyst: A highly active and reusable heterogeneous catalyst for Heck cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2015, 429, 132-137.	2.4	27
16	Facile synthesis of cysteine functionalized magnetic graphene oxide nanosheets: Application in solid phase extraction of cadmium from environmental sample. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2801-2808.	6.7	25
17	Synthesis of palladium nanoparticles on organically modified silica: Application to design of a solid-state electrochemiluminescence sensor for highly sensitive determination of imipramine. <i>Analytica Chimica Acta</i> , 2013, 796, 115-121.	5.4	16