

# 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	Recent advances in mass spectrometric analysis of glycoproteins. <i>Electrophoresis</i> , 2017, 38, 162-189.	2.4	75
2	Advances in mass spectrometry-based glycoproteomics. <i>Electrophoresis</i> , 2018, 39, 3104-3122.	2.4	75
3	Advances in mass spectrometry-based glycomics. <i>Electrophoresis</i> , 2018, 39, 3063-3081.	2.4	72
4	Carbon quantum dots as nano-scaffolds for $\text{Fe}_2\text{O}_3$ growth: Preparation of $\text{Ti/CQD@Fe}_2\text{O}_3$ photoanode for water splitting under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 178-189.	20.2	62
5	Clinical application of quantitative glycomics. <i>Expert Review of Proteomics</i> , 2018, 15, 1007-1031.	3.0	40
6	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
7	Novel synthesis and characterization of $\text{Fe}_3\text{O}_4@silica$ 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
8	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
9	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
10	Glucose unit index (GUI) of permethylated glycans for effective identification of glycans and glycan isomers. <i>Analyst</i> , 2020, 145, 6656-6667.	3.5	21
11	Mesoporous Graphitized Carbon Column for Efficient Isomeric Separation of Permethylated Glycans. <i>Analytical Chemistry</i> , 2021, 93, 5061-5070.	6.5	20
12	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
13	Characterization of glycan isomers using magnetic carbon nanoparticles as a MALDI co-matrix. <i>RSC Advances</i> , 2019, 9, 20137-20148.	3.6	13
14	A carbon nanoparticles-based solid-phase purification method facilitating sensitive MALDI-MS analysis of permethylated <i>N</i> -glycans. <i>Electrophoresis</i> , 2018, 39, 3087-3095.	2.4	12
15	Effect of RGO/ZnxCd1-xS crystalline phase on solar photoactivation processes. <i>RSC Advances</i> , 2016, 6, 46282-46290.	3.6	8
16	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
17	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