

# Sherif Ramadan

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

466  
citations

623574

14  
h-index

713332

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23  
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docs citations

23  
times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. <i>Journal of the American Chemical Society</i> , 2018, 140, 16596-16609.	6.6	68
2	Effective atherosclerotic plaque inflammation inhibition with targeted drug delivery by hyaluronan conjugated atorvastatin nanoparticles. <i>Nanoscale</i> , 2020, 12, 9541-9556.	2.8	49
3	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. <i>ACS Chemical Biology</i> , 2019, 14, 2176-2184.	1.6	46
4	Detection of $\beta$ -Amyloid by Sialic Acid Coated Bovine Serum Albumin Magnetic Nanoparticles in a Mouse Model of Alzheimer's Disease. <i>Small</i> , 2018, 14, 1701828.	5.2	38
5	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage Q $\beta$ , and the Induction of Anticancer Antibodies. <i>ChemBioChem</i> , 2016, 17, 174-180.	1.3	35
6	Pre-Activation-Based Stereoselective Glycosylations. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1075-1096.	1.2	34
7	Preactivation-based chemoselective glycosylations: A powerful strategy for oligosaccharide assembly. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2094-2114.	1.3	26
8	Chemoenzymatic Synthesis of 9NHAc-GD2 Antigen to Overcome the Hydrolytic Instability of <i>O</i> -Acetylated-GD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24179-24188.	7.2	21
9	Synthetic standard aided quantification and structural characterization of amyloid-beta glycopeptides enriched from cerebrospinal fluid of Alzheimer's disease patients. <i>Scientific Reports</i> , 2019, 9, 5522.	1.6	20
10	Synthesis of Chondroitin Sulfate A Bearing Syndecan-1 Glycopeptide. <i>Organic Letters</i> , 2017, 19, 4838-4841.	2.4	18
11	Chemical synthesis of human syndecan-4 glycopeptide bearing <i>O</i> -, <i>N</i> -sulfation and multiple aspartic acids for probing impacts of the glycan chain and the core peptide on biological functions. <i>Chemical Science</i> , 2020, 11, 6393-6404.	3.7	18
12	Chemical Synthesis and Anti-Inflammatory Activity of Bikunin Associated Chondroitin Sulfate 24-mer. <i>ACS Central Science</i> , 2020, 6, 913-920.	5.3	18
13	Synthesis and immunological evaluation of the unnatural $\beta$ -linked mucin-1 Thomsen-Friedenreich conjugate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2448-2455.	1.5	17
14	Chemoenzymatic synthesis of glycopeptides bearing rare <i>N</i> -glycan sequences with or without bisecting GlcNAc. <i>Chemical Science</i> , 2018, 9, 8194-8206.	3.7	16
15	Long-Range Stereodirecting Participation across a Glycosidic Linkage in Glycosylation Reactions. <i>Organic Letters</i> , 2021, 23, 1153-1156.	2.4	10
16	Structure Guided Design of Bacteriophage Q $\beta$ Mutants as Next Generation Carriers for Conjugate Vaccines. <i>ACS Chemical Biology</i> , 2022, 17, 3047-3058.	1.6	10
17	Automated solid phase assisted synthesis of a heparan sulfate disaccharide library. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2910-2920.	2.3	8
18	Synthesis of <i>O</i> -Sulfated Human Syndecan-1-like Glyco-polypeptides by Incorporating Peptide Ligation and <i>O</i> -Sulfated Glycopeptide Cassette Strategies. <i>Organic Letters</i> , 2020, 22, 6429-6433.	2.4	6

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19	Homoserine as an Aspartic Acid Precursor for Synthesis of Proteoglycan Glycopeptide Containing Aspartic Acid and a Sulfated Glycan Chain. <i>Journal of Organic Chemistry</i> , 2016, 81, 12052-12059.	1.7	3
20	Chemoenzymatic Synthesis of 9NHAc-CD2 Antigen to Overcome the Hydrolytic Instability of O-Acetylated-CD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie</i> , 2021, 133, 24381.	1.6	2
21	Synthesis of Chondroitin Sulfate Oligosaccharides and Chondroitin Sulfate Glycopeptides. <i>Chemical Biology</i> , 2019, , 172-206.	0.1	2
22	Towards Synthesis of Heparan Sulfate Glycopeptides and Proteoglycans. <i>Chemical Biology</i> , 2017, , 209-232.	0.1	1