

Ahmed Hussein

List of Publications by Year in descending order

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39
papers

1,267
citations

430874

18
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361022

35
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43
all docs

43
docs citations

43
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Guided Engineering of a Family IV Cold-Adapted Esterase Expands Its Substrate Range. International Journal of Molecular Sciences, 2022, 23, 4703.	4.1	2
2	Cytotoxic and antimicrobial activities of two new sesquiterpenoids from red sea brittle star <i>Ophiocoma dentata</i> . Scientific Reports, 2022, 12, 8209.	3.3	5
3	Determination of Isomeric Glycan Structures by Permethylation and Liquid Chromatography–Mass Spectrometry (LC-MS). Methods in Molecular Biology, 2021, 2271, 281-301.	0.9	1
4	Structure and <i>in silico</i> simulations of a cold-active esterase reveals its prime cold-adaptation mechanism. Open Biology, 2021, 11, 210182.	3.6	10
5	Novel Formula as Mosquito Larvicide. , 2021, 11, .		0
6	Recombinant cold -adapted halotolerant, organic solvent-stable esterase (estHII) from <i>Bacillus halodurans</i> . Analytical Biochemistry, 2020, 591, 113554.	2.4	18
7	Prodigiosin/PU-H71 as a novel potential combined therapy for triple negative breast cancer (TNBC): preclinical insights. Scientific Reports, 2020, 10, 14706.	3.3	36
8	Antibacterial activity of <i>Centaurea pumilio</i> L. root and aerial part extracts against some multidrug resistant bacteria. BMC Complementary Medicine and Therapies, 2020, 20, 79.	2.7	28
9	Highly efficient <i>Pyrococcus furiosus</i> recombinant L-asparaginase with no glutaminase activity: Expression, purification, functional characterization, and cytotoxicity on THP-1, A549 and Caco-2 cell lines. International Journal of Biological Macromolecules, 2020, 156, 812-828.	7.5	33
10	Characterization of glycan isomers using magnetic carbon nanoparticles as a MALDI co-matrix. RSC Advances, 2019, 9, 20137-20148.	3.6	13
11	The Arabian camel, <i>Camelus dromedarius</i> interferon epsilon: Functional expression, <i>in vitro</i> refolding, purification and cytotoxicity on breast cancer cell lines. PLoS ONE, 2019, 14, e0213880.	2.5	4
12	Biosynthesis of chitosan-Oligosaccharides (COS) by non-aflatoxigenic <i>Aspergillus</i> sp. strain EGY1 DSM 101520: A robust biotechnological approach. Process Biochemistry, 2018, 64, 16-30.	3.7	13
13	Molecular cloning, structural modeling and production of recombinant <i>Aspergillus terreus</i> l. asparaginase in <i>Escherichia coli</i> . International Journal of Biological Macromolecules, 2018, 106, 1041-1051.	7.5	43
14	Statistically optimized ceftriaxone sodium biotransformation through <i>Achromobacter xylooxidans</i> strain Cef6: an unusual insight for bioremediation. Journal of Basic Microbiology, 2018, 58, 120-130.	3.3	11
15	<i>Monascus orange</i> and red pigments production by <i>Monascus purpureus</i> ATCC16436 through co-solid state fermentation of corn cob and glycerol: An eco-friendly environmental low cost approach. PLoS ONE, 2018, 13, e0207755.	2.5	47
16	Cloning, expression and characterization of cold active esterase (EstN7) from <i>Bacillus cohnii</i> strain N1: A novel member of family IV. International Journal of Biological Macromolecules, 2018, 120, 1247-1255.	7.5	24
17	Glycoproteins Enrichment and LC-MS/MS Glycoproteomics in Central Nervous System Applications. Methods in Molecular Biology, 2017, 1598, 213-227.	0.9	9
18	The novel oleaginous bacterium <i>Sphingomonas</i> sp. EGY1 DSM 29616: a value added platform for renewable biodiesel. World Journal of Microbiology and Biotechnology, 2017, 33, 145.	3.6	0

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19	A Novel Non-Cumbersome Approach Towards Biosynthesis of Pectic-Oligosaccharides by Non-Aflatoxigenic <i>Aspergillus</i> sp. Section Flavi Strain EGY1 DSM 101520 through Citrus Pectin Fermentation. PLoS ONE, 2016, 11, e0167981.	2.5	9
20	SHG10 keratinolytic alkaline protease from <i>Bacillus licheniformis</i> SHG10 DSM 28096: Robust stability and unusual non-cumbersome purification. Journal of Basic Microbiology, 2016, 56, 1317-1330.	3.3	3
21	Unusual non-fluorescent broad spectrum siderophore activity (SID EGYII) by <i>Pseudomonas aeruginosa</i> strain EGYII DSM 101801 and a new insight towards simple siderophore bioassay. AMB Express, 2016, 6, 26.	3.0	3
22	Characterization of the Glycosylation Site of Human PSA Prompted by Missense Mutation using LC-MS/MS. Journal of Proteome Research, 2015, 14, 2872-2883.	3.7	19
23	Evaluation the Surface Antigen of the <i>Salmonella typhimurium</i> ATCC 14028 Ghosts Prepared by α -SLRP. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	11
24	A Sequential Statistical Approach towards an Optimized Production of a Broad Spectrum Bacteriocin Substance from a Soil Bacterium <i>Bacillus</i> sp. YAS 1 Strain. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	14
25	Quantitative Glycomics Strategies. Molecular and Cellular Proteomics, 2013, 12, 874-884.	3.8	86
26	N-linked Glycan Structures and Their Expressions Change in the Blood Sera of Ovarian Cancer Patients. Journal of Proteome Research, 2012, 11, 2282-2300.	3.7	174
27	Defining putative glycan cancer biomarkers by MS. Bioanalysis, 2012, 4, 2457-2469.	1.5	58
28	Identifying cancer biomarkers by mass spectrometry-based glycomics. Electrophoresis, 2012, 33, 1755-1767.	2.4	124
29	Effects of Caffeine on Oxidant-Antioxidant Mechanisms in the Rat Liver. Gazi Medical Journal, 2012, 23, 13-18.	0.0	7
30	Microchip electrophoresis of N-glycans on serpentine separation channels with asymmetrically tapered turns. Electrophoresis, 2011, 32, 246-253.	2.4	34
31	Enhanced sensitivity of LC-MS analysis of permethylated N-glycans through online purification. Electrophoresis, 2011, 32, 3516-3525.	2.4	60
32	Comparative glycomic profiling in esophageal adenocarcinoma. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1216-1223.	0.8	15
33	Assigning N-Glycosylation Sites of Glycoproteins Using LC/MSMS in Conjunction with Endo-M/Exoglycosidase Mixture. Journal of Proteome Research, 2010, 9, 3598-3607.	3.7	48
34	Quantitative Serum Glycomics of Esophageal Adenocarcinoma and Other Esophageal Disease Onsets. Journal of Proteome Research, 2009, 8, 2656-2666.	3.7	71
35	Microextraction of bacterial lipid A: easy and rapid method for mass spectrometric characterization. Journal of Lipid Research, 2005, 46, 1773-1778.	4.2	149
36	Physicochemical characterization of the endotoxins from <i>Coxiella burnetii</i> strain Priscilla in relation to their bioactivities. BMC Biochemistry, 2004, 5, 1.	4.4	50

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37	Studies on the Immunological Role of Virenose and Dihydrohydroxystreptose Present in the <i>Coxiella burnetii</i> Phase I Lipopolysaccharide. Annals of the New York Academy of Sciences, 2003, 990, 505-509.	3.8	8
38	Structural Properties of Lipopolysaccharides from <i>Coxiella burnetii</i> Strains Henzerling and S. Annals of the New York Academy of Sciences, 2003, 990, 563-567.	3.8	19
39	Structural analyses of the lipopolysaccharides from <i>Chlamydophila psittaci</i> strain 6BC and <i>Chlamydophila pneumoniae</i> strain Kajaani 6. Carbohydrate Research, 2001, 336, 213-223.	2.3	5