Abu-Baker M Abdel-Aal

List of Publications by Year
in descending order

20 papers	490 citations	687335 13 h-index	794568 19 g-index
20 all docs	20 docs citations	20 times ranked	530 citing authors

#	Article	IF	Citations
1	Structureâ€“Activity Relationship of a Series of Synthetic Lipopeptide Self-Adjuvanting Group A Streptococcal Vaccine Candidates. Journal of Medicinal Chemistry, 2008, 51, 167-172.	6.4	65
2	Immune and Anticancer Responses Elicited by Fully Synthetic Aberrantly Glycosylated MUC1 Tripartite Vaccines Modified by a TLR2 or TLR9 Agonist. ChemBioChem, 2014, 15, 1508-1513.	2.6	60
3	Immunological Evaluation of Lipopeptide Group A Streptococcus (GAS) Vaccine: Structure-Activity Relationship. PLoS ONE, 2012, 7, e30146.	2.5	46
4	Structureâ€“activity relationship of lipopeptide Group A streptococcus (GAS) vaccine candidates on toll-like receptor 2. Vaccine, 2010, 28, 2243-2248.	3.8	43
5	Structureâ€“Activity Relationship for the Development of a Self-Adjuvanting Mucosally Active Lipopeptide Vaccine against Streptococcus pyogenes. Journal of Medicinal Chemistry, 2012, 55, 8515-8523.	6.4	40
6	Design of Fully Synthetic, Self-Adjuvanting Vaccine Incorporating the Tumor-Associated Carbohydrate Tn Antigen and Lipoamino Acid-Based Toll-like Receptor 2 Ligand. Journal of Medicinal Chemistry, 2012, 55, 6968-6974.	6.4	35
7	Development of a Liposaccharide-Based Delivery System and Its Application to the Design of Group A Streptococcal Vaccines. Journal of Medicinal Chemistry, 2008, 51, 1447-1452.	6.4	34
8	Design of Three-Component Vaccines against Group A Streptococcal Infections: Importance of Spatial Arrangement of Vaccine Components. Journal of Medicinal Chemistry, 2010, 53, 8041-8046.	6.4	32
9	A backbone amide protecting group for overcoming difficult sequences and suppressing aspartimide formation. Journal of Peptide Science, 2016, 22, 360-367.	1.4	29
10	Simple synthetic toll-like receptor 2 ligands. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5863-5865.	2.2	23
11	Automated synthesis of backbone protected peptides. Chemical Communications, 2014, 50, 8316-8319.	4.1	22
12	Synthesis and in vivo studies of carbohydrateâ€based vaccines against group A Streptococcus. Biopolymers, 2008, 90, 611-616.	2.4	17
13	Synthesis and immunological evaluation of self-adjuvanting glycolipopeptide vaccine candidates. Bioorganic and Medicinal Chemistry, 2008, 16, 8907-8913.	3.0	17
14	Design and optimization of PEGylated silver nanoparticles for efficient delivery of doxorubicin to cancer cells. Journal of Drug Delivery Science and Technology, 2022, 71, 103347.	3.0	10
15	Auxiliary-assisted chemical ubiquitylation of NEMO and linear extension by HOIP. Communications Chemistry, 2019, 2, 111.	4.5	7
16	CK2 inhibition, lipophilicity and anticancer activity of new N¹versus N²-substituted tetrabromobenzotriazole regioisomers. New Journal of Chemistry, 2020, 44, 13007-13017.	2.8	5
17	Ketorolac-fluconazole: A New Combination Reverting Resistance in Candida albicans from Acute Myeloid Leukemia Patients on Induction Chemotherapy: In vitro Study. Journal of Blood Medicine, 2021, Volume 12, 465-474.	1.7	3
18	Solvent-Free N-Formylation: An Experimental Application of Basic Concepts and Techniques of Organic Chemistry. Journal of Chemical Education, 2020, 97, 1134-1138.	2.3	1

#	Article	IF	Citations
19	Synthesis of Amide Backbone-Modified Peptides. Methods in Molecular Biology, 2020, 2103, 225-237.	0.9	1
20	Vaccine delivery utilizing liposaccharides. Advances in Experimental Medicine and Biology, 2009, 611, 345-346.	1.6	0