

Sameh Soror

List of Publications by Year in descending order

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35
papers

761
citations

516710

16
h-index

552781

26
g-index

38
all docs

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docs citations

38
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the N-Terminal β -Sheet Conversion in the Crystal Structure of the Human Prion Protein Bound to a Nanobody. <i>Journal of the American Chemical Society</i> , 2014, 136, 937-944.	13.7	97
2	A llama-derived gelsolin single-domain antibody blocks gelsolin- α -actin interaction. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1519-1535.	5.4	75
3	Ethionamide Boosters. 2. Combining Bioisosteric Replacement and Structure-Based Drug Design To Solve Pharmacokinetic Issues in a Series of Potent 1,2,4-Oxadiazole EthR Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 68-83.	6.4	69
4	Ligand Efficiency Driven Design of New Inhibitors of <i>Mycobacterium tuberculosis</i> Transcriptional Repressor EthR Using Fragment Growing, Merging, and Linking Approaches. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4876-4888.	6.4	59
5	Histone H3K27M Mutation Overrides Histological Grading in Pediatric Gliomas. <i>Scientific Reports</i> , 2020, 10, 8368.	3.3	48
6	Discovery, Structure-Activity Relationship, and Binding Mode of an Imidazo[1,2- <i>a</i>]pyridine Series of Autotaxin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7371-7392.	6.4	45
7	Elevated Expression of MiR-17 in Microglia of Alzheimer's Disease Patients Abrogates Autophagy-Mediated Amyloid- β Degradation. <i>Frontiers in Immunology</i> , 2021, 12, 705581.	4.8	34
8	Structural activation of the transcriptional repressor EthR from <i>Mycobacterium tuberculosis</i> by single amino acid change mimicking natural and synthetic ligands. <i>Nucleic Acids Research</i> , 2012, 40, 3018-3030.	14.5	28
9	A novel expression system for production of soluble prion proteins in <i>E. coli</i> . <i>Microbial Cell Factories</i> , 2012, 11, 6.	4.0	22
10	Structural evidence for the critical role of the prion protein hydrophobic region in forming an infectious prion. <i>PLoS Pathogens</i> , 2019, 15, e1008139.	4.7	22
11	Design, synthesis, assessment, and molecular docking of novel pyrrolopyrimidine (7-deazapurine) derivatives as non-nucleoside hepatitis C virus NS5B polymerase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2146-2157.	3.0	21
12	Gasdermin D restricts <i>Burkholderia cenocepacia</i> infection in vitro and in vivo. <i>Scientific Reports</i> , 2021, 11, 855.	3.3	21
13	A cold-active esterase of <i>Streptomyces coelicolor</i> A3(2): from genome sequence to enzyme activity. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 525-531.	3.0	20
14	Novel Antiviral Compounds against Gastroenteric Viral Infections. <i>Archiv Der Pharmazie</i> , 2015, 348, 194-205.	4.1	20
15	Role of Diosmin in protection against the oxidative stress induced damage by gamma-radiation in Wistar albino rats. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 113, 104622.	2.7	19
16	Combining in-situ proteolysis and microseed matrix screening to promote crystallization of PrPc-nanobody complexes. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 737-741.	2.1	17
17	Expression, Purification, Characterization, and Solution Nuclear Magnetic Resonance Study of Highly Deuterated Yeast Cytochrome <i>c</i> Peroxidase with Enhanced Solubility. <i>Biochemistry</i> , 2013, 52, 2165-2175.	2.5	16
18	High-resolution structure of a papaya plant-defence barwin-like protein solved by in-house sulfur-SAD phasing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2017-2026.	2.5	16

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19	Mining the genome sequence for novel enzyme activity: characterisation of an unusual member of the hormone-sensitive lipase family of esterases from the genome of <i>Streptomyces coelicolor</i> A3 (2). <i>Protein Engineering, Design and Selection</i> , 2009, 22, 333-339.	2.1	14
20	Inflammasome Genes™ Polymorphisms in Egyptian Chronic Hepatitis C Patients: Influence on Vulnerability to Infection and Response to Treatment. <i>Mediators of Inflammation</i> , 2019, 2019, 1-12.	3.0	12
21	A comprehensive analysis of the protein-ligand interactions in crystal structures of <i>Mycobacterium tuberculosis</i> EthR. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 248-258.	2.3	11
22	Revealing the Potential Application of EC-Synthetic Retinoid Analogues in Anticancer Therapy. <i>Molecules</i> , 2021, 26, 506.	3.8	11
23	Impedimetric Sensors for Cyclocreatine Phosphate Determination in Plasma Based on Electropolymerized Poly(<i>o</i> -phenylenediamine) Molecularly Imprinted Polymers. <i>ACS Omega</i> , 2021, 6, 31282-31291.	3.5	10
24	The influence of SLC22A1 rs622342 and ABCC8 rs757110 genetic variants on the efficacy of metformin and glimepiride combination therapy in Egyptian patients with type 2 diabetes. <i>Journal of Drug Assessment</i> , 2019, 8, 115-121.	2.2	9
25	Crystallization and preliminary X-ray diffraction analysis of a specific VHH domain against mouse prion protein. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1644-1646.	0.7	8
26	Restoring NK cells functionality via cytokine activation enhances cetuximab-mediated NK-cell ADCC: A promising therapeutic tool for HCC patients. <i>Molecular Immunology</i> , 2021, 137, 221-227.	2.2	6
27	1H-Imidazole-2,5-Dicarboxamides as NS4A Peptidomimetics: Identification of a New Approach to Inhibit HCV-NS3 Protease. <i>Biomolecules</i> , 2020, 10, 479.	4.0	5
28	Chitinase 3-like 1, Toll-like protein 1, and intergenic gene polymorphisms are predictors for hepatocellular carcinoma development after hepatitis C virus eradication by direct-acting antivirals. <i>IUBMB Life</i> , 2021, 73, 474-482.	3.4	5
29	Funding for health policy and systems research in the Eastern Mediterranean region: amount, source and key determinants. <i>Public Health Research and Practice</i> , 2021, 31, .	1.5	5
30	Evaluation of novel pyrrolopyrimidine derivatives as antiviral against gastroenteric viral infections. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 102-114.	4.0	4
31	Synthetic bulky NS4A peptide variants bind to and inhibit HCV NS3 protease. <i>Journal of Advanced Research</i> , 2020, 24, 251-259.	9.5	3
32	High dose methotrexate in adult Egyptian patients with hematological malignancies: impact of ABCB1 3435C>>T rs1045642 and MTHFR 677C>>T rs1801133 polymorphisms on toxicities and delayed elimination. <i>Journal of Chemotherapy</i> , 2022, 34, 381-390.	2.4	3
33	Targeting NUPR1 for Cancer Treatment: A Risky Endeavor. <i>Current Cancer Drug Targets</i> , 2020, 20, 768-778.	1.6	2
34	Crystallization and preliminary X-ray diffraction analysis of kanamycin-binding β -lactamase in complex with its ligand. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 703-706.	0.7	1
35	Interrupted crosstalk between natural killer cells and anti-epidermal growth factor receptor: a possible role in hepatocellular carcinoma treatment failure. <i>Current Cancer Drug Targets</i> , 2021, 21, 601-607.	1.6	0