

Aymen S Yassin

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,340
citations

361296

20
h-index

360920

35
g-index

41
all docs

41
docs citations

41
times ranked

1848
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosomal peptidyl transferase can withstand mutations at the putative catalytic nucleotide. <i>Nature</i> , 2001, 411, 498-501.	13.7	185
2	Laccase production by <i>Pleurotus ostreatus</i> and its application in synthesis of gold nanoparticles. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 5, 31-39.	2.1	157
3	Monolithic microfluidic mixing "spraying devices for time-resolved cryo-electron microscopy. <i>Journal of Structural Biology</i> , 2009, 168, 388-395.	1.3	77
4	Deleterious mutations in small subunit ribosomal RNA identify functional sites and potential targets for antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16620-16625.	3.3	76
5	Optimization of prodigiosin production by <i>Serratia marcescens</i> using crude glycerol and enhancing production using gamma radiation. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 14, 47-53.	2.1	76
6	Biofilm formation in enterococci: genotype-phenotype correlations and inhibition by vancomycin. <i>Scientific Reports</i> , 2017, 7, 5733.	1.6	69
7	Viral etiologies of lower respiratory tract infections among Egyptian children under five years of age. <i>BMC Infectious Diseases</i> , 2012, 12, 350.	1.3	60
8	<i>Acinetobacter baumannii</i> universal stress protein A plays a pivotal role in stress response and is essential for pneumonia and sepsis pathogenesis. <i>International Journal of Medical Microbiology</i> , 2015, 305, 114-123.	1.5	52
9	Insertion domain within mammalian mitochondrial translation initiation factor 2 serves the role of eubacterial initiation factor 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3918-3923.	3.3	51
10	Optimization of rhamnolipid production by biodegrading bacterial isolates using Plackett "Burman design. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 573-579.	3.6	51
11	Utilization of Crude Glycerol as a Substrate for the Production of Rhamnolipid by <i>Pseudomonas aeruginosa</i> . <i>Biotechnology Research International</i> , 2016, 2016, 1-9.	1.4	47
12	Initial bridges between two ribosomal subunits are formed within 9.4 milliseconds, as studied by time-resolved cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9822-9827.	3.3	40
13	Fluoroquinolone resistant mechanisms in methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates in Cairo, Egypt. <i>Journal of Infection in Developing Countries</i> , 2013, 7, 796-803.	0.5	37
14	Potential New Antibiotic Sites in the Ribosome Revealed by Deleterious Mutations in RNA of the Large Ribosomal Subunit. <i>Journal of Biological Chemistry</i> , 2007, 282, 24329-24342.	1.6	36
15	Comparative Genome-Scale Metabolic Modeling of Metallo-Beta-Lactamase "Producing Multidrug-Resistant <i>Klebsiella pneumoniae</i> Clinical Isolates. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 161.	1.8	33
16	Structure-Activity Relationships of Antimicrobial Gallic Acid Derivatives from Pomegranate and Acacia Fruit Extracts against Potato Bacterial Wilt Pathogen. <i>Chemistry and Biodiversity</i> , 2015, 12, 955-962.	1.0	28
17	A novel protocol for bacterial ghosts " preparation using tween 80. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 232-237.	1.2	27
18	Gas-assisted annular microsprinter for sample preparation for time-resolved cryo-electron microscopy. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 115001.	1.5	26

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19	Chlorhexidine leads to the evolution of antibiotic-resistant <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2349-2361.	1.3	25
20	Draft Genome Sequences of Four Metallo-Beta-Lactamase-Producing Multidrug-Resistant <i>Klebsiella pneumoniae</i> Clinical Isolates, Including Two Colistin-Resistant Strains, from Cairo, Egypt. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	23
21	Digging Deeper into Precision/Personalized Medicine: Cracking the Sugar Code, the Third Alphabet of Life, and Sociomateriality of the Cell. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 62-80.	1.0	21
22	The secretome of <i>Acinetobacter baumannii</i> ATCC 17978 type II secretion system reveals a novel plasmid encoded phospholipase that could be implicated in lung colonization. <i>International Journal of Medical Microbiology</i> , 2016, 306, 633-641.	1.5	18
23	A molecular investigative approach to an outbreak of acute hemorrhagic conjunctivitis in Egypt, October 2010. <i>Virology Journal</i> , 2013, 10, 96.	1.4	17
24	Phenotype-Genotype Characterization and Antibiotic-Resistance Correlations Among Colonizing and Infectious Methicillin-Resistant <i>Staphylococcus aureus</i> Recovered from Intensive Care Units. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 1557-1571.	1.1	15
25	Salmonella-innovative targeting carrier: Loading with doxorubicin for cancer treatment. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1253-1262.	1.2	11
26	Detection, Characterization, and Molecular Typing of Human <i>Mycoplasma</i> spp. from Major Hospitals in Cairo, Egypt. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	10
27	High-throughput molecular identification of <i>Staphylococcus</i> spp. isolated from a clean room facility in an environmental monitoring program. <i>BMC Research Notes</i> , 2010, 3, 278.	0.6	9
28	The Nile River Microbiome Reveals a Remarkably Stable Community Between Wet and Dry Seasons, and Sampling Sites, in a Large Urban Metropolis (Cairo, Egypt). <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 553-564.	1.0	8
29	Structure and function of organellar ribosomes as revealed by cryo-EM. , 2011, , 83-96.		8
30	Emergence of Neoteric Serotypes Among Multidrug Resistant Strains of <i>Streptococcus pneumoniae</i> Prevalent in Egypt. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e30708.	0.2	7
31	The Application of Uniplex, Duplex, and Multiplex PCR for the Absence of Specified Microorganism Testing of Pharmaceutical Excipients and Drug Products. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2012, 66, 307-317.	0.3	6
32	An Efficient Method for Endotoxin Removal from Snake Antivenoms. <i>Chromatographia</i> , 2020, 83, 779-787.	0.7	5
33	Spatiotemporal Analysis of the Water and Sediment Nile Microbial Community Along an Urban Metropolis. <i>Microbial Ecology</i> , 2021, 82, 288-298.	1.4	5
34	Computational Exploration of Structural Hypotheses for an Additional Sequence in a Mammalian Mitochondrial Protein. <i>PLoS ONE</i> , 2011, 6, e21871.	1.1	5
35	Detection of AmpC beta-lactamases using sodium salicylate. <i>Journal of Microbiological Methods</i> , 2012, 91, 354-357.	0.7	4
36	A Validation Study of the <i>Limulus</i> Amebocyte Lysate Test as an End-Product Endotoxin Test for Polyvalent Horse Snake Antivenom. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2019, 73, 562-571.	0.3	4

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37	Immunological characterization of the chemically prepared ghosts of Salmonella Typhimurium as a vaccine candidate. BMC Veterinary Research, 2022, 18, 72.	0.7	4
38	Development and evaluation of a novel vaccine against prevalent invasive multi-drug resistant strains of <i>Streptococcus pneumoniae</i> . PeerJ, 2016, 4, e2737.	0.9	3
39	Draft genome sequence of a prodigiosin-hyperproducing <i>Serratia marcescens</i> strain isolated from Cairo, Egypt. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	2
40	Association of Polymorphism in Survivin Gene and the Risk of Liver Cancer Resulting from Hepatitis C Virus Among Egyptian Patients. Current Cancer Drug Targets, 2021, 21, 536-543.	0.8	2
41	Quality Control Testing for Tracking Endotoxin-Producing Gram-Negative Bacteria during the Preparation of Polyvalent Snake Antivenom Immunoglobulin. PDA Journal of Pharmaceutical Science and Technology, 2015, 69, 499-510.	0.3	0