

Mohamed H Al-Agamy

List of Publications by Year in descending order

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68
papers

1,761
citations

201385

27
h-index

301761

39
g-index

72
all docs

72
docs citations

72
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular characterization of carbapenem-insensitive <i>Acinetobacter baumannii</i> in Egypt. <i>International Journal of Infectious Diseases</i> , 2014, 22, 49-54.	1.5	99
2	The emergence of OXA-48- and NDM-1-positive <i>Klebsiella pneumoniae</i> in Riyadh, Saudi Arabia. <i>International Journal of Infectious Diseases</i> , 2013, 17, e1130-e1133.	1.5	95
3	Prevalence and molecular characterization of extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> in Riyadh, Saudi Arabia. <i>Annals of Saudi Medicine</i> , 2009, 29, 253-257.	0.5	83
4	Emergence of colistin resistance in multidrug-resistant <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> strains isolated from cancer patients. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019, 18, 40.	1.7	72
5	Antimicrobial Resistance Pattern and Their Beta-Lactamase Encoding Genes among <i>Pseudomonas aeruginosa</i> Strains Isolated from Cancer Patients. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	68
6	First description of CTX-M β -lactamase-producing clinical <i>Escherichia coli</i> isolates from Egypt. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 545-548.	1.1	63
7	Design, synthesis and antibacterial activity of fluoroquinolones containing bulky arenesulfonyl fragment: 2D-QSAR and docking study. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5487-5497.	2.6	59
8	Biosynthesis of Copper Oxide Nanoparticles Using <i>Streptomyces</i> MHM38 and Its Biological Applications. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-16.	1.5	59
9	Characterization of carbapenemases, ESBLs, and plasmid-mediated quinolone determinants in carbapenem-insensitive <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in Riyadh hospitals. <i>Journal of Infection and Public Health</i> , 2018, 11, 64-68.	1.9	56
10	Evaluation of wound healing activity of henna, pomegranate and myrrh herbal ointment blend. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 733-738.	1.2	51
11	Prevalence and Genetic Characteristics of TEM, SHV, and CTX-M in Clinical <i>Klebsiella pneumoniae</i> Isolates from Saudi Arabia. <i>Microbial Drug Resistance</i> , 2011, 17, 383-388.	0.9	49
12	Synthesis, antitumor and antimicrobial activity of some new 6-methyl-3-phenyl-4(3H)-quinazolinone analogues: <i>in silico</i> studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 721-735.	2.5	44
13	Molecular characteristics of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> in Riyadh: emergence of CTX-M-15-producing <i>E. coli</i> ST131. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 4.	1.7	43
14	Distribution of Ambler class A, B and D β -lactamases among <i>Pseudomonas aeruginosa</i> isolates. <i>Burns</i> , 2012, 38, 855-860.	1.1	42
15	The emergence of a novel sequence type of MDR <i>Acinetobacter baumannii</i> from the intensive care unit of an Egyptian tertiary care hospital. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2017, 16, 34.	1.7	42
16	Dissemination of VIM-2 producing <i>Pseudomonas aeruginosa</i> ST233 at tertiary care hospitals in Egypt. <i>BMC Infectious Diseases</i> , 2015, 15, 122.	1.3	41
17	Genetic diversity of carbapenem-resistant <i>Klebsiella pneumoniae</i> causing neonatal sepsis in intensive care unit, Cairo, Egypt. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 583-591.	1.3	39
18	High prevalence of acquired quinolone-resistance genes among Enterobacteriaceae from Saudi Arabia with CTX-M-15 β -lactamase. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 350-353.	0.8	38

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19	First Detection of GES-5 Carbapenemase-Producing <i>Acinetobacter baumannii</i> Isolate. <i>Microbial Drug Resistance</i> , 2017, 23, 556-562.	0.9	36
20	Design, Synthesis, Antimicrobial Evaluation and Molecular Modeling Study of 1,2,4-Triazole-Based 4-Thiazolidinones. <i>Molecules</i> , 2016, 21, 568.	1.7	35
21	Genomic characterization of NDM-1 and 5, and OXA-181 carbapenemases in uropathogenic <i>Escherichia coli</i> isolates from Riyadh, Saudi Arabia. <i>PLoS ONE</i> , 2018, 13, e0201613.	1.1	34
22	Persistence of <i>Klebsiella pneumoniae</i> clones with OXA-48 or NDM carbapenemases causing bacteraemias in a Riyadh hospital. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 76, 214-216.	0.8	33
23	The transferability of blaOXA-23 gene in multidrug-resistant <i>Acinetobacter baumannii</i> isolates from Saudi Arabia and Egypt. <i>International Journal of Medical Microbiology</i> , 2015, 305, 581-588.	1.5	33
24	In vitro skin penetration and antimycotic activity of itraconazole loaded niosomes: Various non-ionic surfactants. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 28, 37-45.	1.4	33
25	Extended-spectrum and metallo-beta-lactamases among ceftazidime-resistant <i>Pseudomonas aeruginosa</i> in Riyadh, Saudi Arabia. <i>Journal of Chemotherapy</i> , 2012, 24, 97-100.	0.7	28
26	Distribution of β -lactamases in carbapenem-non-susceptible <i>Acinetobacter baumannii</i> in Riyadh, Saudi Arabia. <i>Journal of Global Antimicrobial Resistance</i> , 2014, 2, 17-21.	0.9	28
27	Epidemiology of extensive drug resistant <i>Acinetobacter baumannii</i> (XDRAB) at Security Forces Hospital (SFH) in Kingdom of Saudi Arabia (KSA). <i>Journal of Chemotherapy</i> , 2015, 27, 156-162.	0.7	28
28	First reported nosocomial outbreak of <i>Serratia marcescens</i> harboring bla _{IMP-4} and bla _{VIM-2} in a neonatal intensive care unit in Cairo, Egypt. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 2211-2217.	1.1	28
29	Synthesis, antimicrobial activity, pharmacophore modeling and molecular docking studies of new pyrazole-dimedone hybrid architectures. <i>Chemistry Central Journal</i> , 2018, 12, 29.	2.6	28
30	Diversity of Molecular Mechanisms Conferring Carbapenem Resistance to <i>Pseudomonas aeruginosa</i> Isolates from Saudi Arabia. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2016, 2016, 1-7.	0.7	27
31	Synthesis of Pyrazole-Thiobarbituric Acid Derivatives: Antimicrobial Activity and Docking Studies. <i>Molecules</i> , 2016, 21, 1337.	1.7	23
32	Detection of bla _{OXA-23-like} and bla _{NDM-1} in <i>Acinetobacter baumannii</i> from the Eastern Region, Saudi Arabia. <i>Microbial Drug Resistance</i> , 2017, 23, 115-121.	0.9	23
33	Spread of carbapenem resistant <i>Enterobacteriaceae</i> at tertiary care cancer hospital in Egypt. <i>Infectious Diseases</i> , 2018, 50, 560-564.	1.4	22
34	Synthesis, molecular structure investigations and antimicrobial activity of 2-thioxothiazolidin-4-one derivatives. <i>Journal of Molecular Structure</i> , 2015, 1081, 519-529.	1.8	18
35	In-vitro efficacies of topical microemulsions of clotrimazole and ketoconazole; and in-vivo performance of clotrimazole microemulsion. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 408-416.	1.4	16
36	Genomic Characterization of Extensively Drug-Resistant NDM-Producing <i>Acinetobacter baumannii</i> Clinical Isolates With the Emergence of Novel blaADC-257. <i>Frontiers in Microbiology</i> , 2021, 12, 736982.	1.5	16

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37	Characterization of extended-spectrum beta-lactamase-producing <i>Klebsiella pneumoniae</i> from Riyadh, Saudi Arabia. <i>Journal of Chemotherapy</i> , 2014, 26, 139-145.	0.7	13
38	Prevalence and risk factors of early fecal carriage of <i>Enterococcus faecalis</i> and <i>Staphylococcus spp</i> and their antimicrobial resistant patterns among healthy neonates born in a hospital setting in central Saudi Arabia. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 37, 280-287.	0.5	13
39	Cooccurrence of NDM-1, ESBL, RmtC, AAC(6 β -Ib), and QnrB in Clonally Related <i>Klebsiella pneumoniae</i> Isolates Together with Coexistence of CMY-4 and AAC(6 β -Ib) in <i>Enterobacter cloacae</i> Isolates from Saudi Arabia. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	13
40	High Prevalence of Metallo- β -Lactamase-Producing <i>Pseudomonas aeruginosa</i> from Saudi Arabia. <i>Journal of Chemotherapy</i> , 2009, 21, 461-462.	0.7	12
41	Effect of Honey and Green Tea Solutions on <i>Streptococcus mutans</i> . <i>Journal of Clinical Pediatric Dentistry</i> , 2015, 39, 435-441.	0.5	12
42	(2 E)-2-[1-(1,3-Benzodioxol-5-yl)-3-(1 H -imidazol-1-yl)propylidene]- N-(4-methoxyphenyl)hydrazinecarboxamide: Synthesis, crystal structure, vibrational analysis, DFT computations, molecular docking and antifungal activity. <i>Journal of Molecular Structure</i> , 2018, 1166, 121-130.	1.8	12
43	Synthesis and characterization of a spiroindolone pyrothiazole analog via X-ray, biological, and computational studies. <i>Journal of Molecular Structure</i> , 2019, 1186, 384-392.	1.8	12
44	Fecal Colonization with Extended-Spectrum Beta-Lactamase and AmpC-Producing <i>Escherichia coli</i> . <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	11
45	Synthesis, X-ray Single Crystal Structure, Molecular Docking and DFT Computations on N-[(1E)-1-(2H-1,3-Benzodioxol-5-yl)-3-(1H-imidazol-1-yl)propylidene]-hydroxylamine: A New Potential Antifungal Agent Precursor. <i>Molecules</i> , 2017, 22, 373.	1.7	11
46	Complex Clonal Diversity of <i>Staphylococcus aureus</i> Nasal Colonization among Community Personnel, Healthcare Workers, and Clinical Students in the Eastern Province, Saudi Arabia. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	11
47	<p>Charge Transfer Complex of Neostigmine with 2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone: Synthesis, Spectroscopic Characterization, Antimicrobial Activity, and Theoretical Study<p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4115-4129.	2.0	11
48	Synthesis, characterization, antimicrobial activity and molecular docking studies of combined pyrazol-barbituric acid pharmacophores. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 2197.	0.2	10
49	Dissemination of ST101 blaOXA-48 producing <i>Klebsiella pneumoniae</i> at tertiary care setting. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 422-428.	0.5	10
50	Antimicrobial resistance pattern and prevalence of metallo- β -lactamases in <i>Pseudomonas aeruginosa</i> from Saudi Arabia. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	10
51	Hirshfeld Surface, Molecular Docking Study, Spectroscopic Characterization and NLO Profile of 2-Methoxy-4,6-Diphenylnicotinonitrile. <i>ChemistrySelect</i> , 2019, 4, 9857-9870.	0.7	8
52	Prevalence of fecal carriage of extended-spectrum- and metallo- β -lactamase-producing gram-negative bacteria among neonates born in a hospital setting in central Saudi Arabia. <i>Annals of Saudi Medicine</i> , 2015, 35, 240-247.	0.5	8
53	Employment of Mapping Technology in Antimicrobial Resistance Reporting in Saudi Arabia. <i>Geospatial Health</i> , 2020, 15, .	0.3	6
54	<i>Klebsiella pneumoniae</i> Producing CTX-M-15 Genes from Neonatal Intensive Care Unit in Saudi Arabia. <i>Research Journal of Microbiology</i> , 2009, 4, 278-285.	0.2	6

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55	Tools of Biological Warfare. Research Journal of Microbiology, 2011, 6, 193-245.	0.2	6
56	Synthesis, Characterization and Antimicrobial Activity of Novel Pharmacophores Incorporating Imidazoline-Oxazoline Scaffold. Bulletin of the Korean Chemical Society, 2014, 35, 562-568.	1.0	6
57	Facile and Promising Method for Michael Addition of Indole and Pyrrole to Electron-Deficient <i>trans</i> -Nitroolefins Catalyzed by a Hydrogen Bond Donor Catalyst Feist TM s Acid and Preliminary Study of Antimicrobial Activity. Scientific World Journal, The, 2014, 2014, 1-15.	0.8	4
58	Synthesis, Single Crystal X-ray Analysis, and Antifungal Profiling of Certain New Oximino Ethers Bearing Imidazole Nuclei. Molecules, 2017, 22, 1895.	1.7	4
59	Synthesis, Single Crystal X-ray Structure, DFT Computations, Hirshfeld Surface Analysis and Molecular Docking Simulations on ((1E)-1-(1,3-Benzodioxol-5-yl)-3-(1H-imidazol-1-yl)propylidene]amino}oxy)(furan-2-yl)methanone: A New Antifungal Agent. Crystals, 2019, 9, 25.	1.0	4
60	Production and Partial Characterization of Î±-Amylase Enzyme from Marine Actinomycetes. BioMed Research International, 2021, 2021, 1-15.	0.9	4
61	<p>Synthesis, structure elucidation, and antifungal potential of certain new benzodioxole–imidazole molecular hybrids bearing ester functionalities</p>. Drug Design, Development and Therapy, 2019, Volume 13, 775-789.	2.0	3
62	Synthesis and Spectroscopic Identification of Certain Imidazole-Semicarbazone Conjugates Bearing Benzodioxole Moieties: New Antifungal Agents. Molecules, 2019, 24, 200.	1.7	3
63	(2E)-2-[1-(1,3-Benzodioxol-5-yl)-3-(1H-imidazol-1-yl)propylidene]-N-(2-chlorophenyl)hydrazine carboxamide: Synthesis, X-ray Structure, Hirshfeld Surface Analysis, DFT Calculations, Molecular Docking and Antifungal Profile. Crystals, 2019, 9, 82.	1.0	2
64	Synthesis, and characterization of a new series of sulfite and sulfate derivatives of d-Mannitol. Journal of Saudi Chemical Society, 2016, 20, 307-312.	2.4	1
65	Structural, Spectroscopic, Electronic and Molecular Docking Studies on (11<i>R</i>,12–...<i>S</i>)â€16–Aminotetracyclo[6.6.2.0^{2,7}.0^{9,14}]hexadecaâ€2(7),8,5,9(14),10,12–ChemistrySelect, 2019, 4, 825-837.		
66	Clinical Efficacy of Single Use of Three Different Mouthrinses on the Level of Streptococcus mutans in Saliva. Journal of Contemporary Dental Practice, 2021, 22, 769-773.	0.2	0
67	Antibiotic Effect on Planktonic and Biofilm-Producing Staphylococci. Advances in Microbiology, 2017, 07, 498-512.	0.3	0
68	Clinical Efficacy of Single Use of Three Different Mouthrinses on the Level of in Saliva. Journal of Contemporary Dental Practice, 2021, 22, 769-773.	0.2	0