

Antoine G Abou Fayad

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

673
citations

840119

11
h-index

580395

25
g-index

38
all docs

38
docs citations

38
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural products from myxobacteria: novel metabolites and bioactivities. <i>Natural Product Reports</i> , 2017, 34, 135-160.	5.2	198
2	The generation of "Natural" products: Synthetic biology meets synthetic chemistry. <i>Natural Product Reports</i> , 2012, 29, 870.	5.2	88
3	Heavy Metal Toxicity in Armed Conflicts Potentiates AMR in <i>A. baumannii</i> by Selecting for Antibiotic and Heavy Metal Co-resistance Mechanisms. <i>Frontiers in Microbiology</i> , 2020, 11, 68.	1.5	79
4	Genome-wide mutant profiling predicts the mechanism of a Lipid II binding antibiotic. <i>Nature Chemical Biology</i> , 2018, 14, 601-608.	3.9	60
5	Sonogashira diversification of unprotected halotryptophans, halotryptophan containing tripeptides; and generation of a new to nature bromo-natural product and its diversification in water. <i>Chemical Science</i> , 2017, 8, 2039-2046.	3.7	37
6	Structure and Biosynthesis of Crocagins: Polycyclic Posttranslationally Modified Ribosomal Peptides from <i>Chondromyces crocatus</i> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7407-7410.	7.2	32
7	Biosynthesis of the <i>Klebsiella oxytoca</i> Pathogenicity Factor Tilvalline: Heterologous Expression, <i>In Vitro</i> Biosynthesis, and Inhibitor Development. <i>ACS Chemical Biology</i> , 2018, 13, 812-819.	1.6	24
8	Engineering Atypical Tetracycline Formation in <i>Amycolatopsis sulphurea</i> for the Production of Modified Chelocardin Antibiotics. <i>ACS Chemical Biology</i> , 2019, 14, 468-477.	1.6	24
9	Prevalence and molecular epidemiology of carbapenem-resistant Gram-negative bacilli and their resistance determinants in the Eastern Mediterranean Region over the last decade. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 209-221.	0.9	22
10	Total Biosynthesis of the Pyrrolo[4,2]benzodiazepine Scaffold Tomaymycin on an <i>In Vitro</i> Reconstituted NRPS System. <i>Cell Chemical Biology</i> , 2017, 24, 1216-1227.e8.	2.5	19
11	Evaluating the Efficacies of Carbapenem/ β -Lactamase Inhibitors Against Carbapenem-Resistant Gram-Negative Bacteria <i>in vitro</i> and <i>in vivo</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 933.	1.5	14
12	Octapeptins: Lipopeptide Antibiotics against Multidrug-Resistant Superbugs. <i>Cell Chemical Biology</i> , 2018, 25, 351-353.	2.5	11
13	An unequivocal superbug: PDR <i>Klebsiella pneumoniae</i> with an arsenal of resistance and virulence factor genes. <i>Journal of Infection in Developing Countries</i> , 2021, 15, 404-414.	0.5	11
14	Phenotypic and Genotypic Characterization of Extended-Spectrum Beta-Lactamases Produced by <i>Escherichia coli</i> Colonizing Pregnant Women. <i>Infectious Diseases in Obstetrics and Gynecology</i> , 2020, 2020, 1-7.	0.4	8
15	Natural products and polysorbates: Potential Inhibitors of biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Journal of Infection in Developing Countries</i> , 2020, 14, 580-588.	0.5	7
16	A One-Pot Synthesis of Symmetrical and Unsymmetrical Dipeptide Ureas. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5603-5609.	1.2	6
17	<i>Drosophila melanogaster</i> as a Model System to Assess the Effect of Epstein-Barr Virus DNA on Inflammatory Gut Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 586930.	2.2	6
18	Acquired resistome and plasmid sequencing of <i>mcr-1</i> carrying MDR Enterobacteriaceae from poultry and their relationship to STs associated with humans. <i>JAC-Antimicrobial Resistance</i> , 2022, 4, dlab198.	0.9	6

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19	Regio- and Stereoselective Epoxidation and Acidic Epoxide Opening of Antibacterial and Antiplasmodial Chlorotonils Yield Highly Potent Derivatives. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
20	The Microbiome of the Lebanese Wild Apple, <i>Malus trilobata</i> , is a Rich Source of Potential Biocontrol Agents for Fungal Post-harvest Pathogens of Apples. <i>Current Microbiology</i> , 2021, 78, 1388-1398.	1.0	4
21	From bugs to drugs: Combating antimicrobial resistance by discovering novel antibiotics. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 3S.	0.5	3
22	Urinary Tract Infections Impair Adult Hippocampal Neurogenesis. <i>Biology</i> , 2022, 11, 891.	1.3	3
23	Diversity of Sequence Types and Impact of Fitness Cost among Carbapenem-Resistant <i>Acinetobacter baumannii</i> Isolates from Tripoli, Libya. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0027721.	1.4	1
24	The antibacterial activity of Libanstin from <i>Ilex paraguariensis</i> (Yerba Mate). <i>Fytoterapia</i> , 2021, 153, 104962.	1.1	1
25	Evaluating ginger extract, wild blueberry extract, and polysorbates (PS20, PS80) on <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 12S.	0.5	1
26	War, antimicrobial resistance, and <i>Acinetobacter baumannii</i> (WAMRA). <i>International Journal of Infectious Diseases</i> , 2020, 101, 87-88.	1.5	1
27	SynBio- and SynChem Approaches to Diversifying the Pacidamycins through the Exploitation of an Observed Pictet-Spengler Reaction. <i>ChemBioChem</i> , 2021, 22, 712-716.	1.3	0
28	Assessment of Food Safety and Physicochemical Properties of Sous-vide Cooked Steak in Lebanon. <i>International Journal of Environment Agriculture and Biotechnology</i> , 2021, 6, 087-100.	0.0	0
29	Combating antimicrobial resistance using antimicrobial combination therapy and β -lactamase inhibitors. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 14S.	0.5	0
30	Antibacterial Activity of <i>Ilex paraguariensis</i> (Yerba Mate). <i>Journal of Infection and Public Health</i> , 2020, 13, 2108-2109.	1.9	0
31	Regio- and Stereoselective Epoxidation and Acidic Epoxide Opening of Antibacterial and Antiplasmodial Chlorotonils Yield Highly Potent Derivatives. <i>Angewandte Chemie</i> , 0, , .	1.6	0