

Tamam El-Elimat

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,938
citations

186265

28
h-index

189892

50
g-index

95
all docs

95
docs citations

95
times ranked

4215
citing authors

#	ARTICLE	IF	CITATIONS
1	UPLC-HRESI-MS and GC-MS analysis of the leaves of <i>Nicotiana glauca</i> . Acta Pharmaceutica, 2022, 72, 97-108.	2.0	2
2	Natural resorcylic acid lactones: A chemical biology approach for anticancer activity. Drug Discovery Today, 2022, 27, 547-557.	6.4	13
3	Dereplication of Fungal Metabolites by NMR-Based Compound Networking Using MADByTE. Journal of Natural Products, 2022, 85, 614-624.	3.0	16
4	Anticancer activity of Neosetophomone B by targeting AKT/SKP2/MTH1 axis in leukemic cells. Biochemical and Biophysical Research Communications, 2022, 601, 59-64.	2.1	7
5	Evaluation of coenzyme Q10 combined with or without N-acetyl cysteine or atorvastatin for preventing contrast-induced kidney injury in diabetic rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1403-1410.	3.0	4
6	Freshwater Fungi as a Source of Chemical Diversity: A Review. Journal of Natural Products, 2021, 84, 898-916.	3.0	29
7	Acceptance and attitudes toward COVID-19 vaccines: A cross-sectional study from Jordan. PLoS ONE, 2021, 16, e0250555.	2.5	304
8	Coumarins, dihydroisocoumarins, a dibenzo- \hat{f} -pyrone, a meroterpenoid, and a merodrimane from <i>Talaromyces amestolkiae</i> . Tetrahedron Letters, 2021, 72, 153067.	1.4	7
9	Knowledge and perceptions of synthetic cannabinoids among university students in Jordan. PLoS ONE, 2021, 16, e0253632.	2.5	4
10	Ellagic acid: A potent glyoxalase-I inhibitor with a unique scaffold. Acta Pharmaceutica, 2021, 71, 115-130.	2.0	10
11	Phenethylisoquinoline alkaloids from the leaves of <i>Androcymbium palaestinum</i> . <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104706.	2.2	6
12	The effect of hawthorn flower and leaf extract (<i>Crataegus</i> Spp.) on cardiac hemostasis and oxidative parameters in Sprague Dawley rats. Heliyon, 2020, 6, e04617.	3.2	8
13	<p>Piperine Alters the Pharmacokinetics and Anticoagulation of Warfarin in Rats</p> . Journal of Experimental Pharmacology, 2020, Volume 12, 169-179.	3.2	9
14	The effect of grape seed and green tea extracts on the pharmacokinetics of imatinib and its main metabolite, N-desmethyl imatinib, in rats. BMC Pharmacology & Toxicology, 2020, 21, 77.	2.4	7
15	Enhanced Production and Anticancer Properties of Photoactivated Perylenequinones. Journal of Natural Products, 2020, 83, 2490-2500.	3.0	16
16	Chemical space and diversity of seaweed metabolite database (SWMD): A cheminformatics study. Journal of Molecular Graphics and Modelling, 2020, 100, 107702.	2.4	8
17	<p>Evaluation of the Effect of <i>Hypericum triquetrifolium</i> Turra on Memory Impairment Induced by Chronic Psychosocial Stress in Rats: Role of BDNF</p> . Drug Design, Development and Therapy, 2020, Volume 14, 5299-5314.	4.3	16
18	The effect of cannabidiol on the pharmacokinetics of carbamazepine in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1871-1886.	3.0	4

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19	Green synthesis of zinc oxide nanoflowers using <i>Hypericum triquetrifolium</i> extract: characterization, antibacterial activity and cytotoxicity against lung cancer A549 cells. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5667.	3.5	12
20	Simultaneous determination of warfarin and 7-hydroxywarfarin in rat plasma by HPLC-FLD. <i>Acta Pharmaceutica</i> , 2020, 70, 343-357.	2.0	4
21	Silibinin attenuates adipose tissue inflammation and reverses obesity and its complications in diet-induced obesity model in mice. <i>BMC Pharmacology & Toxicology</i> , 2020, 21, 8.	2.4	30
22	Silymarin Prevents Memory Impairments, Anxiety, and Depressive-Like Symptoms in a Rat Model of Post-Traumatic Stress Disorder. <i>Planta Medica</i> , 2019, 85, 32-40.	1.3	20
23	Delitpyrones: Î±-Pyrone Derivatives from a Freshwater <i>Delitschia</i> sp.. <i>Planta Medica</i> , 2019, 85, 62-71.	1.3	14
24	Amino-carboxamide benzothiazoles as potential LSD1 hit inhibitors. Part I: Computational fragment-based drug design. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 93, 107440.	2.4	12
25	Design, synthesis, and biologic evaluation of novel chrysin derivatives as cytotoxic agents and caspase-3/7 activators. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 423-433.	4.3	13
26	<i>Withania somnifera</i> root powder protects against post-traumatic stress disorder-induced memory impairment. <i>Molecular Biology Reports</i> , 2019, 46, 4709-4715.	2.3	14
27	Greensporone A, a Fungal Secondary Metabolite Suppressed Constitutively Activated AKT via ROS Generation and Induced Apoptosis in Leukemic Cell Lines. <i>Biomolecules</i> , 2019, 9, 126.	4.0	13
28	Apicidin Attenuates MRSA Virulence through Quorum-Sensing Inhibition and Enhanced Host Defense. <i>Cell Reports</i> , 2019, 27, 187-198.e6.	6.4	54
29	7-O-methylpunctatin, a Novel Homoisoflavonoid, Inhibits Phenotypic Switch of Human Arteriolar Smooth Muscle Cells. <i>Biomolecules</i> , 2019, 9, 716.	4.0	8
30	Meroterpenoids from <i>Neosetophoma</i> sp.: A Dioxo[4.3.3]propellane Ring System, Potent Cytotoxicity, and Prolific Expression. <i>Organic Letters</i> , 2019, 21, 529-534.	4.6	41
31	Cytotoxic homoisoflavonoids from the bulbs of <i>Bellevalia flexuosa</i> . <i>Fytoterapia</i> , 2018, 127, 201-206.	2.2	15
32	Computational and experimental exploration of the structure-activity relationships of flavonoids as potent glyoxalase inhibitors. <i>Drug Development Research</i> , 2018, 79, 58-69.	2.9	11
33	<i>Arbutus andrachne</i> L. Reverses Sleep Deprivation-Induced Memory Impairments in Rats. <i>Molecular Neurobiology</i> , 2018, 55, 1150-1156.	4.0	33
34	Carob (<i>Ceratonia siliqua</i> L.) Prevents Short-Term Memory Deficit Induced by Chronic Stress in Rats. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 314-321.	2.3	13
35	Biochemical evaluation of selected grape varieties (<i>Vitis vinifera</i> L.) grown in Jordan and in vitro evaluation of grape seed extract on human prostate cancer cells. <i>Food Bioscience</i> , 2018, 24, 103-110.	4.4	6
36	Greensporone C, a Freshwater Fungal Secondary Metabolite Induces Mitochondrial-Mediated Apoptotic Cell Death in Leukemic Cell Lines. <i>Frontiers in Pharmacology</i> , 2018, 9, 720.	3.5	23

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37	Development and Validation of a Rapid High-Performance Liquid Chromatography-Tandem Mass Spectrometric Method for Determination of Folic Acid in Human Plasma. <i>Pharmaceuticals</i> , 2018, 11, 52.	3.8	19
38	Safety assessment of mushrooms in dietary supplements by combining analytical data with in silico toxicology evaluation. <i>Food and Chemical Toxicology</i> , 2017, 103, 133-147.	3.6	17
39	Enhanced dereplication of fungal cultures via use of mass defect filtering. <i>Journal of Antibiotics</i> , 2017, 70, 553-561.	2.0	37
40	Î±-Pyrone derivatives, tetra/hexahydroxanthones, and cyclodepsipeptides from two freshwater fungi. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 795-804.	3.0	23
41	Evaluation of the Effect of <i>Moringa peregrina</i> Extract on Learning and Memory: Role of Oxidative Stress. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 355-363.	2.3	15
42	In vitro propagation, genetic stability, and secondary metabolite analysis of wild lavender (<i>Lavandula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	10
43	Scaffold Diversity of Fungal Metabolites. <i>Frontiers in Pharmacology</i> , 2017, 8, 180.	3.5	45
44	Silymarin Ameliorates Diabetes-Induced Proangiogenic Response in Brain Endothelial Cells through a GSK-3 Inhibition-Induced Reduction of VEGF Release. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	12
45	Garlic for Cardiovascular Disease: Prevention or Treatment?. <i>Current Pharmaceutical Design</i> , 2017, 23, 1028-1041.	1.9	35
46	Novel Thiazole Carboxylic Acid Derivatives Possessing a Zinc Binding Feature as Potential Human Glyoxalase-I Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	8
47	Chemoinformatic expedition of the chemical space of fungal products. <i>Future Medicinal Chemistry</i> , 2016, 8, 1399-1412.	2.3	42
48	In situ analysis of <i>Asimina triloba</i> (paw paw) plant tissues for acetogenins via the droplet-liquid microjunction-surface sampling probe coupled to UHPLC-PDA-HRMS/MS. <i>Analytical Methods</i> , 2016, 8, 6143-6149.	2.7	18
49	Graviola inhibits hypoxia-induced NADPH oxidase activity in prostate cancer cells reducing their proliferation and clonogenicity. <i>Scientific Reports</i> , 2016, 6, 23135.	3.3	42
50	Optimizing production and evaluating biosynthesis in situ of a herbicidal compound, mevalocidin, from <i>Coniolaria</i> sp.. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1149-1157.	3.0	29
51	Sorbicillinoid analogs with cytotoxic and selective anti- <i>Aspergillus</i> activities from <i>Scytalidium album</i> . <i>Journal of Antibiotics</i> , 2015, 68, 191-196.	2.0	26
52	Comparison of the chemistry and diversity of endophytes isolated from wild-harvested and greenhouse-cultivated yerba mansa (<i>Anemopsis californica</i>). <i>Phytochemistry Letters</i> , 2015, 11, 202-208.	1.2	12
53	Dereplicating and Spatial Mapping of Secondary Metabolites from Fungal Cultures <i>in Situ</i> . <i>Journal of Natural Products</i> , 2015, 78, 1926-1936.	3.0	46
54	Cytotoxic Homoisoflavones from the Bulbs of <i>Bellevalia eiggii</i> . <i>Journal of Natural Products</i> , 2015, 78, 1708-1715.	3.0	36

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55	6-Hydroxyemodin Limits Staphylococcus aureus Quorum Sensing-Mediated Pathogenesis and Inflammation. Antimicrobial Agents and Chemotherapy, 2015, 59, 2223-2235.	3.2	110
56	Phylogenetic and chemical diversity of fungal endophytes isolated from <i>Silybum marianum</i> (L) Gaertn. (milk thistle). Mycology, 2015, 6, 8-27.	4.4	29
57	Isolation, semisynthesis, covalent docking and transforming growth factor beta-activated kinase 1 (TAK1)-inhibitory activities of (5Z)-7-oxozeaenol analogues. Bioorganic and Medicinal Chemistry, 2015, 23, 6993-6999.	3.0	21
58	Minutisphaerales (Dothideomycetes, Ascomycota): a new order of freshwater ascomycetes including a new family, Minutisphaeraceae, and two new species from North Carolina, USA. Mycologia, 2015, 107, 845-862.	1.9	26
59	Biosynthetically Distinct Cytotoxic Polyketides from <i>Setophoma terrestris</i> . European Journal of Organic Chemistry, 2015, 2015, 109-121.	2.4	63
60	Profiling fungal cultures in situ via the droplet-LMJ-SSP coupled with UPLC-PDA-HRMS-MS/MS. Planta Medica, 2015, 81, .	1.3	1
61	Chemical mycology of freshwater ascomycetes from North Carolina, USA. Planta Medica, 2015, 81, .	1.3	0
62	Mass spectrometry imaging of secondary metabolites directly on fungal cultures. RSC Advances, 2014, 4, 63221-63227.	3.6	38
63	Bioactive withanolides from <i>Withania obtusifolia</i> . Phytochemistry Letters, 2014, 9, 96-101.	1.2	22
64	Isochromenones, isobenzofuranone, and tetrahydronaphthalenes produced by <i>Paraphoma radicina</i> , a fungus isolated from a freshwater habitat. Phytochemistry, 2014, 104, 114-120.	2.9	37
65	Greensporones: Resorcylic Acid Lactones from an Aquatic <i>Halenospora</i> sp.. Journal of Natural Products, 2014, 77, 2088-2098.	3.0	69
66	Flavonolignans from <i>Aspergillus iizukae</i> , a Fungal Endophyte of Milk Thistle (<i>Silybum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	3.0	83
67	Polyhydroxyanthraquinones as Quorum Sensing Inhibitors from the Guttates of <i>Penicillium restrictum</i> and Their Analysis by Desorption Electrospray Ionization Mass Spectrometry. Journal of Natural Products, 2014, 77, 1351-1358.	3.0	122
68	Exploring fungal ecology with desorption electrospray ionization mass spectrometry imaging. Planta Medica, 2014, 80, .	1.3	0
69	Chemical investigation of fungal endophytes from <i>Echinacea purpurea</i> . Planta Medica, 2014, 80, .	1.3	0
70	Profiling of mushrooms using a UHPLC/UV/ELSD/HRMS dereplication protocol: A component of the safety assessment process. Planta Medica, 2014, 80, .	1.3	0
71	High-Resolution MS, MS/MS, and UV Database of Fungal Secondary Metabolites as a Dereplication Protocol for Bioactive Natural Products. Journal of Natural Products, 2013, 76, 1709-1716.	3.0	160
72	<i>Lindgomyces angustiascus</i> , (Lindgomycetaceae, Pleosporales, Dothideomycetes), a new lignicolous species from freshwater habitats in the USA. Mycoscience, 2013, 54, 353-361.	0.8	25

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73	Benzoquinones and Terphenyl Compounds As Phosphodiesterase-4B Inhibitors from a Fungus of the Order Chaetothyriales (MSX 47445). <i>Journal of Natural Products</i> , 2013, 76, 382-387.	3.0	42
74	Waal A, trans-dihydrowaal A, and cis-dihydrowaal A: polyketide-derived $\hat{1}\beta$ -lactones from a <i>Volutella</i> species. <i>Tetrahedron Letters</i> , 2013, 54, 4300-4302.	1.4	21
75	Sarothrin from <i>Alkanna orientalis</i> Is an Antimicrobial Agent and Efflux Pump Inhibitor. <i>Planta Medica</i> , 2013, 79, 327-329.	1.3	36
76	Evaluation of culture media for the production of secondary metabolites in a natural products screening program. <i>AMB Express</i> , 2013, 3, 71.	3.0	98
77	Cytotoxic Polyketides from an Unidentified Fungus (MSX 45109). <i>Planta Medica</i> , 2013, 79, .	1.3	1
78	Antimicrobial Endophytes from the Antimicrobial Botanical Yerba mansa (<i>Anemopsis californica</i>). <i>Planta Medica</i> , 2013, 79, .	1.3	0
79	Mycology and Chemical Investigations of Fungal Endophytes from Medicinal Herbs (Milk Thistle and) Tj ETQq1 1 0.784314 rgBT /Over	1.3	0
80	Alkaloids from <i>Glaucium Aleppicum</i> Papaveraceae. <i>Jordan Journal of Pharmaceutical Sciences</i> , 2013, 6, 308-313.	1.1	0
81	Liquid Chromatography-Mass Spectroscopy and Liquid Chromatography-Ultraviolet/Visible Photodiode Array Analysis of Selected Colchicum Species. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 451-460.	1.4	2
82	Chemical Diversity of Metabolites from Fungi, Cyanobacteria, and Plants Relative to FDA-Approved Anticancer Agents. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 645-649.	2.8	45
83	De-inventing the wheel: Dereplication tools for natural products research. <i>Planta Medica</i> , 2012, 78, .	1.3	1
84	Liquid Chromatography-Mass Spectroscopy and Liquid Chromatography-Ultraviolet/Visible Photodiode Array Analysis of Selected Colchicum Species. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 0451.	1.4	1
85	Two benzoquinones and one terphenyl compound from an unidentified fungus (MSX 47445). <i>Planta Medica</i> , 2012, 78, .	1.3	0
86	Determination of hypericin and hyperforin content in selected Jordanian <i>Hypericum</i> species. <i>Industrial Crops and Products</i> , 2010, 32, 241-245.	5.2	22
87	Antioxidant activity and total phenolic content of selected Jordanian plant species. <i>Food Chemistry</i> , 2007, 104, 1372-1378.	8.2	357
88	Antioxidant activity and total phenolic content of aqueous and methanolic extracts of Jordanian plants: an ICBG project. <i>Natural Product Research</i> , 2007, 21, 1121-1131.	1.8	114
89	Phytochemical studies and cytotoxicity evaluations of <i>Colchicum tunicatum</i> Feinbr and <i>Colchicum hierosolymitanum</i> Feinbr (Colchicaceae): two native Jordanian meadow saffrons. <i>Natural Product Research</i> , 2006, 20, 558-566.	1.8	28
90	Seasonal variation of colchicine content in <i>Colchicum brachyphyllum</i> and <i>Colchicum tunicatum</i> (Colchicaceae). <i>Natural Product Research</i> , 2006, 20, 1121-1128.	1.8	8

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91	New Colchicinoids from a Native Jordanian Meadow Saffron, <i>Colchicum brachyphyllum</i> : Isolation of the First Naturally Occurring Dextrorotatory Colchicinoid. <i>Journal of Natural Products</i> , 2005, 68, 173-178.	3.0	61
92	Bioinformatics Analysis Reveals FOXM1/BUB1B Signaling Pathway as a Key Target of Neosetophomone B in Human Leukemic Cells: A Gene Network-Based Microarray Analysis. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	4