Tamam El-Elimat

List of Publications by Year
in descending order

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92	2,938	186265	189892
papers	citations	28 h-index	50 g-index

95	95	95	4215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antioxidant activity and total phenolic content of selected Jordanian plant species. Food Chemistry, 2007, 104, 1372-1378.	8.2	357
2	Acceptance and attitudes toward COVID-19 vaccines: A cross-sectional study from Jordan. PLoS ONE, 2021, 16, e0250555.	2.5	304
3	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
4	Polyhydroxyanthraquinones as Quorum Sensing Inhibitors from the Guttates of Penicillium restrictum and Their Analysis by Desorption Electrospray Ionization Mass Spectrometry. Journal of Natural Products, 2014, 77, 1351-1358.	3.0	122
5	Antioxidant activity and total phenolic content of aqueous and methanolic extracts of Jordanian plants: an ICBG project. Natural Product Research, 2007, 21, 1121-1131.	1.8	114
6	Ï‰-Hydroxyemodin Limits Staphylococcus aureus Quorum Sensing-Mediated Pathogenesis and Inflammation. Antimicrobial Agents and Chemotherapy, 2015, 59, 2223-2235.	3.2	110
7	Evaluation of culture media for the production of secondary metabolites in a natural products screening program. AMB Express, 2013, 3, 71.	3.0	98
8	Flavonolignans from Aspergillus iizukae, a Fungal Endophyte of Milk Thistle (Silybum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	3.0	83
9	Greensporones: Resorcylic Acid Lactones from an Aquatic Halenospora sp.. Journal of Natural Products, 2014, 77, 2088-2098.	3.0	69
10	Biosynthetically Distinct Cytotoxic Polyketides from Setophoma terrestris. European Journal of Organic Chemistry, 2015, 2015, 109-121.	2.4	63
11	New Colchicinoids from a Native Jordanian Meadow Saffron, Colchicum brachyphyllum:â€‰ Isolation of the First Naturally Occurring Dextrorotatory Colchicinoid. Journal of Natural Products, 2005, 68, 173-178.	3.0	61
12	Apicidin Attenuates MRSA Virulence through Quorum-Sensing Inhibition and Enhanced Host Defense. Cell Reports, 2019, 27, 187-198.e6.	6.4	54
13	Dereplicating and Spatial Mapping of Secondary Metabolites from Fungal Cultures in Situ. Journal of Natural Products, 2015, 78, 1926-1936.	3.0	46
14	Chemical Diversity of Metabolites from Fungi, Cyanobacteria, and Plants Relative to FDA-Approved Anticancer Agents. ACS Medicinal Chemistry Letters, 2012, 3, 645-649.	2.8	45
15	Scaffold Diversity of Fungal Metabolites. Frontiers in Pharmacology, 2017, 8, 180.	3.5	45
16	Benzoquinones and Terphenyl Compounds As Phosphodiesterase-4B Inhibitors from a Fungus of the Order Chaetothyriales (MSX 47445). Journal of Natural Products, 2013, 76, 382-387.	3.0	42
17	Chemoinformatic expedition of the chemical space of fungal products. Future Medicinal Chemistry, 2016, 8, 1399-1412.	2.3	42
18	Graviola inhibits hypoxia-induced NADPH oxidase activity in prostate cancer cells reducing their proliferation and clonogenicity. Scientific Reports, 2016, 6, 23135.	3.3	42

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19	Meroterpenoids from Neosetophoma sp.: A Dioxa[4.3.3]propellane Ring System, Potent Cytotoxicity, and Prolific Expression. Organic Letters, 2019, 21, 529-534.	4.6	41
20	Mass spectrometry imaging of secondary metabolites directly on fungal cultures. RSC Advances, 2014, 4, 63221-63227.	3.6	38
21	Isochromenones, isobenzofuranone, and tetrahydronaphthalenes produced by Paraphoma radicina, a fungus isolated from a freshwater habitat. Phytochemistry, 2014, 104, 114-120.	2.9	37
22	Enhanced dereplication of fungal cultures via use of mass defect filtering. Journal of Antibiotics, 2017, 70, 553-561.	2.0	37
23	Sarothrin from Alkanna orientalis Is an Antimicrobial Agent and Efflux Pump Inhibitor. Planta Medica, 2013, 79, 327-329.	1.3	36
24	Cytotoxic Homoisoflavones from the Bulbs of Bellevalia eigii. Journal of Natural Products, 2015, 78, 1708-1715.	3.0	36
25	Garlic for Cardiovascular Disease: Prevention or Treatment?. Current Pharmaceutical Design, 2017, 23, 1028-1041.	1.9	35
26	Arbutus andrachne L. Reverses Sleep Deprivation-Induced Memory Impairments in Rats. Molecular Neurobiology, 2018, 55, 1150-1156.	4.0	33
27	Silibinin attenuates adipose tissue inflammation and reverses obesity and its complications in diet-induced obesity model in mice. BMC Pharmacology & Toxicology, 2020, 21, 8.	2.4	30
28	Phylogenetic and chemical diversity of fungal endophytes isolated fromSilybum marianum(L) Gaertn. (milk thistle). Mycology, 2015, 6, 8-27.	4.4	29
29	Optimizing production and evaluating biosynthesis in situ of a herbicidal compound, mevalocidin, from Coniolariella sp.. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1149-1157.	3.0	29
30	Freshwater Fungi as a Source of Chemical Diversity: A Review. Journal of Natural Products, 2021, 84, 898-916.	3.0	29
31	Phytochemical studies and cytotoxicity evaluations ofColchicum tunicatumFeinbr andColchicum hierosolymitanumFeinbr (Colchicaceae): two native Jordanian meadow saffrons. Natural Product Research, 2006, 20, 558-566.	1.8	28
32	Sorbicillinoid analogs with cytotoxic and selective anti-Aspergillus activities from Scytalidium album. Journal of Antibiotics, 2015, 68, 191-196.	2.0	26
33	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
34	Lindgomyces angustiascus, (Lindgomycetaceae, Pleosporales, Dothideomycetes), a new lignicolous species from freshwater habitats in the USA. Mycoscience, 2013, 54, 353-361.	0.8	25
35	Î±-Pyrone derivatives, tetra/hexahydroxanthones, and cyclodepsipeptides from two freshwater fungi. Bioorganic and Medicinal Chemistry, 2017, 25, 795-804.	3.0	23
36	Greensporone C, a Freshwater Fungal Secondary Metabolite Induces Mitochondrial-Mediated Apoptotic Cell Death in Leukemic Cell Lines. Frontiers in Pharmacology, 2018, 9, 720.	3.5	23

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37	Determination of hypericin and hyperforin content in selected Jordanian Hypericum species. Industrial Crops and Products, 2010, 32, 241-245.	5.2	22
38	Bioactive withanolides from Withania obtusifolia. Phytochemistry Letters, 2014, 9, 96-101.	1.2	22
39	Waol A, trans-dihydrowaol A, and cis-dihydrowaol A: polyketide-derived Î³-lactones from a Volutella species. Tetrahedron Letters, 2013, 54, 4300-4302.	1.4	21
40	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
41	Silymarin Prevents Memory Impairments, Anxiety, and Depressive-Like Symptoms in a Rat Model of Post-Traumatic Stress Disorder. Planta Medica, 2019, 85, 32-40.	1.3	20
42	Development and Validation of a Rapid High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometric Method for Determination of Folic Acid in Human Plasma. Pharmaceuticals, 2018, 11, 52.	3.8	19
43	In situ analysis of Asimina triloba (paw paw) plant tissues for acetogenins via the droplet-liquid microjunction-surface sampling probe coupled to UHPLC-PDA-HRMS/MS. Analytical Methods, 2016, 8, 6143-6149.	2.7	18
44	Safety assessment of mushrooms in dietary supplements by combining analytical data with in silico toxicology evaluation. Food and Chemical Toxicology, 2017, 103, 133-147.	3.6	17
45	Enhanced Production and Anticancer Properties of Photoactivated Perylenequinones. Journal of Natural Products, 2020, 83, 2490-2500.	3.0	16
46	Evaluation of the Effect of Hypericum triquetrifolium Turra on Memory Impairment Induced by Chronic Psychosocial Stress in Rats: Role of BDNF . Drug Design, Development and Therapy, 2020, Volume 14, 5299-5314.	4.3	16
47	Dereplication of Fungal Metabolites by NMR-Based Compound Networking Using MADByTE. Journal of Natural Products, 2022, 85, 614-624.	3.0	16
48	Evaluation of the Effect of Moringa peregrina Extract on Learning and Memory: Role of Oxidative Stress. Journal of Molecular Neuroscience, 2017, 63, 355-363.	2.3	15
49	Cytotoxic homoisoflavonoids from the bulbs of Bellevalia flexuosa. FÃ¬toterapÃ¬Ã¢, 2018, 127, 201-206.	2.2	15
50	Delitpyrones: Î±-Pyrone Derivatives from a Freshwater Delitschia sp.. Planta Medica, 2019, 85, 62-71.	1.3	14
51	Withania somnifera root powder protects againist post-traumatic stress disorder-induced memory impairment. Molecular Biology Reports, 2019, 46, 4709-4715.	2.3	14
52	Carob (Ceratonia siliqua L.) Prevents Short-Term Memory Deficit Induced by Chronic Stress in Rats. Journal of Molecular Neuroscience, 2018, 66, 314-321.	2.3	13
53	Design, synthesis, and biologic evaluation of novel chrysin derivatives as cytotoxic agents and caspase-3/7 activators . Drug Design, Development and Therapy, 2019, Volume 13, 423-433.	4.3	13
54	Greensporone A, a Fungal Secondary Metabolite Suppressed Constitutively Activated AKT via ROS Generation and Induced Apoptosis in Leukemic Cell Lines. Biomolecules, 2019, 9, 126.	4.0	13

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55	Natural resorcylic acid lactones: A chemical biology approach for anticancer activity. Drug Discovery Today, 2022, 27, 547-557.	6.4	13
56	Comparison of the chemistry and diversity of endophytes isolated from wild-harvested and greenhouse-cultivated yerba mansa (Anemopsis californica). Phytochemistry Letters, 2015, 11, 202-208.	1.2	12
57	Silymarin Ameliorates Diabetes-Induced Proangiogenic Response in Brain Endothelial Cells through a GSK-3Î² Inhibition-Induced Reduction of VEGF Release. Journal of Diabetes Research, 2017, 2017, 1-9.	2.3	12
58	Amino-carboxamide benzothiazoles as potential LSD1 hit inhibitors. Part I: Computational fragment-based drug design. Journal of Molecular Graphics and Modelling, 2019, 93, 107440.	2.4	12
59	Green synthesis of zinc oxide nanoflowers using Hypericum triquetrifolium extract: characterization, antibacterial activity and cytotoxicity against lung cancer A549 cells. Applied Organometallic Chemistry, 2020, 34, e5667.	3.5	12
60	Computational and experimental exploration of the structureâ€“activity relationships of flavonoids as potent glyoxalaseâ€‰inhibitors. Drug Development Research, 2018, 79, 58-69.	2.9	11
61	In vitro propagation, genetic stability, and secondary metabolite analysis of wild lavender (Lavandula) Tj ETQq1 1 0.784314 rgBT /Ove	2.1	10
62	Ellagic acid: A potent glyoxalase-I inhibitor with a unique scaffold. Acta Pharmaceutica, 2021, 71, 115-130.	2.0	10
63	Piperine Alters the Pharmacokinetics and Anticoagulation of Warfarin in Rats . Journal of Experimental Pharmacology, 2020, Volume 12, 169-179.	3.2	9
64	Seasonal variation of colchicine content in Colchicum brachyphyllum and Colchicum tunicatum (Colchicaceae). Natural Product Research, 2006, 20, 1121-1128.	1.8	8
65	7-O-methylpunctatin, a Novel Homoisoflavonoid, Inhibits Phenotypic Switch of Human Arteriolar Smooth Muscle Cells. Biomolecules, 2019, 9, 716.	4.0	8
66	The effect of hawthorn flower and leaf extract (Crataegus Spp.) on cardiac hemostasis and oxidative parameters in Sprague Dawley rats. Heliyon, 2020, 6, e04617.	3.2	8
67	Chemical space and diversity of seaweed metabolite database (SWMD): A cheminformatics study. Journal of Molecular Graphics and Modelling, 2020, 100, 107702.	2.4	8
68	Novel Thiazole Carboxylic Acid Derivatives Possessing a â€œZinc Binding Featureâ€•as Potential Human Glyoxalase-I Inhibitors. Letters in Drug Design and Discovery, 2017, 14, .	0.7	8
69	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
70	Coumarins, dihydroisocoumarins, a dibenzo-Î±-pyrone, a meroterpenoid, and a merodrimane from Talaromyces amestolkiae. Tetrahedron Letters, 2021, 72, 153067.	1.4	7
71	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
72	Biochemical evaluation of selected grape varieties (Vitis vinifera L.) grown in Jordan and in vitro evaluation of grape seed extract on human prostate cancer cells. Food Bioscience, 2018, 24, 103-110.	4.4	6

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73	Phenethyisoquinoline alkaloids from the leaves of Androcymbium palaestinum. FÃ¬toterapÃ¬Ã¢, 2020, 146, 104706.	2.2	6
74	The effect of cannabidiol on the pharmacokinetics of carbamazepine in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1871-1886.	3.0	4
75	Simultaneous determination of warfarin and 7-hydroxywarfarin in rat plasma by HPLC-FLD. Acta Pharmaceutica, 2020, 70, 343-357.	2.0	4
76	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
77	Knowledge and perceptions of synthetic cannabinoids among university students in Jordan. PLoS ONE, 2021, 16, e0253632.	2.5	4
78	Bioinformatics Analysis Reveals FOXM1/BUB1B Signaling Pathway as a Key Target of Neosetophomone B in Human Leukemic Cells: A Gene Network-Based Microarray Analysis. Frontiers in Oncology, 0, 12, .	2.8	4
79	Liquid Chromatography-Mass Spectroscopy and Liquid Chromatography-Ultraviolet/Visible Photodiode Array Analysis of Selected Colchicum Species. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2012, 67, 451-460.	1.4	2
80	UPLC-HRESI-MS and GC-MS analysis of the leaves of Nicotiana glauca. Acta Pharmaceutica, 2022, 72, 97-108.	2.0	2
81	De-inventing the wheel: Dereplication tools for natural products research. Planta Medica, 2012, 78, .	1.3	1
82	Cytotoxic Polyketides from an Unidentified Fungus (MSX 45109). Planta Medica, 2013, 79, .	1.3	1
83	Profiling fungal cultures in situ via the droplet-LMJ-SSP coupled with UPLC-PDA-HRMS-MS/MS. Planta Medica, 2015, 81, .	1.3	1
84	Liquid Chromatography-Mass Spectroscopy and Liquid Chromatography-Ultraviolet/Visible Photodiode Array Analysis of Selected Colchicum Species. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2012, 67, 0451.	1.4	1
85	Two benzoquinones and one terphenyl compound from an unidentified fungus (MSX 47445). Planta Medica, 2012, 78, .	1.3	0
86	Antimicrobial Endophytes from the Antimicrobial Botanical Yerba mansa (Anemposis californica). Planta Medica, 2013, 79, .	1.3	0
87	Mycology and Chemical Investigations of Fungal Endophytes from Medicinal Herbs (Milk Thistle and) Tj ETQq1 1 0.784314 rgBT /Over	1.3	0
88	Alkaloids from Glaucium Aleppicum Papaveraceae. Jordan Journal of Pharmaceutical Sciences, 2013, 6, 308-313.	1.1	0
89	Exploring fungal ecology with desorption electrospray ionization mass spectrometry imaging. Planta Medica, 2014, 80, .	1.3	0
90	Chemical investigation of fungal endophytes from Echinacea purpurea. Planta Medica, 2014, 80, .	1.3	0

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91	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
92	Chemical mycology of freshwater ascomycetes from North Carolina, USA. Planta Medica, 2015, 81, .	1.3	0