Jalloul Bouajila

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Kombucha analogues around the world: A review. Critical Reviews in Food Science and Nutrition, 2023, 63, 10105-10129.	5.4	9
2	Synthesis of new halogenated flavonoid-based isoxazoles: in vitro and in silico evaluation of a-amylase inhibitory potential, a SAR analysis and DFT studies. Journal of Molecular Structure, 2022, 1247, 131379.	1.8	13
3	Antifungal and Antiaflatoxinogenic Effects of Cymbopogon citratus, Cymbopogon nardus, and Cymbopogon schoenanthus Essential Oils Alone and in Combination. Journal of Fungi (Basel,) Tj ETQq1 1 0.7843	31 4. æBT/	Ov ed ock 10
4	Eucalyptus brevifolia F. Muell and Eucalyptus stricklandii Maiden leaves extracts: HPLC-DAD, GC-MS analysis and in vitro biological activities, combined with the principal component analysis. South African Journal of Botany, 2022, 147, 826-839.	1.2	6
5	Variation in chemical composition and biological properties of two Tunisian <i>Eucalyptus</i> essential oils under three eco-friendly extraction techniques. Journal of Essential Oil Research, 2022, 34, 36-53.	1.3	3
6	Study on the Chemical Composition and the Biological Activities of Vitis vinifera Stem Extracts. Molecules, 2022, 27, 3109.	1.7	10
7	Metabolites Profiling of Manilkara mabokeensis Aubrév Bark and Investigation of Biological Activities. International Journal of Analytical Chemistry, 2022, 2022, 1-14.	0.4	0
8	Physicochemical properties of bacterial cellulose obtained from different Kombucha fermentation conditions. Journal of Vinyl and Additive Technology, 2021, 27, 183-190.	1.8	13
9	Deverra tortuosa (Desf.) DC from Saudi Arabia as a new source of marmin and furanocoumarins derivatives with α-glucosidase, antibacterial and cytotoxic activities. Heliyon, 2021, 7, e06656.	1.4	6
10	<i>Staphylococcus aureus</i> membrane-damaging activities of four phenolics. FEMS Microbiology Letters, 2021, 368, .	0.7	2
11	Phytochemical Composition, Antioxidant, Antiacetylcholinesterase, and Cytotoxic Activities of Rumex crispus L International Journal of Analytical Chemistry, 2021, 2021, 1-16.	0.4	12
12	Clove Buds Essential Oil: The Impact of Grinding on the Chemical Composition and Its Biological Activities Involved in Consumer's Health Security. BioMed Research International, 2021, 2021, 1-11.	0.9	7
13	Phenolic Compounds of Rumex roseus L. Extracts and Their Effect as Antioxidant and Cytotoxic Activities. BioMed Research International, 2021, 2021, 1-10.	0.9	3
14	New 1,2,3-triazole linked flavonoid conjugates: Microwave-assisted synthesis, cytotoxic activity and molecular docking studies. Journal of Molecular Structure, 2021, 1246, 131216.	1.8	7
15	Biological activities and chemical characterization of the Lebanese endemic plant <i>Origanum ehrenbergii</i> Boiss. Flavour and Fragrance Journal, 2021, 36, 339-351.	1.2	12
16	Development and Characterization of Novel Bigel-Based 1,4-Naphthoquinones for Topical Application with Antioxidant Potential. Arabian Journal for Science and Engineering, 2020, 45, 53-61.	1.7	8
17	The antioxidant 2,3â€dichloro,5,8â€dihydroxy,1,4â€naphthoquinone inhibits acetylâ€cholinesterase activity and amyloid β ₄₂ aggregation: A dual target therapeutic candidate compound for the treatment of Alzheimer's disease. Biotechnology and Applied Biochemistry, 2020, 67, 983-990.	1.4	5
18	Metabolome-microbiome signatures in the fermented beverage, Kombucha. International Journal of Food Microbiology, 2020, 333, 108778.	2.1	94

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19	African mustard (<i>Brassica tournefortii</i>) as source of nutrients and nutraceuticals properties. Journal of Food Science, 2020, 85, 1856-1871.	1.5	20
20	Spectroscopic and chromatographic investigation of soil organic matter composition for different agrosystems from arid saline soils from Southeastern Tunisia. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	7
21	CO2 enrichment: Enhancing antioxidant, antibacterial and anticancer activities in Arthrospira platensis. Food Bioscience, 2020, 35, 100575.	2.0	12
22	Phenyllactic Acid Produced by Geotrichum candidum Reduces Fusarium sporotrichioides and F. langsethiae Growth and T-2 Toxin Concentration. Toxins, 2020, 12, 209.	1.5	15
23	Evaluation of in vitro biological activities: antioxidant; anti-inflammatory; anti-cholinesterase; anti- xanthine oxidase, anti-superoxyde dismutase, anti-α-glucosidase and cytotoxic of 19 bioflavonoids. Cellular and Molecular Biology, 2020, 66, 9-19.	0.3	8
24	An Easy Efficient Method of Veterinary Drug Residue Analysis in Raw Milk by RP-HPLC-UV with Application to Raw Milk. Current Pharmaceutical Analysis, 2020, 16, 942-949.	0.3	3
25	Evaluation of in vitro biological activities: antioxidant; anti-inflammatory; anti-cholinesterase; anti- xanthine oxidase, anti-superoxyde dismutase, anti-α-glucosidase and cytotoxic of 19 bioflavonoids. Cellular and Molecular Biology, 2020, 66, 9-19.	0.3	3
26	Synthesis, molecular properties, anti-inflammatory and anticancer activities of novel 3-hydroxyflavone derivatives. Bioorganic Chemistry, 2019, 89, 103009.	2.0	12
27	Kombucha fermentation of African mustard (Brassica tournefortii) leaves: Chemical composition and bioactivity. Food Bioscience, 2019, 30, 100414.	2.0	51
28	Impact of fermentation conditions on the production of bioactive compounds with anticancer, anti-inflammatory and antioxidant properties in kombucha tea extracts. Process Biochemistry, 2019, 83, 44-54.	1.8	111
29	Plant antimicrobial polyphenols as potential natural food preservatives. Journal of the Science of Food and Agriculture, 2019, 99, 1457-1474.	1.7	271
30	Salvia officinalis essential oil: Chemical analysis and evaluation of anti-enzymatic and antioxidant bioactivities. South African Journal of Botany, 2019, 120, 253-260.	1.2	63
31	Enhanced solvent-free microwave extraction of Foeniculum vulgare Mill. essential oil seeds using double walled reactor. Arabian Journal of Chemistry, 2019, 12, 3863-3870.	2.3	26
32	Cytotoxicity of new secondary metabolites, fatty acids and tocols composition of seeds of <i>Ducrosia anethifolia</i> (DC.) Boiss. Natural Product Research, 2019, 33, 708-714.	1.0	10
33	Effect of interactions of plant phenolics with bovine meat proteins on their antibacterial activity. Food Control, 2018, 90, 189-198.	2.8	11
34	The impact of regional locality on chemical composition, anti-oxidant and biological activities of Thymelaea hirsuta L. extracts. Phytomedicine, 2018, 41, 13-23.	2.3	17
35	Fatty acid composition, cytotoxicity and anti-inflammatory evaluation of melon (Cucumis melo L.) Tj ETQq1 1 0 53, 2622-2627.	.784314 rg 1.3	gBT /Overlock 13
36	Understanding Kombucha Tea Fermentation: A Review. Journal of Food Science, 2018, 83, 580-588.	1.5	286

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37	New cytotoxic sesquiterpene lactones from <i>Achillea cretica</i> L. growing in Tunisia. Journal of Asian Natural Products Research, 2018, 20, 344-351.	0.7	5
38	Synthesis of new anticancer and anti-inflammatory isoxazolines and aziridines from the natural (-)-deltoin. Journal of Pharmacy and Pharmacology, 2018, 70, 1700-1712.	1.2	9
39	Chemical Composition and Behavioral Effects of Five Plant Essential Oils on the Green Pea Aphid <i>Acyrthosiphon pisum</i> (<scp>Harris</scp>) (Homoptera: Aphididae). Chemistry and Biodiversity, 2017, 14, e1600464.	1.0	9
40	Preservation of fresh ground beef patties using plant extracts combined with a modified atmosphere packaging. European Food Research and Technology, 2017, 243, 1997-2009.	1.6	28
41	Palladium-catalyzed nucleophilic allylic substitution of Morita–Baylis–Hillman adducts with enamines: Synthesis of 1,5-dicarbonyl compounds. Comptes Rendus Chimie, 2017, 20, 484-491.	0.2	5
42	Efficiency of the optimized microwave assisted extractions on the yield, chemical composition and biological activities of Tunisian Rosmarinus officinalis L. essential oil. Food and Bioproducts Processing, 2017, 105, 224-233.	1.8	43
43	Chemical composition and biological activities of extracts and essential oil of <i>Boswellia dalzielii</i> leaves. Pharmaceutical Biology, 2017, 55, 33-42.	1.3	62
44	Chemical Composition and <i>In Vitro</i> Evaluation of Antimicrobial, Antioxidant and Antigerminative Properties of the Seed Oil from the Tunisian Endemic <i>Ferula tunetana </i> <scp>Pomel</scp> ex <scp>Batt</scp> Chemistry and Biodiversity, 2017, 14, e1600116.	1.0	20
45	Two New Bioactive Biphenylpropanoids from the Roots of Salsola imbricata (Chenopodiaceae) Growing in Saudi Arabia. Oriental Journal of Chemistry, 2017, 33, 1871-1878.	0.1	4
46	<i>Elionurus tristis</i> Essential Oil: GC-MS Analysis and Antioxidant and Antituberculosis Activities. Natural Product Communications, 2017, 12, 1934578X1701200.	0.2	1
47	Bioactive flavones isolated from Tunisian Artemisia campestris L. Leaves. Cellular and Molecular Biology, 2017, 63, 86-91.	0.3	9
48	Synthesis of New Arylidene 2,5-Diketopiperazines and Evaluation of their Anti-Acetylcholinesterase, Anti-xanthine Oxidase, Anti-diabetic and Cytotoxic Activities. Medicinal Chemistry, 2017, 13, 744-752.	0.7	2
49	Synthesis of New Harmine Isoxazoles and Evaluation of their Potential Anti-Alzheimer, Anti-inflammatory, and Anticancer Activities. Medicinal Chemistry, 2016, 12, 184-190.	0.7	18
50	Synthesis of novel diazaphosphinanes coumarin derivatives with promoted cytotoxic and anti-tyrosinase activities. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2450-2454.	1.0	31
51	Synthesis, cytotoxic, anti-lipoxygenase and anti-acetylcholinesterase capacities of novel derivatives from harmine. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 23-33.	2.5	18
52	Synthesis and biological evaluation of novel pyrazolopyrimidines derivatives as anticancer and anti-5-lipoxygenase agents. Bioorganic Chemistry, 2016, 66, 160-168.	2.0	51
53	Synthesis and evaluation of chromone-2-carboxamide derivatives as cytotoxic agents and 5-lipoxygenase inhibitors. Medicinal Chemistry Research, 2016, 25, 2547-2556.	1.1	11
54	Phytochemical composition, protective and therapeutic effect on gastric ulcer and α-amylase inhibitory activity of Achillea biebersteinii Afan Archives of Pharmacal Research, 2016, 39, 10-20.	2.7	34

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55	Synthesis of a Series of Î ³ -Keto Allyl Phosphonates. Journal of Organic Chemistry, 2016, 81, 1757-1761.	1.7	22
56	In vitro anti-cholinesterase and anti-hyperglycemic activities of flowers extracts from seven pomegranate varieties. Industrial Crops and Products, 2016, 81, 176-179.	2.5	24
57	Design, synthesis of novel pyranotriazolopyrimidines and evaluation of their anti-soybean lipoxygenase, anti-xanthine oxidase, and cytotoxic activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1277-1285.	2.5	6
58	<i>Teucrium ramosissimum (Lamiaceae)</i> : Volatile Composition, Seasonal Variation, and Pharmaceutical Activity. Analytical Letters, 2016, 49, 1258-1271.	1.0	12
59	The Effect of Cultivar and Ripening on Antioxidant System and PAL Activity of Pomegranate (<i>P</i>) Tj ETQq1	1 0,78431 1,2	4 rgBT /Overl
60	Antioxidant activity and hepatoprotective potential of Cedrelopsis grevei on cypermethrin induced oxidative stress and liver damage in male mice. BMC Complementary and Alternative Medicine, 2015, 15, 251.	3.7	30
61	A new sesquiterpene lactone and seco guaianolides from Achillea cretica L. growing in Tunisia. Industrial Crops and Products, 2015, 77, 735-740.	2.5	14
62	Chemical composition, biological and cytotoxic activities of Cistus salviifolius flower buds and leaves extracts. Industrial Crops and Products, 2015, 76, 1100-1105.	2.5	52
63	Phytochemical and phytotoxic investigation of the flowers from Citharexylum spinosum L Industrial Crops and Products, 2015, 76, 653-659.	2.5	12
64	Synthesis of new isoxazoline derivatives from harmine and evaluation of their anti-Alzheimer, anti-cancer and anti-inflammatory activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 371-376.	2.5	63
65	Preliminary <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Antidiabetic Activity of <i>Ducrosia anethifolia</i> Boiss. and Its Linear Furanocoumarins. BioMed Research International, 2014, 2014, 1-13.	0.9	39
66	Two new unusual monoterpene acid glycosides from Acacia cyclops with potential cytotoxic activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3777-3781.	1.0	15
67	Chemical Composition, Biological and Cytotoxic Activities of Plant Extracts and Compounds Isolated from Ferula lutea. Molecules, 2014, 19, 2733-2747.	1.7	29
68	Antioxidant, 5-Lipoxygenase Inhibitory and Cytotoxic Activities of Compounds Isolated from the Ferula lutea Flowers. Molecules, 2014, 19, 16959-16975.	1.7	57
69	Comparison of different methods for extraction from Tetraclinis articulata: Yield, chemical composition and antioxidant activity. Food Chemistry, 2013, 141, 3537-3545.	4.2	49
70	Supercritical CO2 extraction of Tetraclinis articulata: Chemical composition, antioxidant activity and mathematical modeling. Journal of Supercritical Fluids, 2013, 82, 72-82.	1.6	30
71	Determination of free amino acids in African gourd seed milks by capillary electrophoresis with lightâ€emitting diode induced fluorescence and laserâ€induced fluorescence detection. Electrophoresis, 2013, 34, 2632-2638.	1.3	12
72	Antimutagenic Effect of Origanum majorana L. Essential Oil Against Prallethrin-Induced Genotoxic Damage in Rat Bone Marrow Cells. Journal of Medicinal Food, 2013, 16, 1101-1107.	0.8	14

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73	Assessment of antioxidant, anti-inflammatory, anti-cholinesterase and cytotoxic activities of pomegranate (Punica granatum) leaves. Food and Chemical Toxicology, 2013, 55, 470-475.	1.8	137
74	Chemical composition and anticancer, antiinflammatory, antioxidant and antimalarial activities of leaves essential oil of Cedrelopsis grevei. Food and Chemical Toxicology, 2013, 56, 352-362.	1.8	102
75	Composition and anti-oxidant, anti-cancer and anti-inflammatory activities of Artemisia herba-alba, Ruta chalpensis L. and Peganum harmala L Food and Chemical Toxicology, 2013, 55, 202-208.	1.8	154
76	Chemical Composition and Antioxidant, Anti-Inflammatory, and Antiproliferation Activities of Pomegranate (<i>Punica granatum</i>) Flowers. Journal of Medicinal Food, 2013, 16, 544-550.	0.8	54
77	LC–MS analysis, anticancer, antioxidant and antimalarial activities of Cynodon dactylon L. extracts. Industrial Crops and Products, 2013, 45, 240-247.	2.5	21
78	Amelioration of Prallethrin-Induced Oxidative Stress and Hepatotoxicity in Rat by the Administration of <i>Origanum majorana</i> Essential Oil. BioMed Research International, 2013, 2013, 1-11.	0.9	46
79	Comparison between Supercritical CO ₂ Extraction and Hydrodistillation for Two Species of Eucalyptus: Yield, Chemical Composition, and Antioxidant Activity. Journal of Food Science, 2013, 78, C667-72.	1.5	22
80	<i>Ruta chalepensis</i> L. Essential Oil: Chemical Composition and Phytotoxic Activity. Journal of Biologically Active Products From Nature, 2012, 2, 341-352.	0.1	3
81	Supercritical CO ₂ Extract and Essential Oil of <i>Ruta chalepensis</i> L. Growing in Tunisia: A Natural Source of Undecan-2-one. Analytical Chemistry Letters, 2012, 2, 290-300.	0.4	6
82	Season's Variation Impact on <i>Citrus aurantium</i> Leaves Essential Oil: Chemical Composition and Biological Activities. Journal of Food Science, 2012, 77, T173-80.	1.5	43
83	Chemical Composition and in Vitro Evaluation of the Antioxidant and Antimicrobial Activities of Eucalyptus gillii Essential Oil and Extracts. Molecules, 2012, 17, 9540-9558.	1.7	36
84	Relation between Chemical Composition or Antioxidant Activity and Antihypertensive Activity for Six Essential Oils. Journal of Food Science, 2012, 77, H184-91.	1.5	18
85	Recent advances in amino acid analysis by capillary electrophoresis. Electrophoresis, 2012, 33, 14-35.	1.3	57
86	Chemical Composition and in vitro Antimicrobial and Antioxidant Activities of Citrus aurantium L. Flowers Essential Oil (Neroli Oil). Pakistan Journal of Biological Sciences, 2012, 15, 1034-1040.	0.2	59
87	Chemical composition and in vitro evaluation of antimicrobial and anti-acetylcholinesterase properties of the flower oil of Ferula lutea. Natural Product Communications, 2012, 7, 947-50.	0.2	12
88	Chemical Study and Antimalarial, Antioxidant, and Anticancer Activities of <i>Melaleuca armillaris</i> (Sol Ex Gateau) Sm Essential Oil. Journal of Medicinal Food, 2011, 14, 1383-1388.	0.8	28
89	Eucalyptus oleosa Essential Oils: Chemical Composition and Antimicrobial and Antioxidant Activities of the Oils from Different Plant Parts (Stems, Leaves, Flowers and Fruits). Molecules, 2011, 16, 1695-1709.	1.7	131
90	Insights into the redox cycle of human quinone reductase 2. Free Radical Research, 2011, 45, 1184-1195.	1.5	53

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91	Helichrysum gymnocephalum Essential Oil: Chemical Composition and Cytotoxic, Antimalarial and Antioxidant Activities, Attribution of the Activity Origin by Correlations. Molecules, 2011, 16, 8273-8291.	1.7	59
92	Global Chemical Composition and Antioxidant and Anti-Tuberculosis Activities of Various Extracts of Globularia alypum L. (Globulariaceae) Leaves. Molecules, 2011, 16, 10592-10603.	1.7	37
93	Influence of the Process, Season, and Origin on Volatile Composition and Antioxidant Activity ofâ€, <i>Juniperus phoenicea</i> â€,L. Leaves Essential Oils. Journal of Food Science, 2011, 76, C224-30.	1.5	18
94	Oregano: Chemical Analysis and Evaluation of Its Antimalarial, Antioxidant, and Cytotoxic Activities. Journal of Food Science, 2011, 76, C512-8.	1.5	122
95	Pomegranate (<i>Punica granatum</i>) Juices: Chemical Composition, Micronutrient Cations, and Antioxidant Capacity. Journal of Food Science, 2011, 76, C795-800.	1.5	62
96	The influence of organ, season and drying method on chemical composition and antioxidant and antimicrobial activities of <i>Juniperus phoenicea</i> L. essential oils. Journal of the Science of Food and Agriculture, 2010, 90, 462-470.	1.7	36
97	Synthesis and Antiplasmodial Activity of New Indolone <i>N</i> Oxide Derivatives. Journal of Medicinal Chemistry, 2010, 53, 699-714.	2.9	48
98	Chemical study, antimalarial and antioxidant activities, and cytotoxicity to human breast cancer cells (MCF7) of Argania spinosa. Phytomedicine, 2010, 17, 157-160.	2.3	33
99	Chemical Composition and Anticancer and Antioxidant Activities ofâ€, <i>Schinus Molle</i> â€,L. andâ€, <i>Schin</i> usâ€, <i>Terebinthifolius</i> â€,Raddi Berries Essential Oils. Journal of Food Science, 2010, 75, C466-72.	1.5	168
100	<i>Eucalyptus</i> (<i>gracilis, oleosa, salubris</i> , and <i>salmonophloia</i>) Essential Oils: Their Chemical Composition and Antioxidant and Antimicrobial Activities. Journal of Medicinal Food, 2010, 13, 1005-1012.	0.8	26
101	Essential Oil of <i>Thymus capitatus</i> Hoff. et Link. from Matmata, Tunisia: Gas Chromatography-Mass Spectrometry Analysis and Antimicrobial and Antioxidant Activities. Journal of Medicinal Food, 2010, 13, 1500-1504.	0.8	38
102	GC/MS analysis and antimicrobial and antioxidant activities of essential oil of <i>Eucalyptus radiata</i> . Journal of the Science of Food and Agriculture, 2009, 89, 1292-1297.	1.7	26
103	Chemical Composition and Antimicrobial and Antioxidant Activities ofâ€, <i>Mentha</i> â€,(<i>longifolia</i> â€,L. andâ€, <i>viridis</i>) Essential Oils. Journal of Food Science, 2009, 7 M358-63.	4,1.5	182
104	Chemical Composition and Antimicrobial and Antioxidant Activities of Essential Oils and Various Extracts ofâ€, <i>Juniperus phoenicea</i> â€,L. (Cupressacees). Journal of Food Science, 2009, 74, M364-71.	1.5	74
105	α-Phenyl-N-tert-butyl nitrone (PBN) derivatives: Synthesis and protective action against microvascular damages induced by ischemia/reperfusion. Bioorganic and Medicinal Chemistry, 2007, 15, 3572-3578.	1.4	30
106	Very small injected samples to study chloroquine and quinine in human serum using capillary-LC and native fluorescence. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 850, 481-487.	1.2	22
107	Determination of non-steroidal anti-inflammatory drugs in pharmaceuticals and human serum by dual-mode gradient HPLC and fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 857, 59-66.	1.2	47
108	Some laws of a lignin plasticization. Journal of Applied Polymer Science, 2006, 102, 1445-1451.	1.3	106

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109	Lignin plasticization to improve binderless fiberboard mechanical properties. Polymer Engineering and Science, 2005, 45, 809-816.	1.5	66
110	Phytochemical study and pharmaceutical properties of essential oils and organic extracts of two <i>Eucalyptus</i> species: <i>E. stricklandii</i> Maiden and <i>E. brevifolia</i> F.Muell. Journal of Essential Oil Research, 0, , 1-13.	1.3	2