

Manef Abderrabba

List of Publications by Year in descending order

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192
papers

5,490
citations

109264

35
h-index

102432

66
g-index

196
all docs

196
docs citations

196
times ranked

7913
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species, heat stress and oxidative-induced mitochondrial damage. A review. <i>International Journal of Hyperthermia</i> , 2014, 30, 513-523.	1.1	516
2	Heat stress effects on livestock: molecular, cellular and metabolic aspects, a review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 401-412.	1.0	393
3	The effects of solvents and extraction method on the phenolic contents and biological activities in vitro of Tunisian <i>Quercus coccifera</i> L. and <i>Juniperus phoenicea</i> L. fruit extracts. <i>Food Chemistry</i> , 2007, 105, 1126-1134.	4.2	314
4	Tunisian <i>Salvia officinalis</i> L. and <i>Schinus molle</i> L. essential oils: Their chemical compositions and their preservative effects against <i>Salmonella</i> inoculated in minced beef meat. <i>International Journal of Food Microbiology</i> , 2008, 125, 242-251.	2.1	233
5	Chemical and Antioxidant Properties of Betalains. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 675-689.	2.4	179
6	Temperature dependence of the transfer integrals in the (TMTSF) ₂ X and (TMTTF) ₂ X families. <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, 3805-3820.	1.5	147
7	The prolongation of the lifespan of rats by repeated oral administration of [60]fullerene. <i>Biomaterials</i> , 2012, 33, 4936-4946.	5.7	147
8	Eucalyptus oleosa Essential Oils: Chemical Composition and Antimicrobial and Antioxidant Activities of the Oils from Different Plant Parts (Stems, Leaves, Flowers and Fruits). <i>Molecules</i> , 2011, 16, 1695-1709.	1.7	131
9	Hydroalcoholic extract based ointment from <i>Punica granatum</i> L. peels with enhanced in vivo healing potential on dermal wounds. <i>Phytomedicine</i> , 2011, 18, 976-984.	2.3	125
10	Temperature and salt addition effects on the solubility behaviour of some phenolic compounds in water. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 297-303.	1.0	107
11	Adsorption of copper on chitin-based materials: Kinetic and thermodynamic studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 65, 140-148.	2.7	93
12	Chemical composition of the essential oil of <i>Ruta chalepensis</i> L: Influence of drying, hydro-distillation duration and plant parts. <i>Industrial Crops and Products</i> , 2010, 32, 671-673.	2.5	92
13	Solubility of gallic acid in liquid mixtures of (ethanol+water) from (293.15 to 318.15)K. <i>Journal of Chemical Thermodynamics</i> , 2012, 55, 75-78.	1.0	86
14	Aliphatic hydrocarbons, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, organochlorine, and organophosphorous pesticides in surface sediments from the Arc river and the Berre lagoon, France. <i>Environmental Science and Pollution Research</i> , 2012, 19, 559-576.	2.7	77
15	Chemical Composition and Antimicrobial and Antioxidant Activities of Essential Oils and Various Extracts of <i>Juniperus phoenicea</i> L. (Cupressaceae). <i>Journal of Food Science</i> , 2009, 74, M364-71.	1.5	74
16	<i>Rosmarinus officinalis</i> polyphenols activate cholinergic activities in PC12 cells through phosphorylation of ERK1/2. <i>Journal of Ethnopharmacology</i> , 2010, 131, 451-458.	2.0	71
17	Mechanism of action of <i>Melaleuca armillaris</i> (Sol. Ex Gaertn) Sm. essential oil on six LAB strains as assessed by multiparametric flow cytometry and automated microtiter-based assay. <i>Food Chemistry</i> , 2008, 111, 707-718.	4.2	67
18	Development of novel antimicrobial films based on poly(lactic acid) and essential oils. <i>Reactive and Functional Polymers</i> , 2016, 109, 1-8.	2.0	60

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19	Sonochemical synthesis of FeO@NH-mesoporous silica@Polypyrrole/Pd: A core/double shell nanocomposite for catalytic applications. <i>Ultrasonics Sonochemistry</i> , 2018, 41, 551-561.	3.8	59
20	Mesoporous silica/polyacrylamide composite: Preparation by UV-graft photopolymerization, characterization and use as Hg(II) adsorbent. <i>Applied Surface Science</i> , 2016, 367, 181-189.	3.1	57
21	Improvement of vegetable oils quality in frying conditions by adding rosemary extract. <i>Industrial Crops and Products</i> , 2015, 74, 592-599.	2.5	55
22	Towards a high yield recovery of polyphenols from olive mill wastewater on activated carbon coated with milk proteins: Experimental design and antioxidant activity. <i>Food Chemistry</i> , 2018, 262, 102-109.	4.2	54
23	Effect of salts on the solubility of phenolic compounds: experimental measurements and modelling. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 783-788.	1.7	49
24	Supercritical extraction from <i>Citrus aurantium amara</i> peels using CO ₂ with ethanol as co-solvent. <i>Journal of Supercritical Fluids</i> , 2016, 117, 33-39.	1.6	48
25	Composition and insecticidal activity of essential oil from <i>Pistacia lentiscus</i> L. against <i>Ectomyelois ceratoniae</i> Zeller and <i>Ephestia kuehniella</i> Zeller (Lepidoptera: Pyralidae). <i>Journal of Stored Products Research</i> , 2010, 46, 242-247.	1.2	43
26	Season's Variation Impact on <i>Citrus aurantium</i> Leaves Essential Oil: Chemical Composition and Biological Activities. <i>Journal of Food Science</i> , 2012, 77, T173-80.	1.5	43
27	Effect of harvest time on the yield and composition of Tunisian myrtle oils. <i>Flavour and Fragrance Journal</i> , 2005, 20, 274-277.	1.2	42
28	Fumigant and repellent potentials of <i>Ricinus communis</i> and <i>Mentha pulegium</i> essential oils against <i>Tribolium castaneum</i> and <i>Lasioderma serricornes</i> . <i>International Journal of Food Properties</i> , 2017, 20, S2899-S2913.	1.3	42
29	Nanoparticulate TiO ₂ –Al ₂ O ₃ Photocatalytic Media: Effect of Particle Size and Polymorphism on Photocatalytic Activity. <i>ACS Catalysis</i> , 2012, 2, 1884-1892.	5.5	41
30	Tunisian Milk Thistle: An Investigation of the Chemical Composition and the Characterization of Its Cold-Pressed Seed Oils. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2582.	1.8	41
31	Removal of cadmium from aqueous solutions by adsorption onto polyethylenimine-functionalized mesocellular silica foam: Equilibrium properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 66, 372-378.	2.7	39
32	Solubility of Gallic Acid, Vanillin, Syringic Acid, and Protocatechuic Acid in Aqueous Sulfate Solutions from (293.15 to 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 1675-1678.	1.0	38
33	Luteolin enhances cholinergic activities in PC12 cells through ERK1/2 and PI3K/Akt pathways. <i>Brain Research</i> , 2012, 1437, 16-25.	1.1	38
34	Temperature dependence of the Fermi surface topography in the (TOTSF) ₂ X and (TMTTF) ₂ X families. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, L947-L951.	1.5	36
35	The influence of organ, season and drying method on chemical composition and antioxidant and antimicrobial activities of <i>Juniperus phoenicea</i> L. essential oils. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 462-470.	1.7	36
36	Modeling Localized Photoinduced Electrons in Rutile-TiO ₂ Using Periodic DFT+U Methodology. <i>Langmuir</i> , 2010, 26, 16232-16238.	1.6	36

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37	Chemical Composition and in Vitro Evaluation of the Antioxidant and Antimicrobial Activities of Eucalyptus gillii Essential Oil and Extracts. <i>Molecules</i> , 2012, 17, 9540-9558.	1.7	36
38	Hirseins A and B, Daphnane Diterpenoids from <i>Thymelaea hirsuta</i> That Inhibit Melanogenesis in B16 Melanoma Cells. <i>Journal of Natural Products</i> , 2009, 72, 938-941.	1.5	35
39	Functional Chitosan Derivative and Chitin as Decolorization Materials for Methylene Blue and Methyl Orange from Aqueous Solution. <i>Materials</i> , 2019, 12, 361.	1.3	35
40	Temperature Effect on the Distribution of Some Phenolic Compounds: An Experimental Measurement of 1-Octanol/Water Partition Coefficients. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 488-491.	1.0	34
41	Amine-modified mesoporous silica for quantitative adsorption and release of hydroxytyrosol and other phenolic compounds from olive mill wastewater. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 111-118.	2.7	34
42	Variability in essential oil composition of Tunisian <i>Thymus capitatus</i> (L.) Hoffmanns. et Link.. <i>Flavour and Fragrance Journal</i> , 2002, 17, 26-28.	1.2	33
43	In vitro effects of triterpenic acids from olive leaf extracts on the mitochondrial membrane potential of promastigote stage of <i>Leishmania</i> spp. <i>Phytomedicine</i> , 2014, 21, 1689-1694.	2.3	33
44	Solid-liquid phase equilibrium and thermodynamic properties of vanillic acid in different pure solvents. <i>Journal of Molecular Liquids</i> , 2016, 223, 261-266.	2.3	32
45	Ligand-modified mesoporous silica SBA-15/silver hybrids for the catalyzed reduction of methylene blue. <i>RSC Advances</i> , 2016, 6, 57672-57682.	1.7	32
46	Activity of olive leaf extracts against the promastigote stage of <i>Leishmania</i> species and their correlation with the antioxidant activity. <i>Experimental Parasitology</i> , 2014, 141, 106-111.	0.5	31
47	Programmed cell death in <i>Acanthamoeba castellanii</i> Neff induced by several molecules present in olive leaf extracts. <i>PLoS ONE</i> , 2017, 12, e0183795.	1.1	29
48	Development of metal hydroxide nanoparticles from eggshell waste and seawater and their application as flame retardants for ethylene-vinyl acetate copolymer (EVA). <i>International Journal of Biological Macromolecules</i> , 2019, 128, 994-1001.	3.6	29
49	GC-MS analysis of the volatile profile and the essential oil compositions of Tunisian <i>Borago Officinalis</i> L.: Regional locality and organ dependency. <i>Industrial Crops and Products</i> , 2019, 129, 290-298.	2.5	29
50	Effective conjugation in conjugated polymers with strongly twisted backbones: a case study on fluorinated MEHPPV. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6900-6906.	2.7	27
51	Graphene oxide nanosheet as a two-dimensional polyelectrolyte: pH-responsive behavior of a multilayered nanomembrane. <i>Journal of Membrane Science</i> , 2019, 585, 191-198.	4.1	27
52	<i>Eucalyptus</i> (<i>gracilis</i> , <i>oleosa</i> , <i>salubris</i>), and <i>salmonophloia</i> Essential Oils: Their Chemical Composition and Antioxidant and Antimicrobial Activities. <i>Journal of Medicinal Food</i> , 2010, 13, 1005-1012.	0.8	26
53	Control of the crystal habit and magnetic properties of Co nanoparticles through the stirring rate. <i>CrystEngComm</i> , 2017, 19, 3476-3484.	1.3	26
54	Chemical composition and insecticidal activity of essential oil from coriander fruit against <i>Tribolium castaneum</i> , <i>Sitophilus oryzae</i> , and <i>Lasioderma serricorne</i> . <i>International Journal of Food Properties</i> , 2017, 20, S2833-S2845.	1.3	26

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55	Solubility of some phenolic compounds in aqueous alkali metal nitrate solutions from (293.15 to) Tj ETQq1 1 0.784314 rgBT J/Overloc	1.0	25
56	Triazole/Triazine-Functionalized Mesoporous Silica As a Hybrid Material Support for Palladium Nanocatalyst. Langmuir, 2017, 33, 7137-7146.	1.6	25
57	Deterpenation of <i>Origanum majorana</i> L. essential oil by reduced pressure steam distillation. Industrial Crops and Products, 2017, 109, 116-122.	2.5	25
58	Polypyrrole/Ag/mesoporous silica nanocomposite particles: Design by photopolymerization in aqueous medium and antibacterial activity. Journal of the Taiwan Institute of Chemical Engineers, 2017, 80, 1022-1030.	2.7	25
59	Aphidicidal activities of <i>Melaleuca stypelioides</i> Sm. essential oils on three citrus aphids: <i>Aphis gossypii</i> Glover; <i>Aphis spiraeicola</i> Patch and <i>Myzus persicae</i> (Sulzer). South African Journal of Botany, 2018, 117, 149-154.	1.2	25
60	Modelling of the equilibrium properties of the system H ₃ PO ₄ –H ₂ O: representation of VLE and liquid phase composition. Fluid Phase Equilibria, 2000, 175, 197-212.	1.4	24
61	Measurement and correlation of the solubility of gallic acid in methanol plus water systems from (293.15 to 318.15) K. Journal of Molecular Liquids, 2013, 187, 226-229.	2.3	23
62	Effects of olive leave extract on metabolic disorders and oxidative stress induced by 2.45GHz WIFI signals. Environmental Toxicology and Pharmacology, 2013, 36, 826-834.	2.0	22
63	Experimental Measurement and Correlation of Solubility Data and Thermodynamic Properties of Protocatechuic Acid in Four Organic Solvents. Journal of Chemical & Engineering Data, 2015, 60, 514-518.	1.0	22
64	Competitive adsorption, selectivity and separation of valuable hydroxytyrosol and toxic phenol from olive mill wastewater. Journal of Environmental Chemical Engineering, 2017, 5, 3581-3589.	3.3	22
65	Theoretical Assessment of the Second-Order Nonlinear Optical Responses of Lindqvist-Type Organoimido Polyoxometalates. Inorganic Chemistry, 2019, 58, 11210-11219.	1.9	22
66	Lignin - montmorillonite hydrogels as toluene adsorbent. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125108.	2.3	22
67	A status review of terpenes and their separation methods. Reviews in Chemical Engineering, 2021, 37, 433-447.	2.3	22
68	Representation of VLE and liquid phase composition with an electrolyte model: application to H ₃ PO ₄ –H ₂ O and H ₂ SO ₄ –H ₂ O. Fluid Phase Equilibria, 2002, 194-197, 729-738.	1.4	21
69	Towards gas chromatography–mass spectrometry coupling protocols for both identifying and quantification essential oils of <i>Thymus capitatus</i> Hoff et Link. Journal of Chromatography A, 2005, 1064, 129-134.	1.8	20
70	Activity assessment of Tunisian olive leaf extracts against the trophozoite stage of <i>Acanthamoeba</i> . Parasitology Research, 2013, 112, 2825-2829.	0.6	20
71	Chemical Composition and Antioxidant Properties of <i>Salvia officinalis</i> L. Oil from Two Culture Sites in Tunisia. Journal of Essential Oil Research, 2006, 18, 553-556.	1.3	19
72	Formation of Palygorskite Clay from Treated Diatomite and its Application for the Removal of Heavy Metals from Aqueous Solution. Water (Switzerland), 2018, 10, 1257.	1.2	19

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73	Influence of the Process, Season, and Origin on Volatile Composition and Antioxidant Activity of <i>Juniperus phoenicea</i> L. Leaves Essential Oils. <i>Journal of Food Science</i> , 2011, 76, C224-30.	1.5	18
74	In vitro amoebicidal and antioxidant activities of some Tunisian seaweeds. <i>Experimental Parasitology</i> , 2017, 183, 76-80.	0.5	18
75	X-ray induced degradation of surface bound azido groups during XPS analysis. <i>Surface and Interface Analysis</i> , 2017, 49, 340-344.	0.8	18
76	Spiralyde A, an Antikinetoplastid Dolabellane from the Brown Alga <i>Dictyota spiralis</i> . <i>Marine Drugs</i> , 2019, 17, 192.	2.2	18
77	A Historical Analysis of the Daniell Cell and Electrochemistry Teaching in French and Tunisian Textbooks. <i>Journal of Chemical Education</i> , 2004, 81, 754.	1.1	17
78	Salt addition effect on partition coefficient of some phenolic compounds constituents of olive mill wastewater in 1-octanol-water system at 298.15 K. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 168-176.	1.2	17
79	Isolation of titania nanoparticles in monolithic ultraporous alumina: Effect of nanoparticle aggregation on anatase phase stability and photocatalytic activity. <i>Applied Catalysis A: General</i> , 2011, 402, 156-161.	2.2	17
80	First-row transition metal atoms adsorption on rutile TiO ₂ (110) surface. <i>Structural Chemistry</i> , 2012, 23, 1309-1321.	1.0	17
81	Down regulation effect of <i>Rosmarinus officinalis</i> polyphenols on cellular stress proteins in rat pheochromocytoma PC12 cells. <i>Cytotechnology</i> , 2012, 64, 231-240.	0.7	17
82	The impact of regional locality on chemical composition, anti-oxidant and biological activities of <i>Thymelaea hirsuta</i> L. extracts. <i>Phytomedicine</i> , 2018, 41, 13-23.	2.3	17
83	Addition of bio-organic compounds on C60: A semi-empirical investigation of its reactivity with glycine. <i>Computational and Theoretical Chemistry</i> , 2007, 809, 153-159.	1.5	16
84	Sequential photo-addition of glycine methyl-ester to [60]fullerene. <i>Tetrahedron</i> , 2012, 68, 2713-2718.	1.0	16
85	CO dissociation on magnetic Fe _n clusters. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20703-20713.	1.3	16
86	Correlation of solubility and prediction of the mixing properties of rosmarinic acid in different pure solvents and in binary solvent mixtures of ethanol + water and methanol + water from (293.2 to 318.2) K. <i>Journal of Molecular Liquids</i> , 2016, 216, 370-376.	2.3	16
87	<i>Melaleuca styphelioides</i> Sm. Polyphenols Modulate Interferon Gamma/Histamine-Induced Inflammation in Human NCTC 2544 Keratinocytes. <i>Molecules</i> , 2018, 23, 2526.	1.7	15
88	Effect of the Chemical Composition of Free-Terpene Hydrocarbons Essential Oils on Antifungal Activity. <i>Molecules</i> , 2019, 24, 3532.	1.7	15
89	Influence of temperature on the band structures of (TMTSF) ₂ X and (TMTTF) ₂ X (X ²⁺ = Tetrahedral) T_j ETQq1 1 0.784314 rgBT ₁₄ /Overlock	2.1	14
90	Crystallographic structures of (TMTSF) ₂ PF ₆ under constraint: evidence of a change in the electronic structure. <i>Synthetic Metals</i> , 1987, 19, 321-326.	2.1	14

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91	Essential oil composition and anti Acanthamoeba studies of <i>Teucrium ramosissimum</i> . <i>Experimental Parasitology</i> , 2017, 183, 207-211.	0.5	14
92	Variations in phenolic composition and antioxidant activities of <i>Scabiosa maritima</i> (<i>Scabiosa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 part. <i>South African Journal of Botany</i> , 2022, 146, 703-714.	1.2	14
93	Correlation and semi-empirical modeling of solubility of gallic acid in different pure solvents and in binary solvent mixtures of propan-1-ol + water, propan-2-ol + water and acetonitrile + water from (293.2 to 318.2) K. <i>Journal of Molecular Liquids</i> , 2016, 222, 503-519.	2.3	13
94	Preparation of novel carboxymethylchitosan-graft-poly(methylmethacrylate) under microwave irradiation as a chitosan-based material for Hg ²⁺ removal. <i>Microchemical Journal</i> , 2019, 148, 531-540.	2.3	13
95	<i>Teucrium ramosissimum</i> (Lamiaceae): Volatile Composition, Seasonal Variation, and Pharmaceutical Activity. <i>Analytical Letters</i> , 2016, 49, 1258-1271.	1.0	12
96	Microwave assisted synthesis of poly(<i>N</i> -vinylimidazole) grafted chitosan as an effective adsorbent for mercury (II) removal from aqueous solution: Equilibrium, kinetic, thermodynamics and regeneration studies. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 828-840.	1.3	12
97	Density Functional Theory Investigation of the Binding of ThioTEPA to Purine Bases: Thermodynamics and Bond Evolution Theory Analysis. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4068-4080.	1.1	12
98	Tin tetrachloride adducts with phosphoryl ligands: A DFT study. <i>Computational and Theoretical Chemistry</i> , 2010, 942, 110-114.	1.5	11
99	Bioinspired materials based on glutathione-functionalized SBA-15 for electrochemical Cd(II) detection. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 336-346.	2.2	11
100	Differential Scanning Calorimetry Data and Solubility of Rosmarinic Acid in Different Pure Solvents and in Binary Mixtures (Methyl Acetate + Water) and (Ethyl Acetate + Water) from 293.2 to 313.2 K. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3718-3723.	1.0	11
101	A Peptide Nucleic Acid (PNA)-DNA Ferrocenyl Intercalator for Electrochemical Sensing. <i>Electroanalysis</i> , 2017, 29, 917-922.	1.5	11
102	Promising effect of combining [60]Fullerene nanoparticles and calcium hydroxide on thermal stability and flammability of Poly(ethylene-co-vinyl acetate). <i>Thermochimica Acta</i> , 2018, 668, 73-79.	1.2	11
103	Essential oil components of <i>Citrus cultivar</i> "MALTAISE DEMI SANGUINE" (<i>Citrus sinensis</i>) as affected by the effects of rootstocks and viroid infection. <i>International Journal of Food Properties</i> , 2019, 22, 438-448.	1.3	11
104	Comparison of the Effect of Various Extraction Methods on the Phytochemical Composition and Antioxidant Activity of <i>Thymelaea hirsuta</i> L. aerial parts in Tunisia. <i>Biosciences, Biotechnology Research Asia</i> , 2017, 14, 997-1007.	0.2	11
105	Wetting of Intact and Partially Dissociated Water Layer on Ru(0001): a Density Functional Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5834-5840.	1.5	10
106	Core restructuring for magnetic Fe ₅₅ icosahedral nanoparticles. <i>Chemical Physics Letters</i> , 2012, 541, 101-104.	1.2	10
107	Comparison of iso-elutotropic mobile phases at different temperatures for the separation of triacylglycerols in Non-Aqueous Reversed Phase Liquid Chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 45-51.	1.2	10
108	Electrosynthesis and study of some physical properties of conductive and solid-state gas sensing polydiphenylamine. <i>Sensors and Actuators A: Physical</i> , 2015, 227, 11-20.	2.0	10

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109	Optimized Extraction of Antioxidants from Olive Leaves Using Augmented Simplex Centroid Design. <i>Analytical Letters</i> , 2016, 49, 1323-1333.	1.0	10
110	Chemical composition and anti- <i>Acanthamoeba</i> activity of <i>Melaleuca styphelioides</i> essential oil. <i>Experimental Parasitology</i> , 2017, 183, 104-108.	0.5	10
111	<i>Ammoides pusilla</i> (Apiaceae) essential oil: Activity against <i>Acanthamoeba castellanii</i> Neff. <i>Experimental Parasitology</i> , 2017, 183, 99-103.	0.5	10
112	Susceptibility of <i>Tribolium castaneum</i> to <i>Laurus nobilis</i> essential oil and assessment on semolina quality. <i>International Journal of Tropical Insect Science</i> , 2020, 40, 667-675.	0.4	10
113	Theoretical study of the spectroscopy of methyl substituted 2-Pyridones, tautomers and ions. <i>Computational and Theoretical Chemistry</i> , 2012, 990, 94-99.	1.1	9
114	Chemical Composition and Behavioral Effects of Five Plant Essential Oils on the Green Pea Aphid <i>Acyrtosiphon pisum</i> (<i>Acyrtosiphon pisum</i>) (<i>Acyrtosiphon pisum</i>) (Homoptera: Aphididae). <i>Chemistry and Biodiversity</i> , 2017, 14, e1600464.	1.0	9
115	Physicochemical and biochemical characterizations of some Tunisian seed oils. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2020, 27, 29.	0.6	9
116	Apoptosis-like cell death upon kinetoplastid induction by compounds isolated from the brown algae <i>Dictyota spiralis</i> . <i>Parasites and Vectors</i> , 2021, 14, 198.	1.0	9
117	Ozone sensing study of sprayed In_2S_3 thin films. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163513.	2.8	9
118	Theoretical investigation of the regioselective ring opening of 2-methylaziridine. Lewis acid effect. <i>Journal of Molecular Modeling</i> , 2018, 24, 309.	0.8	8
119	Thermoprotective properties of <i>Opuntia ficus-indica</i> f. <i>inermis</i> cladodes and mesocarps on sheep lymphocytes. <i>Journal of Thermal Biology</i> , 2019, 81, 73-81.	1.1	8
120	Exploring CO dissociation on Fe nanoparticles by density functional theory-based methods: Fe ₁₃ as a case study. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	0.5	7
121	Photoionization of Benzophenone in the Gas Phase: Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6148-6154.	1.1	7
122	Clove Buds Essential Oil: The Impact of Grinding on the Chemical Composition and Its Biological Activities Involved in Consumer's Health Security. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	7
123	Supercritical CO ₂ Extract and Essential Oil of <i>Ruta chalepensis</i> L. Growing in Tunisia: A Natural Source of Undecan-2-one. <i>Analytical Chemistry Letters</i> , 2012, 2, 290-300.	0.4	6
124	Support effect on H adsorption on a metal atom. <i>Chemical Physics Letters</i> , 2013, 565, 45-51.	1.2	6
125	Elucidation of the oxidation-reduction reactions in the synthesis of Co-based nanoparticles through polyol process using 1, 2-butanediol (BEG): a theoretical study. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	6
126	Deterpenation of rosemary (<i>Rosmarinus officinalis</i> var. <i>typicus</i> L.) leaf essential oil using a mathematical model of kinetic guided hydrodistillation. <i>Journal of Essential Oil Research</i> , 2019, 31, 235-246.	1.3	6

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127	Graphene Synthesis by Inductively Heated Copper Foils: Reactor Design and Operation. <i>Coatings</i> , 2020, 10, 305.	1.2	6
128	Variability of antioxidant and biological activities of <i>Rhus tripartitum</i> related to phenolic compounds. <i>EXCLI Journal</i> , 2017, 16, 439-447.	0.5	6
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