

Hesham R El-Seedi

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

6,651
citations

71102

41
h-index

98798

67
g-index

208
all docs

208
docs citations

208
times ranked

8494
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, Natural Sources, Dietary Intake, Pharmacokinetic Properties, and Biological Activities of Hydroxycinnamic Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10877-10895.	5.2	334
2	Marine Natural Products: A Source of Novel Anticancer Drugs. <i>Marine Drugs</i> , 2019, 17, 491.	4.6	324
3	Metal nanoparticles fabricated by green chemistry using natural extracts: biosynthesis, mechanisms, and applications. <i>RSC Advances</i> , 2019, 9, 24539-24559.	3.6	247
4	Biogenesis of ZnO nanoparticles using <i>Pandanus odorifer</i> leaf extract: anticancer and antimicrobial activities. <i>RSC Advances</i> , 2019, 9, 15357-15369.	3.6	166
5	Overview of Bee Pollination and Its Economic Value for Crop Production. <i>Insects</i> , 2021, 12, 688.	2.2	128
6	Cathepsins: Proteases that are vital for survival but can also be fatal. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 526-532.	5.6	126
7	Quantitative detection of apple watercore and soluble solids content by near infrared transmittance spectroscopy. <i>Journal of Food Engineering</i> , 2020, 279, 109955.	5.2	116
8	Prehistoric peyote use: Alkaloid analysis and radiocarbon dating of archaeological specimens of <i>Lophophora</i> from Texas. <i>Journal of Ethnopharmacology</i> , 2005, 101, 238-242.	4.1	114
9	The Many Faces of Kefir Fermented Dairy Products: Quality Characteristics, Flavour Chemistry, Nutritional Value, Health Benefits, and Safety. <i>Nutrients</i> , 2020, 12, 346.	4.1	112
10	Potential Role of Curcumin and Its Nanoformulations to Treat Various Types of Cancers. <i>Biomolecules</i> , 2021, 11, 392.	4.0	100
11	The traditional medical uses and cytotoxic activities of sixty-one Egyptian plants: Discovery of an active cardiac glycoside from <i>Urginea maritima</i> . <i>Journal of Ethnopharmacology</i> , 2013, 145, 746-757.	4.1	99
12	In silico drug discovery of major metabolites from spices as SARS-CoV-2 main protease inhibitors. <i>Computers in Biology and Medicine</i> , 2020, 126, 104046.	7.0	98
13	Resveratrol and Neuroprotection: Impact and Its Therapeutic Potential in Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2020, 11, 619024.	3.5	89
14	Phytochemical Profiles and Antimicrobial Activities of <i>Allium cepa</i> Red cv. and <i>A. sativum</i> Subjected to Different Drying Methods: A Comparative MS-Based Metabolomics. <i>Molecules</i> , 2017, 22, 761.	3.8	84
15	Mescaline use for 5700 years. <i>Lancet</i> , The, 2002, 359, 1866.	13.7	82
16	Therapeutic potential of phenylethanoid glycosides: A systematic review. <i>Medicinal Research Reviews</i> , 2020, 40, 2605-2649.	10.5	80
17	Probiotics, Prebiotics, and Phytochemical Substances for Optimizing Gut Health in Poultry. <i>Microorganisms</i> , 2022, 10, 395.	3.6	80
18	Revisiting the Amyloid Cascade Hypothesis: From Anti-A β Therapeutics to Auspicious New Ways for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5858.	4.1	79

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19	Bee Pollen: Current Status and Therapeutic Potential. <i>Nutrients</i> , 2021, 13, 1876.	4.1	77
20	<p>One-Pot Synthesis of Novel Thiazoles as Potential Anti-Cancer Agents</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1363-1375.	4.3	74
21	Naturally Occurring Xanthenes; Latest Investigations: Isolation, Structure Elucidation and Chemosystematic Significance. <i>Current Medicinal Chemistry</i> , 2009, 16, 2581-2626.	2.4	72
22	Biochanin A Gastroprotective Effects in Ethanol-Induced Gastric Mucosal Ulceration in Rats. <i>PLoS ONE</i> , 2015, 10, e0121529.	2.5	71
23	The anti-inflammatory potential of <i>Portulaca oleracea</i> L. (purslane) extract by partial suppression on NF- κ B and MAPK activation. <i>Food Chemistry</i> , 2019, 290, 239-245.	8.2	71
24	Design and development of Isatin-triazole hydrazones as potential inhibitors of microtubule affinity-regulating kinase 4 for the therapeutic management of cell proliferation and metastasis. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 840-852.	5.5	69
25	Antimicrobial Arylcoumarins from <i>Asphodelus microcarpus</i> . <i>Journal of Natural Products</i> , 2007, 70, 118-120.	3.0	68
26	Anti-ageing and antioxidant effects of sulfate oligosaccharides from green algae <i>Ulva lactuca</i> and <i>Enteromorpha prolifera</i> in SAMP8 mice. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 342-351.	7.5	68
27	Recent insights into chemical and pharmacological studies of bee bread. <i>Trends in Food Science and Technology</i> , 2020, 97, 300-316.	15.1	67
28	Cyanobacteriaâ€™From the Oceans to the Potential Biotechnological and Biomedical Applications. <i>Marine Drugs</i> , 2021, 19, 241.	4.6	66
29	Chemistry, biosynthesis and biological activity of terpenoids and meroterpenoids in bacteria and fungi isolated from different marine habitats. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112957.	5.5	58
30	Limonoids from Citrus: Chemistry, anti-tumor potential, and other bioactivities. <i>Journal of Functional Foods</i> , 2020, 75, 104213.	3.4	56
31	Intelligent evaluation of taste constituents and polyphenols-to-amino acids ratio in matcha tea powder using near infrared spectroscopy. <i>Food Chemistry</i> , 2021, 353, 129372.	8.2	56
32	Biological and conventional food processing modifications on food proteins: Structure, functionality, and bioactivity. <i>Biotechnology Advances</i> , 2020, 40, 107491.	11.7	55
33	Acetylcholinesterase Inhibitory Potential of Various Sesquiterpene Analogues for Alzheimerâ€™s Disease Therapy. <i>Biomolecules</i> , 2021, 11, 350.	4.0	55
34	Antimicrobial Properties of <i>Apis mellifera</i> â€™s Bee Venom. <i>Toxins</i> , 2020, 12, 451.	3.4	54
35	A green synthetic approach using chili plant supported Ag/Ag O@P25 heterostructure with enhanced photocatalytic properties under solar irradiation. <i>Optik</i> , 2019, 192, 162943.	2.9	52
36	The neuroprotective potential of carotenoids in vitro and in vivo. <i>Phytomedicine</i> , 2021, 91, 153676.	5.3	52

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37	Screening for natural and derived bio-active compounds in preclinical and clinical studies: One of the frontlines of fighting the coronaviruses pandemic. <i>Phytomedicine</i> , 2021, 85, 153311.	5.3	51
38	Physicochemical characterization of a polysaccharide from <i>Agrocybe aegirita</i> and its anti-ageing activity. <i>Carbohydrate Polymers</i> , 2020, 236, 116056.	10.2	48
39	Apitoxin and Its Components against Cancer, Neurodegeneration and Rheumatoid Arthritis: Limitations and Possibilities. <i>Toxins</i> , 2020, 12, 66.	3.4	48
40	Variation in <i>Ceratonia siliqua</i> pod metabolome in context of its different geographical origin, ripening stage and roasting process. <i>Food Chemistry</i> , 2019, 283, 675-687.	8.2	46
41	Wasp Venom Biochemical Components and Their Potential in Biological Applications and Nanotechnological Interventions. <i>Toxins</i> , 2021, 13, 206.	3.4	46
42	Characterization of $\hat{\pm}$ -Glucosidase Inhibitors from <i>Clinacanthus nutans</i> Lindau Leaves by Gas Chromatography-Mass Spectrometry-Based Metabolomics and Molecular Docking Simulation. <i>Molecules</i> , 2018, 23, 2402.	3.8	44
43	Cardenolides: Insights from chemical structure and pharmacological utility. <i>Pharmacological Research</i> , 2019, 141, 123-175.	7.1	43
44	Acrylamide-induced peripheral neuropathy: manifestations, mechanisms, and potential treatment modalities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13031-13046.	5.3	43
45	Anti-Viral and Immunomodulatory Properties of Propolis: Chemical Diversity, Pharmacological Properties, Preclinical and Clinical Applications, and In Silico Potential against SARS-CoV-2. <i>Foods</i> , 2021, 10, 1776.	4.3	42
46	Marine organisms: Pioneer natural sources of polysaccharides/proteins for green synthesis of nanoparticles and their potential applications. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1767-1798.	7.5	42
47	Recent Advances in <i>Kaempferia</i> Phytochemistry and Biological Activity: A Comprehensive Review. <i>Nutrients</i> , 2019, 11, 2396.	4.1	39
48	The promise of zebrafish as a model of metabolic syndrome. <i>Experimental Animals</i> , 2019, 68, 407-416.	1.1	39
49	Novel C-2 Symmetric Molecules as $\hat{\pm}$ -Glucosidase and $\hat{\pm}$ -Amylase Inhibitors: Design, Synthesis, Kinetic Evaluation, Molecular Docking and Pharmacokinetics. <i>Molecules</i> , 2019, 24, 1511.	3.8	39
50	Melittin Exerts Beneficial Effects on Paraquat-Induced Lung Injuries In Mice by Modifying Oxidative Stress and Apoptosis. <i>Molecules</i> , 2019, 24, 1498.	3.8	39
51	In Silico Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (Mpro) Inhibitors. <i>Molecules</i> , 2021, 26, 2082.	3.8	39
52	Detection of Heavy Metals in Food and Agricultural Products by Surface-enhanced Raman Spectroscopy. <i>Food Reviews International</i> , 2023, 39, 1440-1461.	8.4	39
53	Phylogeny and generic delimitation in Molluginaceae, new pigment data in Caryophyllales, and the new family Corbichoniaceae. <i>Taxon</i> , 2016, 65, 775-793.	0.7	38
54	Developmental toxicity of carbon nanoparticles during embryogenesis in chicken. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19058-19072.	5.3	38

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55	Honey Bee Products: Preclinical and Clinical Studies of Their Anti-inflammatory and Immunomodulatory Properties. <i>Frontiers in Nutrition</i> , 2021, 8, 761267.	3.7	38
56	Natural isocoumarins: Structural styles and biological activities, the revelations carry on .. <i>Phytochemistry</i> , 2021, 181, 112568.	2.9	37
57	Chemical Composition and Repellency of Essential Oils From Four Medicinal Plants Against <i>Ixodes ricinus</i> Nymphs (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 2012, 49, 1067-1075.	1.8	36
58	Profiling Metabolites and Biological Activities of Sugarcane (<i>Saccharum officinarum</i> Linn.) Juice and its Product Molasses via a Multiplex Metabolomics Approach. <i>Molecules</i> , 2019, 24, 934.	3.8	36
59	Bee Venom Composition: From Chemistry to Biological Activity. <i>Studies in Natural Products Chemistry</i> , 2019, 60, 459-484.	1.8	36
60	Sturgeon hydrolysates alleviate DSS-induced colon colitis in mice by modulating NF- κ B, MAPK, and microbiota composition. <i>Food and Function</i> , 2020, 11, 6987-6999.	4.6	36
61	Label-free surface enhanced Raman scattering spectroscopy for discrimination and detection of dominant apple spoilage fungus. <i>International Journal of Food Microbiology</i> , 2021, 338, 108990.	4.7	35
62	Polyphenol-rich extract of Zhenjiang aromatic vinegar ameliorates high glucose-induced insulin resistance by regulating JNK-IRS-1 and PI3K/Akt signaling pathways. <i>Food Chemistry</i> , 2021, 335, 127513.	8.2	34
63	A Zinc Morpholine Complex Prevents HCl/Ethanol-Induced Gastric Ulcers in a Rat Model. <i>Scientific Reports</i> , 2016, 6, 29646.	3.3	33
64	Essential oils of aromatic Egyptian plants repel nymphs of the tick <i>Ixodes ricinus</i> (Acari: Ixodidae). <i>Experimental and Applied Acarology</i> , 2017, 73, 139-157.	1.6	33
65	Plants mentioned in the Islamic Scriptures (Holy Qur'ān and Ahadith): Traditional uses and medicinal importance in contemporary times. <i>Journal of Ethnopharmacology</i> , 2019, 243, 112007.	4.1	33
66	Characterization of the structure and analysis of the anti-oxidant effect of microalga <i>Spirulina platensis</i> polysaccharide on <i>Caenorhabditis elegans</i> mediated by modulating microRNAs and gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2295-2305.	7.5	33
67	Truffles: From Islamic culture to chemistry, pharmacology, and food trends in recent times. <i>Trends in Food Science and Technology</i> , 2019, 91, 193-218.	15.1	32
68	Beyond the Pandemic: COVID-19 Pandemic Changed the Face of Life. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5645.	2.6	32
69	Cyclopeptide alkaloids. <i>Phytochemistry Reviews</i> , 2007, 6, 143-165.	6.5	31
70	Marine Sulfated Polysaccharides as Promising Antiviral Agents: A Comprehensive Report and Modeling Study Focusing on SARS CoV-2. <i>Marine Drugs</i> , 2021, 19, 406.	4.6	31
71	Ruta Essential Oils: Composition and Bioactivities. <i>Molecules</i> , 2021, 26, 4766.	3.8	31
72	Spectral studies of silver nanoparticles biosynthesized by <i>Origanum majorana</i> . <i>Green Processing and Synthesis</i> , 2018, 7, 100-105.	3.4	30

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73	Recent advances in the development of sesquiterpenoids in the treatment of type 2 diabetes. Trends in Food Science and Technology, 2019, 88, 46-56.	15.1	30
74	Cancer-fighting potentials of algal polysaccharides as nutraceuticals. Food Research International, 2021, 147, 110522.	6.2	30
75	Are Honey Bees at Risk from Microplastics?. Toxics, 2021, 9, 109.	3.7	29
76	The use of analytical techniques coupled with chemometrics for tracing the geographical origin of oils: A systematic review (2013â€“2020). Food Chemistry, 2022, 366, 130633.	8.2	29
77	miRNAs as Regulators of Antidiabetic Effects of Fucoïdins. EFood, 2020, 1, 2-11.	3.1	28
78	Novel adamantyl clubbed iminothiazolidinones as promising elastase inhibitors: design, synthesis, molecular docking, ADMET and DFT studies. RSC Advances, 2022, 12, 11974-11991.	3.6	28
79	Ultrastructural Study on the Antibacterial Activity of Artonin E versus Streptomycin against Staphylococcus aureus Strains. PLoS ONE, 2015, 10, e0128157.	2.5	27
80	Bee Pollen: Clinical Trials and Patent Applications. Nutrients, 2022, 14, 2858.	4.1	27
81	Optimization of Hyperglycemic Induction in Zebrafish and Evaluation of Its Blood Glucose Level and Metabolite Fingerprint Treated with Psychotria malayana Jack Leaf Extract. Molecules, 2019, 24, 1506.	3.8	26
82	Synthesis of aryl pyrazole via Suzuki coupling reaction, in vitro mushroom tyrosinase enzyme inhibition assay and in silico comparative molecular docking analysis with Kojic acid. Bioorganic Chemistry, 2018, 79, 293-300.	4.1	25
83	Emerging Promise of Cannabinoids for the Management of Pain and Associated Neuropathological Alterations in Alzheimerâ€™s Disease. Frontiers in Pharmacology, 2020, 11, 1097.	3.5	25
84	Cytotoxic Effects of Sarcophyton sp. Soft Coralsâ€™ Is There a Correlation to Their NMR Fingerprints?. Marine Drugs, 2017, 15, 211.	4.6	24
85	Comprehensive Overview on Multiple Strategies Fighting COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5813.	2.6	24
86	New Labdane Diterpenes from Eupatorium glutinosum. Journal of Natural Products, 2002, 65, 728-729.	3.0	23
87	Evaluation of chemopreventive potential of Strobilanthes crispus against colon cancer formation in vitro and in vivo. BMC Complementary and Alternative Medicine, 2015, 15, 419.	3.7	23
88	Antibacterial effect of the red sea soft coral <i>Sarcophyton trocheliophorum</i>. Natural Product Research, 2016, 30, 729-734.	1.8	23
89	Developments in the synthesis of the antiplatelet and antithrombotic drug (<i>S</i>)â€™clopidogrel. Chirality, 2017, 29, 684-707.	2.6	23
90	Intermolecular interactions in antipyrene-like derivatives 2-halo-<i>N</i>-<i>(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1</i>-<i>H</i>-pyrazol-4-yl)benzamides: X-ray structure, Hirshfeld surface analysis and DFT calculations. New Journal of Chemistry, 2020, 44, 19541-19554.	2.8	23

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91	Exploring natural products-based cancer therapeutics derived from egyptian flora. Journal of Ethnopharmacology, 2021, 269, 113626.	4.1	23
92	Antihyperuricemic Effect of Green Alga <i>Ulva lactuca</i> Ulvan through Regulating Urate Transporters. Journal of Agricultural and Food Chemistry, 2021, 69, 11225-11235.	5.2	23
93	Drug-1,3,4-Thiadiazole Conjugates as Novel Mixed-Type Inhibitors of Acetylcholinesterase: Synthesis, Molecular Docking, Pharmacokinetics, and ADMET Evaluation. Molecules, 2019, 24, 860.	3.8	22
94	Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Effects of <i>Azolla pinnata</i> Ethanolic Extract against Lead-Induced Hepatotoxicity in Rats. Antioxidants, 2020, 9, 1014.	5.1	22
95	Novel Insight into Utilization of Flavonoid Glycosides and Biological Properties of Saffron (<i>Crocus sativus</i> L.) Flower Byproducts. Journal of Agricultural and Food Chemistry, 2020, 68, 10685-10696.	5.2	22
96	Blue Biotechnology: Computational Screening of Sarcophyton Cembranoid Diterpenes for SARS-CoV-2 Main Protease Inhibition. Marine Drugs, 2021, 19, 391.	4.6	22
97	The novel steroidal alkaloids dendrogenin A and B promote proliferation of adult neural stem cells. Biochemical and Biophysical Research Communications, 2014, 446, 681-686.	2.1	21
98	Chemopreventive effects of <i>Strobilanthes crispus</i> leaf extract on azoxymethane-induced aberrant crypt foci in rat colon. Scientific Reports, 2015, 5, 13312.	3.3	21
99	Spectral characterisation of the silver nanoparticles biosynthesised using <i>Ambrosia maritima</i> plant. Micro and Nano Letters, 2016, 11, 311-314.	1.3	21
100	Sensitive label-free Cu ₂ O/Ag fused chemometrics SERS sensor for rapid detection of total arsenic in tea. Food Control, 2021, 130, 108341.	5.5	21
101	Determination of lead in food by surface-enhanced Raman spectroscopy with aptamer regulating gold nanoparticles reduction. Food Control, 2022, 132, 108498.	5.5	21
102	Bee Stressors from an Immunological Perspective and Strategies to Improve Bee Health. Veterinary Sciences, 2022, 9, 199.	1.7	21
103	Comparative LC-MS/MS Analysis of the Leaf Extracts of <i>Lantana camara</i> and <i>Lantana montevidensis</i> Growing in Egypt with Insights into Their Antioxidant, Anti-Inflammatory, and Cytotoxic Activities. Plants, 2022, 11, 1699.	3.5	21
104	<i>Alpinia zerumbet</i> (Pers.): Food and Medicinal Plant with Potential In Vitro and In Vivo Anti-Cancer Activities. Molecules, 2019, 24, 2495.	3.8	20
105	Antigenotoxic and antioxidant effects of the Mongolian medicinal plant <i>Leptopyrum fumarioides</i> (L): An in vitro study. Journal of Ethnopharmacology, 2014, 155, 599-606.	4.1	19
106	Chemopreventive effect of <i>Phaleria macrocarpa</i> on colorectal cancer aberrant crypt foci in vivo. Journal of Ethnopharmacology, 2016, 193, 195-206.	4.1	19
107	Synthetic approaches towards the multi target drug spironolactone and its potent analogues/derivatives. Steroids, 2017, 118, 76-92.	1.8	19
108	Protective Effects of Flavone from <i>Tamarix aphylla</i> against CCl ₄ -Induced Liver Injury in Mice Mediated by Suppression of Oxidative Stress, Apoptosis and Angiogenesis. International Journal of Molecular Sciences, 2019, 20, 5215.	4.1	19

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109	Metabolite Profiling and Quantitation of Cucurbitacins in Cucurbitaceae Plants by Liquid Chromatography coupled to Tandem Mass Spectrometry. <i>Scientific Reports</i> , 2019, 9, 15992.	3.3	19
110	A newly isolated strain of <i>Halomonas</i> sp. (HA1) exerts anticancer potential via induction of apoptosis and G2/M arrest in hepatocellular carcinoma (HepG2) cell line. <i>Scientific Reports</i> , 2020, 10, 14076.	3.3	19
111	The Ameliorative Role of <i>Acacia senegal</i> Gum against the Oxidative Stress and Genotoxicity Induced by the Radiographic Contrast Medium (Ioxitalamate) in Albino Rats. <i>Antioxidants</i> , 2021, 10, 221.	5.1	19
112	Comparative Study on the Essential Oils from Five Wild Egyptian <i>Centaurea</i> Species: Effective Extraction Techniques, Antimicrobial Activity and In-Silico Analyses. <i>Antibiotics</i> , 2021, 10, 252.	3.7	19
113	Synthesis, X-ray, Hirshfeld surface analysis, exploration of DNA binding, urease enzyme inhibition and anticancer activities of novel adamantane-naphthyl thiourea conjugate. <i>Bioorganic Chemistry</i> , 2021, 109, 104707.	4.1	19
114	Chemopreventive Efficacy of <i>Andrographis paniculata</i> on Azoxymethane-Induced Aberrant Colon Crypt Foci In Vivo. <i>PLoS ONE</i> , 2014, 9, e111118.	2.5	18
115	Anti-Inflammatory Principles from <i>Tamarix aphylla</i> L.: A Bioassay-Guided Fractionation Study. <i>Molecules</i> , 2020, 25, 2994.	3.8	18
116	Classification for <i>Penicillium expansum</i> Spoilage and Defect in Apples by Electronic Nose Combined with Chemometrics. <i>Sensors</i> , 2020, 20, 2130.	3.8	18
117	Anti-schistosomiasis triterpene glycoside from the Egyptian medicinal plant <i>Asparagus stipularis</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 314-318.	1.4	17
118	Investigating architecture and structure-function relationships in cold shock DNA-binding domain family using structural genomics-based approach. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 484-494.	7.5	17
119	Essential Oil Analysis of <i>Micromeria nubigena</i> H.B.K. and its Antimicrobial Activity. <i>Journal of Essential Oil Research</i> , 2008, 20, 452-456.	2.7	16
120	Combining untargeted and targeted metabolomics approaches for the standardization of polyherbal formulations through UPLC-MS/MS. <i>Metabolomics</i> , 2019, 15, 116.	3.0	16
121	The role of ascorbic acid combined exposure on Imidacloprid-induced oxidative stress and genotoxicity in Nile tilapia. <i>Scientific Reports</i> , 2021, 11, 14716.	3.3	16
122	Chemometrics coupled 4-Aminothiophenol labelled Ag-Au alloy SERS off-signal nanosensor for quantitative detection of mercury in black tea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 242, 118747.	3.9	15
123	A comparative metabolomic study on desi and kabuli chickpea (<i>Cicer arietinum</i> L.) genotypes under rainfed and irrigated field conditions. <i>Scientific Reports</i> , 2020, 10, 13919.	3.3	15
124	Untargeted-metabolomics differentiation between poultry samples slaughtered with and without detaching spinal cord. <i>Arabian Journal of Chemistry</i> , 2020, 13, 9081-9089.	4.9	15
125	Unravelling the beehive air volatiles profile as analysed via solid-phase microextraction (SPME) and chemometrics. <i>Journal of King Saud University - Science</i> , 2021, 33, 101449.	3.5	15
126	SARS-CoV-2 Post Vaccinated Adverse Effects and Efficacy in the Egyptian Population. <i>Vaccines</i> , 2022, 10, 18.	4.4	15

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127	Synthesis, Characterization, and In Vivo Anti-Cancer Activity of New Metal Complexes Derived from Isatin-N(4)antipyrinethiosemicarbazone Ligand Against Ehrlich Ascites Carcinoma Cells. <i>Molecules</i> , 2019, 24, 3313.	3.8	14
128	Rapid enrichment detection of patulin and alternariol in apple using surface enhanced Raman spectroscopy with coffee-ring effect. <i>LWT - Food Science and Technology</i> , 2021, 152, 112333.	5.2	14
129	Diversity of Coronaviruses with Particular Attention to the Interspecies Transmission of SARS-CoV-2. <i>Animals</i> , 2022, 12, 378.	2.3	14
130	Biopiracy versus One-World Medicineâ€œFrom colonial relicts to global collaborative concepts. <i>Phytomedicine</i> , 2019, 53, 319-331.	5.3	13
131	Enhanced Antioxidant and Cytotoxic Potentials of Lipopolysaccharides-Injected <i>Musca domestica</i> Larvae. <i>Pharmaceutics</i> , 2020, 12, 1111.	4.5	13
132	Characterization of Î±-Glucosidase Inhibitors from <i>Psychotria malayana</i> Jack Leaves Extract Using LC-MS-Based Multivariate Data Analysis and In-Silico Molecular Docking. <i>Molecules</i> , 2020, 25, 5885.	3.8	12
133	<i>Moringa oleifera</i> leaves extract enhances fresh and cryopreserved semen characters of Barki rams. <i>Theriogenology</i> , 2020, 153, 133-142.	2.1	12
134	In Vitro Antigenotoxic, Antihelminthic and Antioxidant Potentials Based on the Extracted Metabolites from Lichen, <i>Candelariella vitellina</i> . <i>Pharmaceutics</i> , 2020, 12, 477.	4.5	12
135	Effect of Thermal Cycling on Flexural Properties of Microcrystalline Celluloseâ€œReinforced Denture Base Acrylic Resins. <i>Journal of Prosthodontics</i> , 2020, 29, 611-616.	3.7	11
136	Synthesis, computational studies and enzyme inhibitory kinetics of benzothiazole-linked thioureas as mushroom tyrosinase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 7035-7043.	3.5	11
137	Synthesis, characterization, alkaline phosphatase inhibition assay and molecular modeling studies of 1-benzylidene-2-(4-tert-butylthiazol-2-yl) hydrazines. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6140-6153.	3.5	11
138	Chemical fingerprinting of three <i>Anemone</i> species and an adulteration study to detect cross mixing of medicinal plants by HPLC-HR-ESI-MS/MS method. <i>Journal of King Saud University - Science</i> , 2021, 33, 101461.	3.5	11
139	GC-MS- and NMR-Based Metabolomics and Molecular Docking Reveal the Potential Alpha-Glucosidase Inhibitors from <i>Psychotria malayana</i> Jack Leaves. <i>Pharmaceutics</i> , 2021, 14, 978.	3.8	11
140	Pharmaceutical manipulation of citrus flavonoids towards improvement of its bioavailability and stability. A mini review and a meta-analysis study. <i>Food Bioscience</i> , 2021, 44, 101428.	4.4	11
141	Anti-proliferative and immunomodulatory potencies of cinnamon oil on Ehrlich ascites carcinoma bearing mice. <i>Scientific Reports</i> , 2022, 12, .	3.3	11
142	Recent resurgence toward the oxidation of heteroatoms using dimethyldioxirane as an exquisite oxidant. <i>Synthetic Communications</i> , 2017, 47, 835-852.	2.1	10
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