

# Mohamed A El Raey

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

823  
citations

516710

16  
h-index

580821

25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral zinc oxide nanoparticles mediated by hesperidin and in silico comparison study between antiviral phenolics as anti-SARS-CoV-2. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111724.	5.0	81
2	Soft hydrogel based on modified chitosan containing <i>P. granatum</i> peel extract and its nano-forms: Multiparticulate study on chronic wounds treatment. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 407-421.	7.5	50
3	Chemical profiling of secondary metabolites of <i>Eugenia uniflora</i> and their antioxidant, anti-inflammatory, pain killing and anti-diabetic activities: A comprehensive approach. <i>Journal of Ethnopharmacology</i> , 2019, 240, 111939.	4.1	46
4	Polyphenolics from <i>Albizia harveyi</i> Exhibit Antioxidant Activities and Counteract Oxidative Damage and Ultra-Structural Changes of Cryopreserved Bull Semen. <i>Molecules</i> , 2017, 22, 1993.	3.8	35
5	Green Synthesis of Silver Nanoparticles Using Extract of <i>Jasminum officinale</i> L. Leaves and Evaluation of Cytotoxic Activity Towards Bladder (5637) and Breast Cancer (MCF-7) Cell Lines. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9771-9781.	6.7	33
6	Antiviral Activity of Zinc Oxide Nanoparticles Mediated by <i>Plumbago indica</i> L. Extract Against Herpes Simplex Virus Type 1 (HSV-1). <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8221-8233.	6.7	33
7	Ameliorative Effects of Rhoifolin in Scopolamine-Induced Amnesic Zebrafish ( <i>Danio rerio</i> ) Model. <i>Antioxidants</i> , 2020, 9, 580.	5.1	32
8	A Polyphenol-Rich Fraction from <i>Eugenia uniflora</i> Exhibits Antioxidant and Hepatoprotective Activities In Vivo. <i>Pharmaceuticals</i> , 2020, 13, 84.	3.8	29
9	Green-synthesized zinc oxide nanoparticles, anti-Alzheimer potential and the metabolic profiling of <i>Sabal blackburniana</i> grown in Egypt supported by molecular modelling. <i>RSC Advances</i> , 2021, 11, 18009-18025.	3.6	29
10	Isolation of Myricitrin and 3,5-di-O-Methyl Gossypetin from <i>Syzygium samarangense</i> and Evaluation of their Involvement in Protecting Keratinocytes against Oxidative Stress via Activation of the Nrf-2 Pathway. <i>Molecules</i> , 2019, 24, 1839.	3.8	23
11	<i>Albizia anthelmintica</i> : HPLC-MS/MS profiling and in vivo anti-inflammatory, pain killing and antipyretic activities of its leaf extract. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108882.	5.6	23
12	<i>Acalypha wilkesiana</i> flowers: Phenolic profiling, cytotoxic activity of their biosynthesized silver nanoparticles and molecular docking study for its constituents as Topoisomerase-I inhibitors. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101243.	3.1	22
13	Characterization of phenolic compounds from <i>Eugenia supra-axillaris</i> leaf extract using HPLC-PDA-MS/MS and its antioxidant, anti-inflammatory, antipyretic and pain killing activities in vivo. <i>Scientific Reports</i> , 2019, 9, 11122.	3.3	21
14	Phytochemical profiling and anti-aging activities of <i>Euphorbia retusa</i> extract: In silico and in vitro studies. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103159.	4.9	21
15	HPLC-ESI- MS/MS analysis of beet ( <i>Beta vulgaris</i> ) leaves and its beneficial properties in type 1 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 120, 109541.	5.6	19
16	Phytochemical Profiling of <i>Lavandula coronopifolia</i> Poir. Aerial Parts Extract and Its Larvicidal, Antibacterial, and Antibiofilm Activity Against <i>Pseudomonas aeruginosa</i> . <i>Molecules</i> , 2021, 26, 1710.	3.8	19
17	Synergistic Effect of Mandarin Peels and Hesperidin with Sodium Nitrite against Some Food Pathogen Microbes. <i>Molecules</i> , 2021, 26, 3186.	3.8	18
18	Metabolomic profiling to reveal the therapeutic potency of <i>Posidonia oceanica</i> nanoparticles in diabetic rats. <i>RSC Advances</i> , 2021, 11, 8398-8410.	3.6	17

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19	Antimicrobial Activity of Silver and Zinc Nanoparticles Mediated by Eggplant Green Calyx. International Journal of Pharmacology, 2020, 16, 236-243.	0.3	17
20	Nano Zinc Oxide Green-Synthesized from Plumbago auriculata Lam. Alcoholic Extract. Plants, 2021, 10, 2447.	3.5	17
21	Phytochemical Profiling of the Leaf Extract of Ximenia americana var. caffra and Its Antioxidant, Antibacterial, and Antiaging Activities In Vitro and in Caenorhabditis elegans: A Cosmeceutical and Dermatological Approach. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	4.0	17
22	Green silver nanoparticles based on Lavandula coronopifolia aerial parts extract against mycotic mastitis in cattle. Biocatalysis and Agricultural Biotechnology, 2022, 42, 102350.	3.1	17
23	Gastro-Protective Effects of Albizia anthelmintica Leaf Extract on Indomethacin-Induced Gastric Ulcer in Wistar Rats: In Silico and In Vivo Studies. Antioxidants, 2021, 10, 176.	5.1	16
24	New isorhamnetin derivatives from Salsola imbricata Forssk. leaves with distinct anti-inflammatory activity. Pharmacognosy Magazine, 2016, 12, 47.	0.6	16
25	Phenolic profiling of different <i>Jasminum</i> species cultivated in Egypt and their antioxidant activity. Natural Product Research, 2021, 35, 4663-4668.	1.8	15
26	Pea ( <i>Pisum sativum</i> ) peel extract attenuates DOX-induced oxidative myocardial injury. Biomedicine and Pharmacotherapy, 2021, 143, 112120.	5.6	15
27	A New Polyoxygenated Flavonol Gossypetin-3-O- $\beta$ -D-Robinoside from <i>Caesalpinia gilliesii</i> (Hook.) D. Dietr. and In Vivo Hepatoprotective, Anti-Inflammatory, and Anti-Ulcer Activities of the Leaf Methanol Extract. Molecules, 2019, 24, 138.	3.8	13
28	<i>Syzygium jambos</i> extract mitigates pancreatic oxidative stress, inflammation and apoptosis and modulates hepatic IRS-2/AKT/GLUT4 signaling pathway in streptozotocin-induced diabetic rats. Biomedicine and Pharmacotherapy, 2021, 142, 112085.	5.6	13
29	<i>Jasminum azoricum</i> L. leaves: HPLC-PDA/MS/MS profiling and <i>in-vitro</i> cytotoxicity supported by molecular docking. Natural Product Research, 2021, 35, 5518-5520.	1.8	11
30	A Leaf Extract of <i>Harrisonia abyssinica</i> Ameliorates Neurobehavioral, Histological and Biochemical Changes in the Hippocampus of Rats with Aluminum Chloride-Induced Alzheimer's Disease. Antioxidants, 2021, 10, 947.	5.1	11
31	Metabolomic profiling of three <i>Araucaria</i> species, and their possible potential role against COVID-19. Journal of Biomolecular Structure and Dynamics, 2021, , 1-13.	3.5	10
32	A new octadecenoic acid derivative from <i>Caesalpinia gilliesii</i> flowers with potent hepatoprotective activity. Pharmacognosy Magazine, 2016, 12, 332.	0.6	9
33	Synergistic Effect between Amoxicillin and Zinc Oxide Nanoparticles Reduced by Oak Gall Extract against <i>Helicobacter pylori</i> . Molecules, 2022, 27, 4559.	3.8	9
34	Phenolic content, radical scavenging activity and cytotoxicity of <i>Tamarix nilotica</i> (Ehrenb.) bunge growing in Egypt. Journal of Pharmacognosy and Phytotherapy, 2013, 5, 47-52.	0.4	8
35	Synergistic effect and efflux pump inhibitory activity of <i>Ficus nitida</i> phenolic extract with tetracycline against some pathogenic bacteria. Toxin Reviews, 2019, , 1-11.	3.4	8
36	Cytotoxic Activity of Zinc Oxide Nanoparticles Mediated by <i>Euphorbia Retusa</i> . Crystals, 2022, 12, 903.	2.2	7

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37	CHEMICAL PROFILE OF TWO JASMINUM SAMBAC L. (AIT) CULTIVARS CULTIVATED IN EGYPTâ€“THEIR MEDIATED SILVER NANOPARTICLES SYNTHESIS AND SELECTIVE CYTOTOXICITY. International Journal of Applied Pharmaceutics, 0, , 154-164.	0.3	6
38	The role of active metabolites isolated from <i>Jasminum multiflorum</i> flowers against hepatitis C virus infection and related hepatocellular carcinoma. Natural Product Research, 2022, 36, 2625-2629.	1.8	6
39	Acylated flavonol diglucosides from <i>Ammania auriculata</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2015, 70, 39-43.	1.4	5
40	Aldose reductase inhibitor from <i>Cassia glauca</i> : A comparative study of cytotoxic activity with Ag nanoparticles (NPs) and molecular docking evaluation. PLoS ONE, 2020, 15, e0240856.	2.5	5
41	A sulfated polyphenols-rich extract from <i>Sabal yapa</i> exhibits antitumor activities in Ehrlich ascites carcinoma. Saudi Journal of Biological Sciences, 2021, 28, 3117-3125.	3.8	5
42	Anti-Inflammatory, Antipyretic, and Analgesic Properties of <i>Potamogeton perfoliatus</i> Extract: In Vitro and In Vivo Study. Molecules, 2021, 26, 4826.	3.8	5
43	<i>Potamogeton perfoliatus</i> L. Extract Attenuates Neuroinflammation and Neuropathic Pain in Sciatic Nerve Chronic Constriction Injury-Induced Peripheral Neuropathy in Rats. Frontiers in Pharmacology, 2021, 12, 799444.	3.5	5
44	Structural Characterization of Polyphenolics in <i>Livistona chinensis</i> Using HPLC-PDA-MS. Journal of Advanced Pharmacy Research, 2019, .	0.3	3
45	Antioxidant, Anti-Inflammatory and Cytotoxic Activities of <i>Jasminum multiflorum</i> (Burm. F.) Andrews Leaves towards MCF-7 Breast Cancer and HCT 116 Colorectal Cell Lines and Identification of Bioactive Metabolites. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 2572-2582.	1.7	2