

Mohammed Ghoneim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

339
citations

8
h-index

11
g-index

156
ext. papers

989
ext. citations

4.2
avg, IF

3.4
L-index

#	Paper	IF	Citations
105	Gelatin- and Papaya-Based Biodegradable and Edible Packaging Films to Counter Plastic Waste Generation.. <i>Materials</i> , 2022 , 15,	3.5	3
104	Phytochemical Compound Screening to Identify Novel Small Molecules against Dengue Virus: A Docking and Dynamics Study.. <i>Molecules</i> , 2022 , 27,	4.8	3
103	Lycopene: A Natural Arsenal in the War against Oxidative Stress and Cardiovascular Diseases.. <i>Antioxidants</i> , 2022 , 11,	7.1	6
102	Simultaneous Determination of Caffeine and Paracetamol in Commercial Formulations Using Greener Normal-Phase and Reversed-Phase HPTLC Methods: A Contrast of Validation Parameters.. <i>Molecules</i> , 2022 , 27,	4.8	3
101	Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	5
100	Anti-Huntington's Effect of Butin in 3-Nitropropionic Acid-Treated Rats: Possible Mechanism of Action.. <i>Neurotoxicity Research</i> , 2022 , 40, 66	4.3	2
99	Docking Study, Synthesis, and Anti-Inflammatory Potential of Some New Pyridopyrimidine-Derived Compounds.. <i>Journal of Inflammation Research</i> , 2022 , 15, 451-463	4.8	2
98	Vacuum-Free Quantum Dots Planar Hybrid Solar Cells: Improving Charge Transport Using Reduced Graphene Oxide and PEO as the Buffer Layer. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1185	2.6	1
97	Aromatic Polyesters Containing Ether and a Kinked Aromatic Amide Structure in the Main Chain: Synthesis and Characterisation. <i>Coatings</i> , 2022 , 12, 181	2.9	
96	DNA Methylation: A Promising Approach in Management of Alzheimer's Disease and Other Neurodegenerative Disorders.. <i>Biology</i> , 2022 , 11,	4.9	4
95	MOFs-Graphene Composites Synthesis and Application for Electrochemical Supercapacitor: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	3
94	Quantitative Analysis of Abamectin, Albendazole, Levamisole HCl and Closantel in Q-DRENCH Oral Suspension Using a Stability-Indicating HPLC-DAD Method.. <i>Molecules</i> , 2022 , 27,	4.8	2
93	Nanoformulations of curcumin and quercetin with silver nanoparticles for inactivation of bacteria. <i>Cellular and Molecular Biology</i> , 2022 , 67, 151-156	1.1	4
92	Determination of Thymol in Commercial Formulation, Essential Oils, Traditional, and Ultrasound-Based Extracts of and Using a Greener HPTLC Approach.. <i>Molecules</i> , 2022 , 27,	4.8	2
91	Development and Optimization of Hybrid Polymeric Nanoparticles of Apigenin: Physicochemical Characterization, Antioxidant Activity and Cytotoxicity Evaluation.. <i>Sensors</i> , 2022 , 22,	3.8	4
90	Innovative next-generation therapies in combating multi-drug-resistant and multi-virulent Escherichia coli isolates: insights from in vitro, in vivo, and molecular docking studies.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 106, 1691	5.7	3
89	Genetic Structure of Cucumber Mosaic Virus From Natural Hosts in Nigeria Reveals High Diversity and Occurrence of Putative Novel Recombinant Strains.. <i>Frontiers in Microbiology</i> , 2022 , 13, 753054	5.7	0

88	On dynamics of an eco-epidemics system incorporating fractional operators of singular and nonsingular types. <i>Results in Physics</i> , 2022 , 34, 105259	3.7	
87	Product Development Studies of Cranberry Seed Oil Nanoemulsion. <i>Processes</i> , 2022 , 10, 393	2.9	0
86	Plant-Based Synthesis of Gold Nanoparticles and Theranostic Applications: A Review.. <i>Molecules</i> , 2022 , 27,	4.8	3
85	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry.. <i>ACS Omega</i> , 2022 , 7, 8184-8197	3.9	1
84	Enhancement of the Solubility and Bioavailability of Pitavastatin through a Self-Nanoemulsifying Drug Delivery System (SNEDDS).. <i>Pharmaceutics</i> , 2022 , 14,	6.4	4
83	Use of Next-Generation Sequencing for Identifying Mitochondrial Disorders. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 1127-1148	2.9	0
82	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route.. <i>Pharmaceutics</i> , 2022 , 15,	5.2	6
81	UPLC-MS/MS-Based Analysis of Trastuzumab in Plasma Samples: Application in Breast Cancer Patients Sample Monitoring. <i>Processes</i> , 2022 , 10, 509	2.9	
80	Biological investigation of -methyl thiosemicarbazones as antimicrobial agents and bacterial carbonic anhydrases inhibitors.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 986-993	5.6	1
79	Ribociclib-Loaded Ethylcellulose-Based Nanosponges: Formulation, Physicochemical Characterization, and Cytotoxic Potential against Breast Cancer. <i>Adsorption Science and Technology</i> , 2022 , 2022, 1-11	3.6	0
78	Surface-Modified Bilosomes Nanogel Bearing a Natural Plant Alkaloid for Safe Management of Rheumatoid Arthritis Inflammation.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	4
77	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury.. <i>Regenerative Therapy</i> , 2022 , 19, 144-153	3.7	0
76	Utilization of Artificial Intelligence in Disease Prevention: Diagnosis, Treatment, and Implications for the Healthcare Workforce.. <i>Healthcare (Switzerland)</i> , 2022 , 10,	3.4	3
75	Impact of Dietary Egg Yolk IgY Powder on Behavior, Meat Quality, Physiology, and Intestinal Colonization of Broiler Chicks.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 783094	3.1	0
74	Molecular Mechanisms and Therapeutic Strategies for Levodopa-Induced Dyskinesia in Parkinson's Disease: A Perspective Through Preclinical and Clinical Evidence.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 805388	5.6	2
73	Enhanced light absorption and charge separation of In-doped ZnO nanorod arrays for photoelectrochemical water-splitting application. <i>International Journal of Energy Research</i> , 2022 , 46, 6264-6276	4.5	2
72	Clonal Diversity and Epidemiological Characteristics of ST239-MRSA Strains.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 782045	5.9	3
71	Evaluation of the Structural Deviation of Cu/Cu ₂ O Nanocomposite Using the X-ray Diffraction Analysis Methods. <i>Crystals</i> , 2022 , 12, 566	2.3	0

70	Determination of Gefitinib Using Routine and Greener Stability-Indicating HPTLC Methods: A Comparative Evaluation of Validation Parameters. <i>Processes</i> , 2022 , 10, 762	2.9	0
69	Sepsis triggered oxidative stress-inflammatory axis: the pathobiology of reprogramming in the normal sleep-wake cycle.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	0
68	Development of Apremilast Nanoemulsion-Loaded Chitosan Gels: In Vitro Evaluations and Anti-Inflammatory and Wound Healing Studies on a Rat Model. <i>Gels</i> , 2022 , 8, 253	4.2	2
67	Antioxidant and Wound Healing Potential of Vitis vinifera Seeds Supported by Phytochemical Characterization and Docking Studies. <i>Antioxidants</i> , 2022 , 11, 881	7.1	2
66	TiO ₂ /SnO ₂ Nanocomposites for Photocatalytic Environmental Remediation under UV-Light. <i>Metals</i> , 2022 , 12, 733	2.3	1
65	A Simple, Cost-Effective, and Green HPTLC Method for the Estimation of Ascorbic Acid in Solvent and Ultrasound-Assisted Extracts of Phyllanthus emblica, Capsicum annum, and Psidium guajava. <i>Agronomy</i> , 2022 , 12, 1016	3.6	
64	Formulation and Evaluation of Nano Lipid Carrier-Based Ocular Gel System: Optimization to Antibacterial Activity. <i>Gels</i> , 2022 , 8, 255	4.2	3
63	Triazoles and Their Derivatives: Chemistry, Synthesis, and Therapeutic Applications.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 864286	5.6	6
62	In Vitro Anti-Proliferative, and Kinase Inhibitory Activity of Phenanthroindolizidine Alkaloids Isolated from Tylophora indica. <i>Plants</i> , 2022 , 11, 1295	4.5	2
61	Chitosan Silver and Gold Nanoparticle Formation Using Endophytic Fungi as Powerful Antimicrobial and Anti-Biofilm Potentialities. <i>Antibiotics</i> , 2022 , 11, 668	4.9	2
60	Bioactive Phytochemicals of Citrus reticulata Seeds: An Example of Waste Product Rich in Healthy Skin Promoting Agents. <i>Antioxidants</i> , 2022 , 11, 984	7.1	1
59	Triazoloquinolines-based DNA intercalators-Topo II inhibitors: design, synthesis, docking, ADMET and anti-proliferative evaluations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 1556-1567	5.6	0
58	Box-Behnken Design (BBD) Application for Optimization of Chromatographic Conditions in RP-HPLC Method Development for the Estimation of Thymoquinone in Nigella sativa Seed Powder. <i>Processes</i> , 2022 , 10, 1082	2.9	
57	Efficiency of Multiple Extraction Solvents on Antioxidant, Cytotoxic, and Phytotoxic Potential of Taraxacum officinale (L.) Weber ex F.H. Wigg. from Poonch Valley, Azad Kashmir, Pakistan. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-9	2.3	
56	Simultaneous Determination of Fenchone and Trans-Anethole in Essential Oils and Methanolic Extracts of Foeniculum vulgare Mill. Fruits Obtained from Different Geographical Regions Using GC-MS Approach. <i>Separations</i> , 2022 , 9, 132	3.1	1
55	Molecular modelling and simulation techniques to investigate the effects of fungal metabolites on the SARS-CoV-2 RdRp protein inhibition. <i>Journal of King Saud University - Science</i> , 2022 , 102147	3.6	0
54	Optimization of pyrazolo[1,5-a]pyrimidine based compounds with pyridine scaffold: Synthesis, biological evaluation and molecular modeling study. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 104015	5.9	0
53	Carbon Nanotubes: Current Perspectives on Diverse Applications in Targeted Drug Delivery and Therapies. <i>Materials</i> , 2021 , 14,	3.5	6

52	Formulation of ternary genistein Cyclodextrin inclusion complex: In vitro characterization and cytotoxicity assessment using breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 102932	4.5	2
51	Symptomatic, Genetic, and Mechanistic Overlaps between Autism and Alzheimer's Disease. <i>Biomolecules</i> , 2021 , 11,	5.9	2
50	A review on nanotechnology: Properties, applications, and mechanistic insights of cellular uptake mechanisms. <i>Journal of Molecular Liquids</i> , 2021 , 118008	6	9
49	Environmentally Benign Organic Dye Conversion under UV Light through TiO ₂ -ZnO Nanocomposite. <i>Metals</i> , 2021 , 11, 1787	2.3	0
48	Molecular Detection of Fluoroquinolone Resistance among Multidrug-, Extensively Drug-, and Pan-Drug-Resistant Species in Egypt. <i>Antibiotics</i> , 2021 , 10,	4.9	3
47	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2021 , 195, 114849	6	3
46	Promises of phytochemical based nano drug delivery systems in the management of cancer. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109745	5	1
45	Plasmonic Gold Nanorod Size-Controlled: Optical, Morphological, and Electrical Properties of Efficiency Improved Tin Disulfide Vacuum-Free Hybrid Solar Cells. <i>Metals</i> , 2021 , 11, 1911	2.3	1
44	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics.. <i>Antibiotics</i> , 2021 , 10,	4.9	10
43	Hybrid ZnO Flowers-Rods Nanostructure for Improved Photodetection Compared to Standalone Flowers and Rods. <i>Coatings</i> , 2021 , 11, 1464	2.9	2
42	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives. <i>Polymers</i> , 2021 , 13,	4.5	5
41	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
40	Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects. <i>Processes</i> , 2021 , 9, 2019	2.9	1
39	Solubility of sinapic acid in some (ethylene glycol + water) mixtures: Measurement, computational modeling, thermodynamics, and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 348, 118057	6	1
38	Intranasal delivery of chitosan decorated nanostructured lipid carriers of Buspirone for brain targeting: Formulation development, optimization and In-Vivo preclinical evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 67, 102939	4.5	3
37	A Greener HPTLC Approach for the Determination of β -Carotene in Traditional and Ultrasound-Based Extracts of Different Fractions of <i>Daucus carota</i> (L.), <i>Ipomea batatas</i> (L.), and Commercial Formulation. <i>Agronomy</i> , 2021 , 11, 2443	3.6	2
36	An In Vitro and In Silico Study of the Enhanced Antiproliferative and Pro-Oxidant Potential of <i>L. cv. Arbosana</i> Leaf Extract via Elastic Nanovesicles (Spanlastics).. <i>Antioxidants</i> , 2021 , 10,	7.1	1
35	Integrating nanotechnology with naturally occurring phytochemicals in neuropathy induced by diabetes. <i>Journal of Molecular Liquids</i> , 2021 , 118189	6	0

34	Investigating Antiarthritic Potential of Nanostructured Clove Oil () in FCA-Induced Arthritic Rats: Pharmaceutical Action and Delivery Strategies. <i>Molecules</i> , 2021 , 26,	4.8	3
33	Fustin Inhibits Oxidative Free Radicals and Inflammatory Cytokines in Cerebral Cortex and Hippocampus and Protects Cognitive Impairment in Streptozotocin-Induced Diabetic Rats. <i>ACS Chemical Neuroscience</i> , 2021 ,	5.7	0
32	Development and evaluation of luteolin loaded pegylated bilosome: optimization, characterization, and cytotoxicity study. <i>Drug Delivery</i> , 2021 , 28, 2562-2573	7	1
31	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021 , 10,	4.9	3
30	Rapid, Highly-Sensitive and Ecologically Greener Reversed-Phase/Normal-Phase HPTLC Technique with Univariate Calibration for the Determination of Trans-Resveratrol. <i>Separations</i> , 2021 , 8, 184	3.1	
29	Design and Evaluation of Losartan Potassium Effervescent Floating Matrix Tablets: In Vivo X-ray Imaging and Pharmacokinetic Studies in Albino Rabbits. <i>Polymers</i> , 2021 , 13,	4.5	3
28	Development of Piperine-Loaded Solid Self-Nanoemulsifying Drug Delivery System: Optimization, In-Vitro, Ex-Vivo, and In-Vivo Evaluation. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
27	Influence of Stabilizer on the Development of Luteolin Nanosuspension for Cutaneous Delivery: An In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
26	Novel Phenolic Compounds as Potential Dual EGFR and COX-2 Inhibitors: Design, Semisynthesis, in vitro Biological Evaluation and in silico Insights. <i>Drug Design, Development and Therapy</i> , 2021 , 15, 2325-2337	4.4	4
25	Targeting 3CLpro and SARS-CoV-2 RdRp by sp. Metabolites: A Computational Study. <i>Molecules</i> , 2021 , 26,	4.8	3
24	Strawberry and Ginger Silver Nanoparticles as Potential Inhibitors for SARS-CoV-2 Assisted by In Silico Modeling and Metabolic Profiling. <i>Antibiotics</i> , 2021 , 10,	4.9	12
23	Proposed Mechanism for the Antitrypanosomal Activity of Quercetin and Myricetin Isolated from Lam.: Phytochemistry, In Vitro Testing and Modeling Studies. <i>Molecules</i> , 2021 , 26,	4.8	3
22	Flavonoid-Coated Gold Nanoparticles as Efficient Antibiotics against Gram-Negative Bacteria-Evidence from In Silico-Supported In Vitro Studies. <i>Antibiotics</i> , 2021 , 10,	4.9	5
21	Pathobiological Relationship of Excessive Dietary Intake of Choline/L-Carnitine: A TMAO Precursor-Associated Aggravation in Heart Failure in Sarcopenic Patients. <i>Nutrients</i> , 2021 , 13,	6.7	1
20	Chemical characteristics and targeted encapsulated fruits extracts nanoparticles for antioxidant and cytotoxicity potentials. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 5349-5358	4	1
19	Traditional ancient Egyptian medicine: A review. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 5823-5832	4	11
18	Repurposing of FDA Approved Alkaloids as COVID 19 Inhibitors; in silico Studies. <i>Pharmacognosy Journal</i> , 2021 , 13, 110-123	1.6	3
17	Emerging Anthelmintic Resistance in Poultry: Can Ethnopharmacological Approaches Offer a Solution?. <i>Frontiers in Pharmacology</i> , 2021 , 12, 774896	5.6	1

16	Hepatoprotective Effects of Bioflavonoid Luteolin Using Self-Nanoemulsifying Drug Delivery System.. <i>Molecules</i> , 2021 , 26,	4.8	4
15	Green Synthesis and Characterization of Copper Nanoparticles Using Leaves.. <i>Polymers</i> , 2021 , 13,	4.5	5
14	Discovery, Development, Inventions, and Patent Trends on Mobocertinib Succinate: The First-in-Class Oral Treatment for NSCLC with EGFR Exon 20 Insertions.. <i>Biomedicines</i> , 2021 , 9,	4.8	5
13	Smart Nanocarriers as an Emerging Platform for Cancer Therapy: A Review.. <i>Molecules</i> , 2021 , 27,	4.8	11
12	Biological evaluation and molecular docking study of metabolites from <i>Salvadora Persica</i> L. Growing in Egypt. <i>Pharmacognosy Magazine</i> , 2019 , 15, 232	0.8	14
11	Evaluation and understanding the molecular basis of the antimethicillin-resistant <i>Staphylococcus aureus</i> activity of secondary metabolites isolated from <i>Lamium amplexicaule</i> . <i>Pharmacognosy Magazine</i> , 2018 , 14, 3	0.8	6
10	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazino ne Derivatives. <i>Letters in Drug Design and Discovery</i> , 2017 , 14,	0.8	3
9	Antiurease activity of plants growing in the Czech Republic. <i>Natural Product Research</i> , 2014 , 28, 868-73	2.3	9
8	Asphodossides A-E, anti-MRSA metabolites from <i>Asphodelus microcarpus</i> . <i>Phytochemistry</i> , 2014 , 105, 79-84	4	6
7	Isolation and characterization of new secondary metabolites from. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3510-3515	2.2	6
6	Zeaxoxazolinone, a new antifungal agent from <i>Zea mays</i> roots. <i>Medicinal Chemistry Research</i> , 2014 , 23, 4627-4630	2.2	3
5	Biologically Active Secondary Metabolites from <i>Asphodelus Microcarpus</i> . <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	2
4	Biologically active secondary metabolites from <i>Asphodelus microcarpus</i> . <i>Natural Product Communications</i> , 2013 , 8, 1117-9	0.9	12
3	New polyamides based on diacid with decanediamide and methylene groups and aromatic diamines. <i>Journal of Applied Polymer Science</i> , 52221	2.9	0
2	Solubility of tadalafil in aqueous mixtures of Transcutol [®] and PEG 400 revisited: correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> , 1-17	1.5	
1	Application of hydrophilic polymers for the preparation of tadalafil solid dispersions: micromeritics properties, release and erectile dysfunction studies in male rats. <i>PeerJ</i> , 10, e13482	3.1	0