

Abdur Rauf

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.

398
papers

6,301
citations

38
h-index

62
g-index

446
ext. papers

8,566
ext. citations

3.9
avg, IF

6.34
L-index

#	Paper	IF	Citations
398	Black pepper (<i>Piper nigrum</i>) fruit-based gold nanoparticles (BP-AuNPs): Synthesis, characterization, biological activities, and catalytic applications [A green approach. <i>Green Processing and Synthesis</i> , 2022 , 11, 11-28	3.9	0
397	Potent Phosphodiesterase 1 Inhibition of Flavone Isolated from Galls.. <i>BioMed Research International</i> , 2022 , 2022, 6116003	3	1
396	Identification of Phenolic Compounds in Australian-Grown Bell Peppers by Liquid Chromatography Coupled with Electrospray Ionization-Quadrupole-Time-of-Flight-Mass Spectrometry and Estimation of Their Antioxidant Potential.. <i>ACS Omega</i> , 2022 , 7, 4563-4576	3.9	3
395	Antioxidant and Cytotoxic Activity of a New Ferruginan A from : and Studies.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 8519250	6.7	1
394	and studies on clinically important enzymes inhibitory activities of flavonoids isolated from .. <i>Annals of Medicine</i> , 2022 , 54, 495-506	1.5	1
393	Comprehensive review on naringenin and naringin polyphenols as a potent anticancer agent.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	9
392	The importance of biological macromolecules in biomedicine 2022 , 53-68		0
391	Green Synthesis of Gold and Silver Nanoparticles Using <i>Opuntia dillenii</i> Aqueous Extracts: Characterization and Their Antimicrobial Assessment. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-17	3.2	0
390	Multifunctional Therapeutic Approach of Nanomedicines against Inflammation in Cancer and Aging. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-19	3.2	10
389	Hematobiochemical, Oxidative Stress, and Histopathological Mediated Toxicity Induced by Nickel Ferrite (NiFeO) Nanoparticles in Rabbits.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 5066167	6.7	2
388	Exploring the journey of emodin as a potential neuroprotective agent: Novel therapeutic insights with molecular mechanism of action.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112877	7.5	11
387	Microbiome in cancer: Role in carcinogenesis and impact in therapeutic strategies.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112898	7.5	6
386	Stimulated reversal of the strong adhesion of catechol onto a silica surface. <i>Bulletin of the Korean Chemical Society</i> , 2022 , 43, 210-214	1.2	
385	In Vivo Anti-Inflammatory, Analgesic, Muscle Relaxant, and Sedative Activities of Extracts from (<i>L.</i>) Skeels in Mice.. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 6307529	2.3	1
384	In Vivo Anti-Inflammatory, Analgesic, Sedative, and Muscle Relaxant Activities and Molecular Docking Analysis of Phytochemicals from <i>Euphorbia pulcherrima</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-9	2.3	0
383	Single-Step <i>Acer pentapomicum</i> -Mediated Green Synthesis of Silver Nanoparticles and Their Potential Antimicrobial and Antioxidant Activities. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-10	3.2	2
382	Analysis of Germin-like protein genes family in <i>Vitis vinifera</i> (VvGLPs) using various in silico approaches.. <i>Brazilian Journal of Biology</i> , 2022 , 84, e256732	1.5	0

381	LC-ESI-QTOF-MS/MS Characterization and Estimation of the Antioxidant Potential of Phenolic Compounds from Different Parts of the Lotus () Seed and Rhizome.. <i>ACS Omega</i> , 2022 , 7, 14630-14642	3.9	0
380	Neuroinflammatory Markers: Key Indicators in the Pathology of Neurodegenerative Diseases. <i>Molecules</i> , 2022 , 27, 3194	4.8	12
379	Phytochemistry and Biological Properties of <i>Salvia verbenaca</i> L.: A Comprehensive Review. <i>BioMed Research International</i> , 2022 , 2022, 1-29	3	1
378	In Vivo and In Vitro Biological Evaluation and Molecular Docking Studies of Compounds Isolated from <i>Micromeria biflora</i> (Buch. Ham. ex D.Don) Benth. <i>Molecules</i> , 2022 , 27, 3377	4.8	
377	Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1-17	6.7	7
376	α-Glycosidase and urease enzyme inhibition profile of some selected medicinal plants of Pakistan. <i>Natural Product Research</i> , 2021 , 35, 5434-5439	2.3	3
375	Berberine as a Potential Anticancer Agent: A Comprehensive Review. <i>Molecules</i> , 2021 , 26,	4.8	15
374	Garlic (<i>Allium sativum</i> L.): Its Chemistry, Nutritional Composition, Toxicity and Anticancer Properties. <i>Current Topics in Medicinal Chemistry</i> , 2021 ,	3	3
373	Antispasmodic Potential of Medicinal Plants: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 4889719	6.7	3
372	<i>Punica granatum</i> peel extracts mediated the green synthesis of gold nanoparticles and their detailed in vivo biological activities. <i>Green Processing and Synthesis</i> , 2021 , 10, 882-892	3.9	1
371	Anticancer effects of acteoside: Mechanistic insights and therapeutic status.. <i>European Journal of Pharmacology</i> , 2021 , 916, 174699	5.3	4
370	Isolation of Bioactive Compounds from <i>Pistacia integerrima</i> with Promising Effects on Reverse Cancer Multidrug Resistance. <i>Russian Journal of Bioorganic Chemistry</i> , 2021 , 47, 997-1003	1	1
369	Antidiabetic Activity of Ficusonolide, a Triterpene Lactone from (<i>Wall. ex Miq.</i>): , , and Approaches. <i>ACS Omega</i> , 2021 , 6, 27351-27357	3.9	2
368	Rosemary species: a review of phytochemicals, bioactivities and industrial applications. <i>South African Journal of Botany</i> , 2021 ,	2.9	5
367	Reduction of nitrophenol isomers and degradation of azo dyes through zero-valent Ni nanoparticles anchored on cellulose acetate coated Ce/Zr composite. <i>Journal of Water Process Engineering</i> , 2021 , 44, 102383	6.7	3
366	Density functional theory, molecular docking and muscle relaxant, sedative, and analgesic studies of indanone derivatives isolated from. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6488-6499	3.6	1
365	Recent advances in the therapeutic application of short-chain fatty acids (SCFAs): An updated review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-21	11.5	10
364	Molecular targets for the management of cancer using <i>Curcuma longa</i> Linn. phytoconstituents: A Review. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 135, 111078	7.5	17

363	First principle study of structural, electronic, optical and mechanical properties of cubic fluoro-perovskites: (CdXF ₃ , X = Y, Bi). <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	4
362	Can be marine bioactive peptides (MBAs) lead the future of foodomics for human health?. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-79	11.5	2
361	Diversity, molecular mechanisms and structure-activity relationships of marine protease inhibitors-A review. <i>Pharmacological Research</i> , 2021 , 166, 105521	10.2	1
360	Phytochemical composition, in vitro urease, β -glucosidase and phosphodiesterase inhibitory potency of <i>Syzygium cumini</i> (Jamun) fruits. <i>South African Journal of Botany</i> , 2021 ,	2.9	2
359	Immunomodulation of Tumor Microenvironment by Arginine-Loaded Iron Oxide Nanoparticles for Gaseous Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19825-19835	9.5	6
358	Superoxide dismutase: an updated review on its health benefits and industrial applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-19	11.5	20
357	Deciphering the Interacting Mechanisms of Circadian Disruption and Alzheimer's Disease. <i>Neurochemical Research</i> , 2021 , 46, 1603-1617	4.6	3
356	In Vivo Anti-inflammatory, Analgesic, and Sedative Studies of the Extract and Naphthoquinone Isolated from (Persimmon). <i>ACS Omega</i> , 2021 , 6, 9852-9856	3.9	5
355	<i>Phyllanthus emblica</i> : A comprehensive review of its therapeutic benefits. <i>South African Journal of Botany</i> , 2021 , 138, 278-310	2.9	7
354	Synthesis, Characterization and Bioactivity Profiling of Gold Nanoparticles of <i>Trachyspermum ammi</i> Crude Extract. <i>Journal of Pure and Applied Microbiology</i> , 2021 , 15, 667-676	0.9	0
353	Multi-Omics Approach in the Identification of Potential Therapeutic Biomolecule for COVID-19. <i>Frontiers in Pharmacology</i> , 2021 , 12, 652335	5.6	8
352	Therapeutic Potential of Polyphenols in the Management of Diabetic Neuropathy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 9940169	2.3	12
351	Drug Screening Analysis against the Overexpression of Gene in Different Cancer Treatments. <i>BioMed Research International</i> , 2021 , 2021, 5515692	3	0
350	Tailoring the antifouling agent titanium dioxide in the visible range of solar spectrum for photoelectrochemical activity with hybrid DFT & DFT + U approach. <i>Materials Today Communications</i> , 2021 , 27, 102366	2.5	1
349	and Studies of Flavonoids Isolated from as Potential Antidiarrheal Agents. <i>ACS Omega</i> , 2021 , 6, 15617-15624	3.6	2
348	Impact of Different Water Management Regimes on the Growth, Productivity, and Resource Use Efficiency of Dry Direct Seeded Rice in Central Punjab-Pakistan. <i>Agronomy</i> , 2021 , 11, 1151	3.6	1
347	Role of Withaferin A and Its Derivatives in the Management of Alzheimer's Disease: Recent Trends and Future Perspectives. <i>Molecules</i> , 2021 , 26,	4.8	4
346	Isolation, Biological Evaluation, and Molecular Docking Studies of Compounds from (Royle) Graham Ex Baker. <i>ACS Omega</i> , 2021 , 6, 15911-15919	3.9	1

345	Effect of natural leaf extracts as phytomedicine in curing geriatrics. <i>Experimental Gerontology</i> , 2021 , 150, 111352	4.5	16
344	The Rise of SARS-CoV-2 Variants and the Role of Convalescent Plasma Therapy for Management of Infections. <i>Life</i> , 2021 , 11,	3	13
343	Role of L. Fruits Extract in Combatting the Hematological and Hepatic Toxic Effects of Carbofuran. <i>Chemical Research in Toxicology</i> , 2021 , 34, 1890-1902	4	0
342	Pomegranate as a source of bioactive constituents: a review on their characterization, properties and applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 982-999	11.5	23
341	Nutritional and bioactive potential of seagrasses: A review. <i>South African Journal of Botany</i> , 2021 , 137, 216-227	2.9	9
340	Benzylidene and thiourea derivatives as new classes of carbonic anhydrase inhibitors: an in vitro and molecular docking study. <i>Medicinal Chemistry Research</i> , 2021 , 30, 552-563	2.2	2
339	Anti-inflammatory and In Silico Docking Studies of Heterophragma adenophyllum Seem Stem Constituents. <i>Inflammation</i> , 2021 , 44, 297-306	5.1	3
338	Synthesis of Urease Inhibitory 2, 4-bis (4-cyanobenzyl)glycoluril using Sandmeyer Reaction and Density Functional Theory Investigation. <i>Current Organic Synthesis</i> , 2021 , 18, 592-597	1.9	
337	Synthesis, characterization, biological activities, and catalytic applications of alcoholic extract of saffron (<i>Crocus sativus</i>) flower stigma-based gold nanoparticles. <i>Green Processing and Synthesis</i> , 2021 , 10, 230-245	3.9	7
336	Green synthesis of silver nanoparticles using <i>Tropaeolum majus</i> : Phytochemical screening and antibacterial studies. <i>Green Processing and Synthesis</i> , 2021 , 10, 85-94	3.9	10
335	Evaluation of the anti-diarrheal effects of the whole plant extracts of Roxb in pigeons. <i>Toxicology Reports</i> , 2021 , 8, 395-404	4.8	1
334	The development of a multifunctional 9,10-dibromooctadecanoic acid-encapsulated heterostructure (Ag@Ag ₂ O) as a nanocatalyst against water toxicity. <i>New Journal of Chemistry</i> , 2021 , 45, 7867-7877	3.6	
333	Antiglycation and enzyme inhibitory potential of salicylalazine isolated from <i>Micromeria biflora</i> (Buch.-Ham.ex D.Don) Benth. <i>South African Journal of Botany</i> , 2021 ,	2.9	1
332	Phyto-fabrication, purification, characterisation, optimisation, and biological competence of nano-silver. <i>IET Nanobiotechnology</i> , 2021 , 15, 1-18	2	10
331	Manganese Supply Improves Bread Wheat Productivity, Economic Returns and Grain Biofortification under Conventional and No Tillage Systems. <i>Agriculture (Switzerland)</i> , 2021 , 11, 142	3	5
330	Green synthesis, in vivo and in vitro pharmacological studies of <i>Tamarindus indica</i> based gold nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 1185-1192	3.7	3
329	Anti-Neuroinflammatory Potential of Polyphenols by Inhibiting NF- κ B to Halt Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2021 , 27, 402-414	3.3	14
328	Antibacterial, Antifungal, Antioxidant, and Docking Studies of Potential Dinaphthodiospyrols from Linn Roots. <i>ACS Omega</i> , 2021 , 6, 5878-5885	3.9	6

327	N,N?-dialkyl-2-thiobarbituric acid based sulfonamides as potential SARS-CoV-2 main protease inhibitors. <i>Canadian Journal of Chemistry</i> , 2021 , 99, 330-345	0.9	1
326	Process and applications of alginate oligosaccharides with emphasis on health beneficial perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-27	11.5	0
325	Exogenously Applied Gibberellic Acid Enhances Growth and Salinity Stress Tolerance of Maize through Modulating the Morpho-Physiological, Biochemical and Molecular Attributes. <i>Biomolecules</i> , 2021 , 11,	5.9	6
324	Docking-based virtual screening and identification of potential COVID-19 main protease inhibitors from brown algae. <i>South African Journal of Botany</i> , 2021 ,	2.9	3
323	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 3268136	6.7	12
322	Myricetin: A comprehensive review on its biological potentials. <i>Food Science and Nutrition</i> , 2021 , 9, 5854-5868	5.8	8
321	HD-ZIP Gene Family: Potential Roles in Improving Plant Growth and Regulating Stress-Responsive Mechanisms in Plants. <i>Genes</i> , 2021 , 12,	4.2	13
320	Potential health benefits of carotenoid lutein: An updated review. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112328	4.7	22
319	Sedative-hypnotic effect and in silico study of dinaphthodiospyrrols isolated from <i>Diospyros lotus</i> Linn. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111745	7.5	1
318	Natural Small Molecules Targeting NF- κ B Signaling in Glioblastoma. <i>Frontiers in Pharmacology</i> , 2021 , 12, 703761	5.6	4
317	Screening of Polyphenols in Tobacco () and Determination of Their Antioxidant Activity in Different Tobacco Varieties. <i>ACS Omega</i> , 2021 , 6, 25361-25371	3.9	5
316	Carbon Sequestration to Avoid Soil Degradation: A Review on the Role of Conservation Tillage. <i>Plants</i> , 2021 , 10,	4.5	5
315	Preclinical and Clinical Antioxidant Effects of Natural Compounds against Oxidative Stress-Induced Epigenetic Instability in Tumor Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	7
314	Irrigation Rationalization Boosts Wheat (<i>L.</i>) Yield and Reduces Rust Incidence under Arid Conditions. <i>BioMed Research International</i> , 2021 , 2021, 5535399	3	3
313	Nutraceuticals and Bio-inspired Materials from Microalgae and their Future Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2021 , 21, 1037-1051	3	3
312	Novel Anticancer Dimeric Naphthoquinones from having Anti- Tumor, Anti-Inflammatory and Multidrug Resistance Reversal Potential: and Evidence. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 2089-2097	2.2	1
311	Edible mushrooms show significant differences in sterols and fatty acid compositions. <i>South African Journal of Botany</i> , 2021 , 141, 344-356	2.9	11
310	Spiro Heterocyclic Compounds as Potential Anti-Alzheimer Agents (Part 2): Their Metal Chelation Capacity, POM Analyses and DFT Studies. <i>Medicinal Chemistry</i> , 2021 , 17, 834-843	1.8	2

309	Honokiol: A review of its pharmacological potential and therapeutic insights. <i>Phytomedicine</i> , 2021 , 90, 153647	6.5	11
308	In Vitro Antibacterial and Antifungal Potential of Amyrin-Type Triterpenoid Isolated from Linnaeus. <i>BioMed Research International</i> , 2021 , 2021, 1543574	3	2
307	Nickel nanoparticles induce hepatotoxicity via oxidative and nitrative stress-mediated apoptosis and inflammation. <i>Toxicology and Industrial Health</i> , 2021 , 37, 619-634	1.8	1
306	Health promoting benefits of pongamol: An overview. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112109	7.5	1
305	Potent urease inhibition and in Silico docking study of four secondary metabolites isolated from <i>Heterophragma adenophyllum</i> Seem. <i>South African Journal of Botany</i> , 2021 , 142, 201-205	2.9	2
304	Current advances of functional phytochemicals in <i>Nicotiana</i> plant and related potential value of tobacco processing waste: A review. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112191	7.5	5
303	Green synthesis and biomedical applications of silver and gold nanoparticles functionalized with methanolic extract of. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021 , 49, 194-203	6.1	9
302	Synthesis and biological activities of alcohol extract of black cumin seeds (<i>Bunium persicum</i>)-based gold nanoparticles and their catalytic applications. <i>Green Processing and Synthesis</i> , 2021 , 10, 440-455	3.9	3
301	Antinociceptive, Muscle Relaxant, Sedative, and Molecular Docking Studies of Peshawaraquinone Isolated from (<i>Wall. ex G. Don</i>) Steenis. <i>ACS Omega</i> , 2021 , 6, 996-1002	3.9	6
300	Hydrogeochemical Investigation of Elevated Arsenic Based on Entropy Modeling, in the Aquifers of District Sanghar, Sindh, Pakistan. <i>Water (Switzerland)</i> , 2021 , 13, 3477	3	2
299	Hepatoprotective Screening of (Qazilb.) Y.R. Ling.. <i>BioMed Research International</i> , 2021 , 2021, 9026731	3	
298	Screening of Marine Compounds as an Emerging and Promising Approach against Estrogen Receptor Alpha-Positive Breast Cancer.. <i>BioMed Research International</i> , 2021 , 2021, 9734279	3	1
297	Determination and Characterization of Phenolic Compounds from Australia-Grown Sweet Cherries (L.) and Their Potential Antioxidant Properties.. <i>ACS Omega</i> , 2021 , 6, 34687-34699	3.9	5
296	Ethnomedicinal and traditional uses of the Ferns of Khyber Pakhtunkhwa, Pakistan.. <i>Brazilian Journal of Biology</i> , 2021 , 84, e250256	1.5	2
295	The potential role of dietary plant ingredients against mammary cancer: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 1-26	11.5	4
294	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	23
293	A Novel Compound from the Bark of <i>Diospyros lotus</i> and their Urease Inhibitory Activity. <i>Chemistry of Natural Compounds</i> , 2020 , 56, 1005-1007	0.7	1
292	Pharmacognostic characteristics and phytochemical profile of various parts of <i>Parthenium hysterophorus</i> . <i>Rendiconti Lincei</i> , 2020 , 31, 853-872	1.7	7

291	Exploring the Promise of Targeting Ubiquitin-Proteasome System to Combat Alzheimer's Disease. <i>Neurotoxicity Research</i> , 2020 , 38, 8-17	4.3	32
290	Sedative, Muscle Relaxant-Like Effects, and Molecular Docking Study of Compounds Isolated from <i>Salvia leriifolia</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 257-260	2	1
289	Molecular Insight into the Therapeutic Promise of Flavonoids against Alzheimer's Disease. <i>Molecules</i> , 2020 , 25,	4.8	56
288	Anti-inflammatory, Antibacterial, Toxicological Profile, and In Silico Studies of Dimeric Naphthoquinones from <i>Diospyros lotus</i> . <i>BioMed Research International</i> , 2020 , 2020, 1-10	3	10
287	Synthesis, characterization and pharmacological activities of silver nanoparticles using <i>Bistorta affinis</i> and <i>Malcolmia cabulica</i> extracts. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2020 , 9, 7-15	1.3	4
286	Anti-Inflammatory Effects of Diospyrin on Lipopolysaccharide-Induced Inflammation Using RAW 264.7 Mouse Macrophages. <i>Biomedicines</i> , 2020 , 8,	4.8	4
285	Exploring the multimodal role of phytochemicals in the modulation of cellular signaling pathways to combat age-related neurodegeneration. <i>Science of the Total Environment</i> , 2020 , 725, 138313	10.2	37
284	Fatty Acid Composition, Functional Group Analysis and Antioxidant Activity of <i>Nymphia alba</i> and <i>Lupinus polyphyllus</i> Seed Extracts. <i>Journal of Oleo Science</i> , 2020 , 69, 317-326	1.6	1
283	<i>Trillium govanianum</i> Wall. Ex. Royle rhizomes extract-medicated silver nanoparticles and their antimicrobial activity. <i>Green Processing and Synthesis</i> , 2020 , 9, 503-514	3.9	6
282	An overview on red algae bioactive compounds and their pharmaceutical applications. <i>Journal of Complementary and Integrative Medicine</i> , 2020 ,	1.5	18
281	Synthesis, Characterization, and Antimicrobial Properties of Sparfloxacin-Mediated Noble Metal Nanoparticles. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 1789-1800	0.9	1
280	Exploring the Multifunctional Neuroprotective Promise of Rasagiline Derivatives for Multi-Dysfunctional Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4690-4698	3.3	15
279	Green Synthesis and Antimicrobial Potential of Silver Nanoparticles with <i>Boerhavia procumbens</i> Extract. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 1437-1451	0.9	7
278	Green Synthesis and Antimicrobial Potential of Silver/Gold Nanoparticles Functionalized with <i>Debregeasia salicifolia</i> D. Don. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 2513-2523	0.9	1
277	In Vitro α -glucosidase Inhibition and Computational Studies of Kaempferol Derivatives from <i>Dryopteris cycanida</i> . <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 731-737	3	2
276	Green synthesis and antimicrobial evaluation of silver nanoparticles mediated by leaf extract of <i>Syzygium cumini</i> against poultry pathogens. <i>Micro and Nano Letters</i> , 2020 , 15, 600-605	0.9	5
275	Green synthesis of silver nanoparticles from <i>Valeriana jatamansi</i> shoots extract and its antimicrobial activity. <i>Green Processing and Synthesis</i> , 2020 , 9, 715-721	3.9	3
274	Molecular Insight into the Crosstalk of UPS Components and Alzheimer's Disease. <i>Current Protein and Peptide Science</i> , 2020 , 21, 1193-1201	2.8	3

273	Hepcidin, an overview of biochemical and clinical properties. <i>Steroids</i> , 2020 , 160, 108661	2.8	10
272	Xanthophyll: Health benefits and therapeutic insights. <i>Life Sciences</i> , 2020 , 240, 117104	6.8	20
271	Therapeutic potentials of crocin in medication of neurological disorders. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111739	4.7	8
270	Sesquiterpenes and their derivatives-natural anticancer compounds: An update. <i>Pharmacological Research</i> , 2020 , 161, 105165	10.2	29
269	Gastrointestinal Motility, Muscle Relaxation, Antipyretic and Acute Toxicity Screening of Amyrin Type Triterpenoid (Daturaolone) Isolated From Linnaeus (Angel's Trumpet) Fruits. <i>Frontiers in Pharmacology</i> , 2020 , 11, 544794	5.6	5
268	Potent -Glucosidase and -Secretase Inhibition of Amyrin-Type Triterpenoid Isolated from Linnaeus (Angel's Trumpet) Fruits. <i>BioMed Research International</i> , 2020 , 2020, 8530165	3	3
267	The pharmacological basis of whole plant as an antiemetic agent in pigeons. <i>Toxicology Reports</i> , 2020 , 7, 1305-1310	4.8	3
266	Phosphodiesterase 1 inhibition and molecular docking study of phytochemicals isolated from stem heartwood of <i>Heterophragma adenophyllum</i> Seem. <i>South African Journal of Botany</i> , 2020 , 135, 274-279	2.9	2
265	Naphthoquinones from <i>Diospyros lotus</i> as potential urease inhibitors: In vitro and in silico studies. <i>South African Journal of Botany</i> , 2020 , 143, 301-301	2.9	0
264	Nanoformulation of C-18 long fatty acid-capped silver nanoparticles with exploration of photocatalytic and antibacterial activities. <i>New Journal of Chemistry</i> , 2020 , 44, 13979-13989	3.6	2
263	<i>Inula racemosa</i> and <i>Digitalis purpurea</i> from Kashmir: Fatty acid composition, antioxidant, antibacterial activities, and functional group evaluation. <i>Flavour and Fragrance Journal</i> , 2020 , 35, 653-665	2.5	4
262	In vivo analgesic, anti-inflammatory, and sedative activity and a molecular docking study of dinaphthodiospyrol G isolated from <i>Diospyros lotus</i> . <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 237	2.9	3
261	Diospyrin Modulates Inflammation in Poly I:C-Induced Macrophages via ER Stress-Induced Calcium-CHOP Pathway. <i>Processes</i> , 2020 , 8, 1050	2.9	0
260	Nutritional and health beneficial properties of saffron (L): a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 1-24	11.5	12
259	Synthesis, physicochemical elucidation, biological screening and molecular docking studies of a Schiff base and its metal(II) complexes. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 1130-1141	5.9	28
258	Urease inhibitory potential of extracts and active phytochemicals of (Asteraceae). <i>Natural Product Research</i> , 2020 , 34, 553-557	2.3	4
257	In vivo anti-nociceptive potential and cyclooxygenases 1 and 2 selectivity of di-naphthodiospyrols from <i>Diospyros lotus</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020 , 30, 577-581	2	5
256	Chrysin: Pharmacological and therapeutic properties. <i>Life Sciences</i> , 2019 , 235, 116797	6.8	63

255	Potent in Vitro α -Glucosidase Inhibition of Secondary Metabolites Derived from. <i>Molecules</i> , 2019 , 24,	4.8	6
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113	Synthesis, spectroscopic characterization and pH dependent photometric and electrochemical fate of Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 58-66	4.4	12
112	Organocatalyzed solvent free an efficient novel synthesis of 2,4,5-trisubstituted imidazoles for α -glucosidase inhibition to treat diabetes. <i>Bioorganic Chemistry</i> , 2015 , 58, 65-71	5.1	41

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110	First principles study of structural, optical, and electronic properties of zinc mercury chalcogenides. <i>Materials Science in Semiconductor Processing</i> , 2015 , 30, 462-468	4.3	28
109	Phytochemical analysis, antimicrobial, antioxidant and urease inhibitory potential of <i>Cyphostemma digitatum</i> Lam. <i>Natural Product Research</i> , 2015 , 29, 466-8	2.3	5
108	Synthesis, bioactivity, molecular docking and POM analyses of novel substituted thieno[2,3-b]thiophenes and related congeners. <i>Molecules</i> , 2015 , 20, 1824-41	4.8	18
107	Synthesis and In Vitro Biological Evaluation of 1,3,4-Oxadiazol-2(3H)-one and Tetrahydropyridazine-3,6-dione Derivatives of Fatty Acids. <i>Scientia Pharmaceutica</i> , 2015 , 83, 429-43	4.3	4
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101	Isolation and characterization of two new diterpenoids from <i>Stachys parviflora</i> : Antidiarrheal potential in mice. <i>Phytochemistry Letters</i> , 2015 , 14, 198-202	1.9	5
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