List of Publications by Year in descending order

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		535685	563245
110	1,373	17	28
papers	citations	h-index	g-index
112	112	112	1362
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Bioadsorbent and adsorbent-based heavy metal removal technologies from wastewater: new insight. Biomass Conversion and Biorefinery, 2023, 13, 13335-13356.	2.9	6
2	BV6 enhances apoptosis in Lung cancer cells by ameliorating caspase expressions through attenuation of XIAP, cIAP-1, and cIAP-2 proteins. Journal of Cancer Research and Therapeutics, 2022, 18, 1651.	0.3	3
3	Glycyrrhizin Mediates Downregulation of Notch Pathway Resulting in Initiation of Apoptosis and Disruption in the Cell Cycle Progression in Cervical Cancer Cells. Nutrition and Cancer, 2022, 74, 622-639.	0.9	23
4	Pharmacological Efficacy and Safety of Glycyrrhiza glabra in the Treatment of Respiratory Tract Infections. Mini-Reviews in Medicinal Chemistry, 2022, 22, 1476-1494.	1.1	12
5	Green synthesis of silver nanoparticles by Conocarpus Lancifolius plant extract and their antimicrobial and anticancer activities. Saudi Journal of Biological Sciences, 2022, 29, 460-471.	1.8	128
6	Tailoring of band gap, dielectric and antimicrobial properties of silver iodide nanoparticles through Cu doping. Materials Science in Semiconductor Processing, 2022, 137, 106239.	1.9	7
7	Facile low temperature synthesis of homogeneous CuS nanosheets: An effect of Ga loading on structural, optical, nonlinear and antimicrobial properties. Materials Chemistry and Physics, 2022, 277, 125552.	2.0	11
8	Assessing the Genetic Divergence of Onion (Allium Cepa L.) through Morpho-Physiological and Molecular Markers. Sustainability, 2022, 14, 1131.	1.6	10
9	Screening of the antioxidant and antibacterial effects of extracted essential oils from Thunbergia coccinea, Acacia polyacantha, Polygonum micrpcephallum, Abies spectabilis and Clerodendrum colebrookianum. Cellular and Molecular Biology, 2022, 67, 56-67.	0.3	3
10	Phytochemical Screening, Nutritional Value, Anti-Diabetic, Anti-Cancer, and Anti-Bacterial Assessment of Aqueous Extract from Abelmoschus esculentus Pods. Processes, 2022, 10, 183.	1.3	4
11	Identification of key regulators in Sarcoidosis through multidimensional systems biological approach. Scientific Reports, 2022, 12, 1236.	1.6	4
12	Drug Delivery Challenges and Current Progress in Nanocarrier-Based Ocular Therapeutic System. Gels, 2022, 8, 82.	2.1	41
13	Synthesis, Spectroscopic and Biological Investigation of a New Ca(II) Complex of Meloxicam as Potential COX-2 Inhibitor. Arabian Journal for Science and Engineering, 2022, 47, 7105-7122.	1.7	6
14	Antiproliferative and apoptotic potential of Glycyrrhizin against HPV16+ Caski cervical cancer cells: A plausible association with downreguation of HPV E6 and E7 oncogenes and Notch signaling pathway. Saudi Journal of Biological Sciences, 2022, , .	1.8	3
15	Computational molecular characterization of p53 and Human TLRs interactions. Cellular and Molecular Biology, 2022, 67, 1-5.	0.3	4
16	Design, synthesis and molecular docking studies of imidazole and benzimidazole linked ethionamide derivatives as inhibitors of InhA and antituberculosis agents. Bioorganic and Medicinal Chemistry Letters, 2022, 60, 128604.	1.0	20
17	Waste biomass based potential bioadsorbent for lead removal from simulated wastewater. Bioresource Technology, 2022, 349, 126843.	4.8	16
18	Bacterial Coinfections Increase Mortality of Severely III COVID-19 Patients in Saudi Arabia. International Journal of Environmental Research and Public Health, 2022, 19, 2424	1.2	29

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19	FOXO1 Gene Downregulation and Promoter Methylation Exhibits Significant Correlation With Clinical Parameters in Indian Breast Cancer Patients. Frontiers in Genetics, 2022, 13, 842943.	1.1	6
20	Bioethanol Production Optimization from KOH-Pretreated Bombax ceiba Using Saccharomyces cerevisiae through Response Surface Methodology. Fermentation, 2022, 8, 148.	1.4	13
21	Clinical Importance of FNDC-5 and Selectin-E mRNA Expression Among Type 2 Diabetics with and without Obesity. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2022, Volume 15, 1011-1021.	1.1	2
22	Structural, functional, molecular, and biological evaluation of novel triterpenoids isolated from Helichrysum stoechas (L.) Moench. Collected from Mediterranean Sea bank: Misurata- Libya. Arabian Journal of Chemistry, 2022, 15, 103818.	2.3	2
23	A simple validated HPTLC method for the analysis of flavonoids and molecular docking studies of novel tri-terpenoid glycoside isolated from Carya illinoinensis bark with potential anti-inflammatory and antinociceptive activities. South African Journal of Botany, 2022, 147, 596-607.	1.2	2
24	Polyaniline (PANI)-conjugated tungsten disulphide (WS2) nanoparticles as potential therapeutics against brain-eating amoebae. Applied Microbiology and Biotechnology, 2022, 106, 3279-3291.	1.7	2
25	Hydrogel-Based Adsorbent Material for the Effective Removal of Heavy Metals from Wastewater: A Comprehensive Review. Gels, 2022, 8, 263.	2.1	59
26	Investigation of antidiabetic properties of shikonin by targeting aldose reductase enzyme: In silico and in vitro studies. Biomedicine and Pharmacotherapy, 2022, 150, 112985.	2.5	7
27	Arsenic Exposure through Dietary Intake and Associated Health Hazards in the Middle East. Nutrients, 2022, 14, 2136.	1.7	17
28	Development of Biocompatible Polyhydroxyalkanoate/Chitosan-Tungsten Disulphide Nanocomposite for Antibacterial and Biological Applications. Polymers, 2022, 14, 2224.	2.0	2
29	Encapsulation of Lactic Acid Bacteria by Lyophilisation with Its Effects on Viability and Adhesion Properties. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-9.	0.5	7
30	Assessment of Antioxidative and Alpha-Amylase Potential of Polyherbal Extract. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	12
31	Zinc oxide nanoparticle: An effective antibacterial agent against pathogenic bacterial isolates. Journal of King Saud University - Science, 2022, 34, 102110.	1.6	14
32	Synthesis and Characterization of 2D-WS2 Incorporated Polyaniline Nanocomposites as Photo Catalyst for Methylene Blue Degradation. Nanomaterials, 2022, 12, 2090.	1.9	10
33	Flavonoids a Bioactive Compound from Medicinal Plants and Its Therapeutic Applications. BioMed Research International, 2022, 2022, 1-9.	0.9	66
34	Evaluation of Wound Healing Activity (Excision Wound Model) of Ointment Prepared from Infusion Extract of Polyherbal Tea Bag Formulation in Diabetes-Induced Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-7.	0.5	10
35	Crocus sativus L. Tepal Extract Induces Apoptosis in Human U87 Glioblastoma Cells. BioMed Research International, 2022, 2022, 1-7.	0.9	6
36	Cirsilineol Inhibits the Proliferation of Human Prostate Cancer Cells by Inducing Reactive Oxygen Species (ROS)-Mediated Apoptosis. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-7.	0.5	1

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37	Comparative Genomics and Pan-Genome Driven Prediction of a Reduced Genome of Akkermansia muciniphila. Microorganisms, 2022, 10, 1350.	1.6	5
38	FCXâ€146, a potent allosteric inhibitor of Akt kinase in cancer cells: Lead optimization of the secondâ€generation arylidene indanone scaffold. Biotechnology and Applied Biochemistry, 2021, 68, 82-91.	1.4	17
39	Increased mRNA expression of key cytokines among suspected cases of Pneumocystis jirovecii infection. BMC Infectious Diseases, 2021, 21, 28.	1.3	6
40	Flavonoids Targeting Cancer Stem Cells: A Paradigm to Anticancer Efficacy. , 2021, , 239-287.		0
41	Organosulphur Compounds Induce Apoptosis and Cell Cycle Arrest in Cervical Cancer Cells via Downregulation of HPV E6 and E7 Oncogenes. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 393-405.	0.9	17
42	Synergistic efficacies of thymoquinone and standard antibiotics against multi-drug resistant isolates. Journal of King Abdulaziz University, Islamic Economics, 2021, 42, 196-204.	0.5	14
43	Phytochemical Screening and In-Vitro Antibacterial and Anticancer Activity of Crude Extract of Matricaria aurea. Current Pharmaceutical Design, 2021, 27, 69-79.	0.9	6
44	BCL-2 (-938C>A), BAX (-248G>A), and HER2 Ile655Val Polymorphisms and Breast Cancer Risk in Indian Population. Journal of Oncology, 2021, 2021, 1-8.	0.6	2
45	Hydrogel: An Encouraging Nanocarrier System for the Delivery of Herbal Bioactive Compounds. Current Nanoscience, 2021, 17, 797-807.	0.7	6
46	Novel Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV2) and Other Coronaviruses: A Genome-wide Comparative Annotation and Analysis. Molecular and Cellular Biochemistry, 2021, 476, 2203-2217.	1.4	19
47	Marine Originated Fused Heterocyclic: Prospective Bioactivity against Cancer. Current Traditional Medicine, 2021, 7, 93-106.	0.1	1
48	Andrographolide Inhibits Proliferation of Colon Cancer SW-480 Cells via Downregulating Notch Signaling Pathway. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 487-497.	0.9	9
49	Is PF-00835231 a Pan-SARS-CoV-2 Mpro Inhibitor? A Comparative Study. Molecules, 2021, 26, 1678.	1.7	18
50	Efficacy of single versus multiple exposure by electromagnetic modalities on gram-negative and positive bacterial strains in an in-vitro model. Saudi Journal of Biological Sciences, 2021, 28, 1678-1686.	1.8	2
51	Identification of New Mycobacterium tuberculosis Proteasome Inhibitors Using a Knowledge-Based Computational Screening Approach. Molecules, 2021, 26, 2326.	1.7	6
52	Use of Natural Compounds as a Potential Therapeutic Agent Against COVID-19. Current Pharmaceutical Design, 2021, 27, 1144-1152.	0.9	13
53	Synergistic Effect of Plant Extracts on Endodontic Pathogens Isolated from Teeth with Root Canal Treatment Failure: An In Vitro Study. Antibiotics, 2021, 10, 552.	1.5	11
54	Screening of drug databank against WT and mutant main protease of SARS-CoV-2: Towards finding potential compound for repurposing against COVID-19. Saudi Journal of Biological Sciences, 2021, 28, 3152-3159.	1.8	19

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55	Radiation and Multiple Slip Effects on Magnetohydrodynamic Bioconvection Flow of Micropolar Based Nanofluid over a Stretching Surface. Applied Sciences (Switzerland), 2021, 11, 5136.	1.3	24
56	5-Fluorouracil (5-FU)-based Aza-Michael addition product: A selective carbonic anhydrase IX inhibitor. Journal of Molecular Structure, 2021, 1231, 129977.	1.8	7
57	Assessment of Antidiabetic Activity of the Shikonin by Allosteric Inhibition of Protein-Tyrosine Phosphatase 1B (PTP1B) Using State of Art: An In Silico and In Vitro Tactics. Molecules, 2021, 26, 3996.	1.7	27
58	The Impact of Body Resistance Training Exercise on Biomedical Profile at High Altitude: A Randomized Controlled Trial. BioMed Research International, 2021, 2021, 1-10.	0.9	5
59	Swertia chirayita suppresses the growth of non-small cell lung cancer A549 cells and concomitantly induces apoptosis via downregulation of JAK1/STAT3 pathway. Saudi Journal of Biological Sciences, 2021, 28, 6279-6288.	1.8	17
60	Efficacy of Dexamethasone for the Treatment of COVID-19 Infection: A Perspective Review. Current Drug Delivery, 2021, 18, 546-554.	0.8	7
61	Identification of 3-((1-(Benzyl(2-hydroxy-2-phenylethyl)amino)-1-oxo-3-phenylpropan-2-yl)carbamoyl)pyrazine-2-carboxylic Acid as a Potential Inhibitor of Non-Nucleosidase Reverse Transcriptase Inhibitors through InSilico Ligand- and Structure-Based Approaches. Molecules. 2021. 26. 5262.	1.7	0
62	Computational Screening of Natural Compounds for Identification of Potential Anti-Cancer Agents Targeting MCM7 Protein. Molecules, 2021, 26, 5878.	1.7	12
63	Regulation of miR-126 and miR-122 Expression and Response of Imatinib Treatment on Its Expression in Chronic Myeloid Leukemia Patients. Oncology Research and Treatment, 2021, 44, 530-537.	0.8	4
64	Inhibitory Effect of Nepeta deflersiana on Climax Bacterial Community Isolated from the Oral Plaque of Patients with Periodontal Disease. Molecules, 2021, 26, 202.	1.7	12
65	Circulating long non-coding RNAs NKILA, NEAT1, MALAT1, and MIAT expression and their association in type 2 diabetes mellitus. BMJ Open Diabetes Research and Care, 2021, 9, e001821.	1.2	32
66	Pharmacophore modeling, docking and the integrated use of a ligand- and structure-based virtual screening approach for novel DNA gyrase inhibitors: synthetic and biological evaluation studies. RSC Advances, 2021, 11, 34462-34478.	1.7	6
67	Assessment of IL-12, mRNA expression, vitamin-D level, and their correlation among the Mycobacterium tuberculosis cases. Saudi Journal of Biological Sciences, 2021, 29, 992-997.	1.8	2
68	A Comparative Antibacterial, Antioxidant, and Antineoplastic Potential of Rauwolfia serpentina (L.) Leaf Extract with Its Biologically Synthesized Gold Nanoparticles (R-AuNPs). Plants, 2021, 10, 2278.	1.6	18
69	In doping effect on the structural, morphological, optical and enhanced antimicrobial activity of facilely synthesized novel CuS nanostructures. Surfaces and Interfaces, 2021, 27, 101536.	1.5	12
70	Investigation of Antidepressant Properties of Yohimbine by Employing Structure-Based Computational Assessments. Current Issues in Molecular Biology, 2021, 43, 1805-1827.	1.0	18
71	Structure Activity Evaluation and Computational analysis identifies potent, novel 3-Benzylidene Chroman-4-one analogues with Anti-fungal, Anti-oxidant and Anti-cancer activities Drug Development and Industrial Pharmacy, 2021, , 1-21.	0.9	2
72	Synergistic antibacterial activity of herbal extracts with antibiotics on bacteria responsible for periodontitis. Journal of Infection in Developing Countries, 2021, 15, 1685-1693.	0.5	8

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73	Application of Entrepreneurial Intention Model in Comparative International Entrepreneurship Research: A Cross-Cultural Study of India and Saudi Arabia. Sustainability, 2021, 13, 13369.	1.6	5
74	Thymoquinone attenuates oxidative stress of kidney mitochondria and exerts nephroprotective effects in oxonic acidâ€induced hyperuricemia rats. BioFactors, 2020, 46, 292-300.	2.6	19
75	Functional and Structural Analysis of Predicted Proteins Obtained from Homo sapiens' Minisatellite 33.15-Tagged Transcript pAKT-45 Variants. BioMed Research International, 2020, 2020, 1-9.	0.9	1
76	<p>Assessment of Cell-Free Long Non-Coding RNA-H19 and miRNA-29a, miRNA-29b Expression and Severity of Diabetes</p> . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 3727-3737.	1.1	17
77	Evaluation of antibacterial properties of Matricaria aurea on clinical isolates of periodontitis patients with special reference to red complex bacteria. Saudi Pharmaceutical Journal, 2020, 28, 1203-1209.	1.2	21
78	Comparative genome analysis of novel coronavirus (SARS-CoV-2) from different geographical locations and the effect of mutations on major target proteins: An in silico insight. PLoS ONE, 2020, 15, e0238344.	1.1	76
79	Expression and Correlation of Cell-Free cIAP-1 and cIAP-2 mRNA in Breast Cancer Patients: A Study from India. Journal of Oncology, 2020, 2020, 1-8.	0.6	4
80	Pharmacophore-based approaches in the rational repurposing technique for FDA approved drugs targeting SARS-CoV-2 M <sup>pro</sup> . RSC Advances, 2020, 10, 40264-40275.	1.7	21
81	Enhance production of fungal cellulase cocktail using cellulosic waste. Environmental Technology and Innovation, 2020, 19, 100949.	3.0	16
82	Pneumocystis Jirovecii detection and comparison of multiple diagnostic methods with quantitative real-time PCR in patients with respiratory symptoms. Saudi Journal of Biological Sciences, 2020, 27, 1423-1427.	1.8	8
83	Indirubin-3-monoxime and thymoquinone exhibit synergistic efficacy as therapeutic combination in in in-vivo models of Lung cancer. Archives of Pharmacal Research, 2020, 43, 655-665.	2.7	17
84	GC-MS analysis of ethanol extract from areal parts of Nepeta deflersiana and its anticancer and antimicrobial efficacies. Biologia (Poland), 2020, 75, 1739-1750.	0.8	9
85	Thymoquinone attenuates IgEâ€mediated allergic response via pi3kâ€Aktâ€NFκB pathway and upregulation of the Nrf2â€HO1 axis. Journal of Food Biochemistry, 2020, 44, e13216.	1.2	7
86	Effects of COVID-19 Lockdown on Health - Two Sides of the Coin. Journal of Evolution of Medical and Dental Sciences, 2020, 9, 3998-4002.	0.1	3
87	Intervening Stemness and Angiogenesis in Cervical Carcinoma: Revisiting the Efficacy of Natural Compounds. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 21, .	0.6	1
88	Anticancer and Chemopreventive Phytochemicals from Cruciferous Plants. , 2020, , 375-385.		0
89	Anti-cancer activity of ethanolic leaf extract of Salvia officinalis against oral squamous carcinoma cells in vitro via caspase mediated mitochondrial apoptosis. Pharmacognosy Magazine, 2020, 16, 554.	0.3	5
90	A Study on Serological Reactivity Profile of Different Antigen Preparations with Bancroftian filariasis Human Infection Sera. Protein and Peptide Letters, 2020, 27, 841-850.	0.4	0

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91	Comparison of Anti-Microbial Effects of Low-Level Laser Irradiation and Microwave Diathermy on Gram-Positive and Gram-Negative Bacteria in an In Vitro Model. Medicina (Lithuania), 2019, 55, 330.	0.8	5
92	Evaluation and Comparison of Antibacterial Efficacy of Herbal Extracts in Combination with Antibiotics on Periodontal pathobionts: An in vitro Microbiological Study. Antibiotics, 2019, 8, 89.	1.5	43
93	Enrichment of Eucalyptus oil nanoemulsion by micellar nanotechnology: transdermal analgesic activity using hot plate test in rats' assay. Scientific Reports, 2019, 9, 13678.	1.6	42
94	Interfering PLD1-PED/PEA15 interaction using self-inhibitory peptides: An in silico study to discover novel therapeutic candidates against type 2 diabetes. Saudi Journal of Biological Sciences, 2019, 26, 160-164.	1.8	4
95	Development of α-tocopherol surface-modified targeted delivery of 5-fluorouracil-loaded poly-D, L-lactic-co-glycolic acid nanoparticles against oral squamous cell carcinoma. Journal of Cancer Research and Therapeutics, 2019, 15, 480-490.	0.3	11
96	Antimicrobial photodynamic therapy (light source; methylene blue; titanium dioxide): Bactericidal effects analysis on oral plaque bacteria: An in vitro study. Nigerian Journal of Clinical Practice, 2019, 22, 1654.	0.2	8
97	Anticancer Potential of Andrographolide, a Diterpenoid Lactone from Andrographis paniculata: A Nature's Treasure for Chemoprevention and Therapeutics. , 2018, , 143-163.		4
98	Virtual screening of natural anti-filarial compounds against glutathione-S-transferase of Brugia malayi and Wuchereria bancrofti. Cellular and Molecular Biology, 2018, 64, 69.	0.3	4
99	Incidence of clinical isolates and its antimicrobial resistance pattern among the nasal and hand swabs of operation theatre staff in tertiary and secondary care hospitals. Biomedical Research (Aligarh,) Tj ETQq1 1 C	).784 <b>@11</b> 4 rgl	3T /Dverlock
100	Status of lymphatic filariasis with progression of age and gender & eradication strategies: A survey among residents of Hardoi district of Uttar Pradesh, an endemic region of North India. Cellular and Molecular Biology, 2018, 64, 46.	0.3	2
101	Molecular and phenotypic characterization of the vancomycin-resistant gene in bacterial isolates acquired from catheter tips. Cellular and Molecular Biology, 2017, 63, 63.	0.3	3
102	Effect of vitamin A and zinc on circulating profile of IL-2, IL-12, and IFNÎ <sup>3</sup> cytokines in pulmonary tuberculosis patients. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2016, 6, 63.	0.6	5
103	Theoretical study on photophysical properties of multifunctional star-shaped molecules with 1,8-naphthalimide core for organic light-emitting diode and organic solar cell application. Theoretical Chemistry Accounts, 2015, 134, 1.	0.5	15
104	Hospital Acquired Infections Among Patients Admitted in the Medical and Surgical Wards of a Non-Teaching Secondary Care Hospital in Northern India. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, 81-3.	0.8	10
105	Serum zinc levels and its association with vitamin A levels among tuberculosis patients. Journal of Natural Science, Biology and Medicine, 2014, 5, 130.	1.0	12
106	A Study of Unnatural Female Death Profile in Lucknow, India. American Journal of Forensic Medicine and Pathology, 2013, 34, 352-356.	0.4	12
107	Profile of Unnatural Deaths- A Study of Autopsies at Mortuary of King George's Medical University, Lucknow, India. Medico-Legal Update, 2013, 13, 113.	0.9	3
108	A Study of Mortality among Children by Poisoning in North India. Indian Journal of Forensic Medicine and Toxicology (discontinued), 2013, 7, 104.	0.2	0

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109	Implementation of Quality Control. , 0, , .		0
110	Biofuel production using fast pyrolysis of various plant waste biomasses in fixed bed and <scp>twinâ€screw</scp> reactors. International Journal of Energy Research, 0, , .	2.2	3