

# Mitesh Patel

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,333  
citations

304602

22  
h-index

377752

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovations in nanoscience for the sustainable development of food and agriculture with implications on health and environment. <i>Science of the Total Environment</i> , 2021, 768, 144990.	3.9	106
2	Cordycepin for Health and Wellbeing: A Potent Bioactive Metabolite of an Entomopathogenic Medicinal Fungus Cordyceps with Its Nutraceutical and Therapeutic Potential. <i>Molecules</i> , 2020, 25, 2735.	1.7	96
3	Effect of <i>Adiantum philippense</i> Extract on Biofilm Formation, Adhesion With Its Antibacterial Activities Against Foodborne Pathogens, and Characterization of Bioactive Metabolites: An in vitro-in silico Approach. <i>Frontiers in Microbiology</i> , 2020, 11, 823.	1.5	71
4	llichaquinone (marine sponge metabolite) as a novel inhibitor of SARS-CoV-2 key target proteins in comparison with suggested COVID-19 drugs: designing, docking and molecular dynamics simulation study. <i>RSC Advances</i> , 2020, 10, 37707-37720.	1.7	57
5	Significance and potential of marine microbial natural bioactive compounds against biofilms/biofouling: necessity for green chemistry. <i>PeerJ</i> , 2018, 6, e5049.	0.9	54
6	<i>Thymus musilii</i> Velen. as a promising source of potent bioactive compounds with its pharmacological properties: In vitro and in silico analysis. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6782-6801.	2.3	54
7	Fish-Based Bioactives as Potent Nutraceuticals: Exploring the Therapeutic Perspective of Sustainable Food from the Sea. <i>Marine Drugs</i> , 2020, 18, 265.	2.2	54
8	Plants-Derived Biomolecules as Potent Antiviral Phytomedicines: New Insights on Ethnobotanical Evidences against Coronaviruses. <i>Plants</i> , 2020, 9, 1244.	1.6	53
9	Physiological and Molecular Characterization of Biosurfactant Producing Endophytic Fungi <i>Xylaria regalis</i> from the Cones of <i>Thuja plicata</i> as a Potent Plant Growth Promoter with Its Potential Application. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	52
10	Functional and health promoting inherent attributes of <i>Enterococcus hirae</i> F2 as a novel probiotic isolated from the digestive tract of the freshwater fish <i>Catla catla</i> . <i>PeerJ</i> , 2017, 5, e3085.	0.9	52
11	Improving bioremediation process of petroleum wastewater using biosurfactants producing <i>Stenotrophomonas</i> sp. S1VKR-26 and assessment of phytotoxicity. <i>Bioresource Technology</i> , 2020, 315, 123861.	4.8	49
12	Inhibition of Bacterial Adhesion and Antibiofilm Activities of a Glycolipid Biosurfactant from <i>Lactobacillus rhamnosus</i> with Its Physicochemical and Functional Properties. <i>Antibiotics</i> , 2021, 10, 1546.	1.5	46
13	Evaluation of Anticancer, Antibacterial and Antioxidant Properties of a Medicinally Treasured Fern <i>Tectaria coadunata</i> with its Phytoconstituents Analysis by HR-LCMS. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1845-1856.	0.9	38
14	HR-LCMS-Based Metabolite Profiling, Antioxidant, and Anticancer Properties of <i>Teucrium polium</i> L. Methanolic Extract: Computational and In Vitro Study. <i>Antioxidants</i> , 2020, 9, 1089.	2.2	36
15	Formulation, evaluation and bioactive potential of <i>Xylaria primorskensis</i> terpenoid nanoparticles from its major compound xylaranic acid. <i>Scientific Reports</i> , 2018, 8, 1740.	1.6	34
16	Profiling and Role of Bioactive Molecules from <i>Puntius sophore</i> (Freshwater/Brackish Fish) Skin Mucus with Its Potent Antibacterial, Antiadhesion, and Antibiofilm Activities. <i>Biomolecules</i> , 2020, 10, 920.	1.8	34
17	Potential Evaluation and Health Fostering Intrinsic Traits of Novel Probiotic Strain <i>Enterococcus durans</i> F3 Isolated from the Gut of Fresh Water Fish <i>Catla catla</i> . <i>Food Science of Animal Resources</i> , 2019, 39, 844-861.	1.7	33
18	Design and formulation of polymeric nanosponge tablets with enhanced solubility for combination therapy. <i>RSC Advances</i> , 2020, 10, 34869-34884.	1.7	30

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19	Current status and strategic possibilities on potential use of combinational drug therapy against COVID-19 caused by SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6828-6841.	2.0	30
20	Immune responses in liver and spleen against <i>Plasmodium yoelii</i> pre-erythrocytic stages in Swiss mice model. <i>Journal of Advanced Research</i> , 2020, 24, 29-41.	4.4	29
21	Phytochemical Screening, Antibacterial, Antifungal, Antiviral, Cytotoxic, and Anti-Quorum-Sensing Properties of <i>Teucrium polium</i> L. Aerial Parts Methanolic Extract. <i>Plants</i> , 2020, 9, 1418.	1.6	28
22	Phytochemical and In Silico ADME/Tox Analysis of <i>Eruca sativa</i> Extract with Antioxidant, Antibacterial and Anticancer Potential against Caco-2 and HCT-116 Colorectal Carcinoma Cell Lines. <i>Molecules</i> , 2022, 27, 1409.	1.7	27
23	Serine arginine protein kinase 1 (SRPK1): a moonlighting protein with theranostic ability in cancer prevention. <i>Molecular Biology Reports</i> , 2019, 46, 1487-1497.	1.0	25
24	Phytochemistry, Bioactivities, Pharmacokinetics and Toxicity Prediction of <i>Selaginella repanda</i> with Its Anticancer Potential against Human Lung, Breast and Colorectal Carcinoma Cell Lines. <i>Molecules</i> , 2021, 26, 768.	1.7	24
25	In pursuit of cancer metastasis therapy by bacteria and its biofilms: History or future. <i>Medical Hypotheses</i> , 2017, 100, 78-81.	0.8	22
26	Functional and Structural Characterization of <i>Pediococcus pentosaceus</i> -Derived Biosurfactant and Its Biomedical Potential against Bacterial Adhesion, Quorum Sensing, and Biofilm Formation. <i>Antibiotics</i> , 2021, 10, 1371.	1.5	21
27	Emetine, a potent alkaloid for the treatment of SARS-CoV-2 targeting papain-like protease and non-structural proteins: pharmacokinetics, molecular docking and dynamic studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10122-10135.	2.0	16
28	Anti-Metastatic Effects of Lupeol via the Inhibition of MAPK/ERK Pathway in Lung Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 201-206.	0.9	15
29	Anti-Adhesion and Antibiofilm Activity of <i>Eruca sativa</i> Miller Extract Targeting Cell Adhesion Proteins of Food-Borne Bacteria as a Potential Mechanism: Combined In Vitro-In Silico Approach. <i>Plants</i> , 2022, 11, 610.	1.6	15
30	Deciphering the Molecular Mechanism Responsible for Efficiently Inhibiting Metastasis of Human Non-Small Cell Lung and Colorectal Cancer Cells Targeting the Matrix Metalloproteinases by <i>Selaginella repanda</i> . <i>Plants</i> , 2021, 10, 979.	1.6	14
31	<i>Lactiplantibacillus plantarum</i> -Derived Biosurfactant Attenuates Quorum Sensing-Mediated Virulence and Biofilm Formation in <i>Pseudomonas aeruginosa</i> and <i>Chromobacterium violaceum</i> . <i>Microorganisms</i> , 2022, 10, 1026.	1.6	13
32	Evidence-Based Medicinal Potential and Possible Role of <i>Selaginella</i> in the Prevention of Modern Chronic Diseases: Ethnopharmacological and Ethnobotanical Perspective. <i>Records of Natural Products</i> , 2021, 15, 330-355.	1.3	12
33	Neurological disorder and psychosocial aspects of cerebral malaria: what is new on its pathogenesis and complications? A minireview.. <i>Folia Parasitologica</i> , 2020, 67, .	0.7	12
34	Cadmium-Tolerant Plant Growth-Promoting Bacteria <i>Curtobacterium oceanosedimentum</i> Improves Growth Attributes and Strengthens Antioxidant System in Chili ( <i>Capsicum frutescens</i> ). <i>Sustainability</i> , 2022, 14, 4335.	1.6	12
35	Cytotoxic Activity, Cell Cycle Inhibition, and Apoptosis-Inducing Potential of <i>Athyrium hohenackerianum</i> (Lady Fern) with Its Phytochemical Profiling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	0.5	12
36	Discovery of the World's Smallest Terrestrial Pteridophyte. <i>Scientific Reports</i> , 2018, 8, 5911.	1.6	11

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37	<i>Crinum reddyi</i> sp. nov. (Amaryllidaceae) from Gujarat, India. Nordic Journal of Botany, 2019, 37, .	0.2	9
38	&lt;p&gt;Modulation of Drug Release from Natural Polymer Matrices by Response Surface Methodology: in vitro and in vivo Evaluation&lt;/p&gt;. Drug Design, Development and Therapy, 2020, Volume 14, 5325-5336.	2.0	7
39	Biosynthesized Silver Nanoparticles from <i>Eruca sativa</i> Miller Leaf Extract Exhibits Antibacterial, Antioxidant, Anti-Quorum-Sensing, Antibiofilm, and Anti-Metastatic Activities. Antibiotics, 2022, 11, 853.	1.5	7
40	Phytochemical Analysis, Antioxidant, Antimicrobial, and Anti-Swarming Properties of <i>Hibiscus sabdariffa</i> L. Calyx Extracts: In Vitro and In Silico Modelling Approaches. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	5
41	<i>Agrobacterium</i> . Reviews in Medical Microbiology, 2013, 24, 94-97.	0.4	4
42	Revealing a new species of <i>Ophioglossum</i> ( <i>Ophioglossaceae</i> -Pteridophyta) from India with palynological and phylogenetic implications. Botany Letters, 2019, 166, 425-433.	0.7	4
43	Comparative phylogenetics of some species of <i>Ophioglossum</i> L. ( <i>Ophioglossaceae</i> : Pteridophyta) in India with comments on evolutionary significance of high palaeoploidy and rare morphological traits. Nucleus (India), 2020, 63, 47-58.	0.9	2
44	&lt;p&gt;&lt;strong&gt;&lt;em&gt;Ophioglossum chaloneri&lt;/em&gt;&lt;/strong&gt;&lt;strong&gt;: A new species of &lt;em&gt;Ophioglossum &lt;/em&gt;(Ophioglossaceae: Pteridophyta) from India&lt;/strong&gt;&lt;/p&gt;. Phytotaxa, 2020, 468, 101-111.	0.1	2
45	Fungi and metal nanoparticles. , 2021, , 861-890.		1
46	Star Grass Lily <i>Iphigenia stellata</i> Blatter (Colchicaceae) â€“ a new addition to the flora of Gujarat, India. Journal of Threatened Taxa, 2021, 13, 17604-17606.	0.1	0