

# Manobjyoti Bordoloi

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

969  
citations

567281

15  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Docking: Challenges, Advances and its Use in Drug Discovery Perspective. <i>Current Drug Targets</i> , 2019, 20, 501-521.	2.1	246
2	Antimalarial silver and gold nanoparticles: Green synthesis, characterization and in vitro study. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 567-580.	5.6	78
3	Electrochemical detection of monosodium glutamate in foodstuffs based on Au@MoS <sub>2</sub> /chitosan modified glassy carbon electrode. <i>Food Chemistry</i> , 2019, 276, 350-357.	8.2	68
4	Bio-derived ZnO nanoflower: a highly efficient catalyst for the synthesis of chalcone derivatives. <i>RSC Advances</i> , 2015, 5, 8604-8608.	3.6	44
5	Isolation and Structure Elucidation of a New Antifungal and Antibacterial Antibiotic Produced by <i>Streptomyces</i> sp. 201. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1856-1858.	1.3	42
6	Au/NiFe <sub>2</sub> O <sub>4</sub> nanoparticle-decorated graphene oxide nanosheets for electrochemical immunosensing of amyloid beta peptide. <i>Nanoscale Advances</i> , 2020, 2, 239-248.	4.6	39
7	Biosynthesis of Ag nanoparticles using pedicellamide and its photocatalytic activity: An eco-friendly approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 687-691.	3.9	38
8	Biosynthesis of Au nanoparticles by <i>Gymnocladus assamicus</i> and its catalytic activity. <i>Materials Letters</i> , 2013, 108, 276-279.	2.6	35
9	Studies on some edible herbs: Antioxidant activity, phenolic content, mineral content and antifungal properties. <i>Journal of Functional Foods</i> , 2016, 23, 220-229.	3.4	34
10	Photocatalytic activity of Ag nanoparticles synthesized by using <i>Piper pedicellatum</i> C.DC fruits. <i>Materials Letters</i> , 2013, 102-103, 1-4.	2.6	32
11	Biocatalytic green alternative to existing hazardous reaction media: synthesis of chalcone and flavone derivatives via the Claisen-Schmidt reaction at room temperature. <i>New Journal of Chemistry</i> , 2020, 44, 20956-20965.	2.8	22
12	A long chain alkylated $\epsilon$ -methylene- $\gamma$ -butyrolactone from <i>Artabotrys odoratissimus</i> fruit. <i>Phytochemistry Letters</i> , 2009, 2, 22-24.	1.2	21
13	A Greener and Facile Synthesis of Imidazole and Dihydropyrimidine Derivatives under Solvent-Free Condition Using Nature-Derived Catalyst. <i>ChemistrySelect</i> , 2017, 2, 7787-7791.	1.5	21
14	Isolation, characterization and antifungal activity of very long chain alkane derivatives from <i>Cinnamomum obtusifolium</i> , <i>Elaeocarpus lanceifolius</i> and <i>Baccaurea sapida</i> . <i>Journal of Molecular Structure</i> , 2017, 1142, 200-210.	3.6	20
15	Marine steroids as potential anticancer drug candidates: In silico investigation in search of inhibitors of Bcl-2 and CDK-4/Cyclin D1. <i>Steroids</i> , 2015, 102, 7-16.	1.8	17
16	Established and In-trial GPCR Families in Clinical Trials: A Review for Target Selection. <i>Current Drug Targets</i> , 2019, 20, 522-539.	2.1	17
17	Ratiometric fluorescence response of a dual light emitting reduced carbon dot/graphene quantum dot nanohybrid towards As(III). <i>Journal of Materials Chemistry C</i> , 2019, 7, 10309-10317.	5.5	15
18	K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> /DMSO: An Improved Microwave-Assisted Selective Oxidation of Alkenes into 1,2-Diketones. <i>ChemistrySelect</i> , 2018, 3, 7513-7517.	1.5	13

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19	Volatile Inhibitors of Phosphatidylinositol-3-Kinase (PI3K) Pathway: Anticancer Potential of Aroma Compounds of Plant Essential Oils. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 87-109.	1.7	13
20	Plant Extracts Promoted Preparation of Silver and Gold Nanoparticles: A Systematic Review. <i>Nano</i> , 2020, 15, 2030001.	1.0	13
21	Anti-genotoxic hydrazide from <i>Crinum defixum</i> . <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2754-2757.	5.5	12
22	Chemical characterization, antimicrobial activity, and cytotoxic activity of <i>Mikania micrantha</i> Kunth flower essential oil from North East India. <i>Chemical Papers</i> , 2020, 74, 2515-2528.	2.2	12
23	Sapidolide A: An unprecedented spherical carbocyclic lactone from <i>Baccaurea sapida</i> seed kernels: Is it a meroisoprenoid?. <i>Tetrahedron Letters</i> , 1996, 37, 6791-6792.	1.4	11
24	Phytochemical constituents from <i>Xanthium strumarium</i> L. and evaluation of their in vitro antimalarial activities. <i>South African Journal of Botany</i> , 2020, 135, 35-40.	2.5	11
25	Effect of CTAB in biosynthesis of Au-nanoparticles using <i>Gymnocladus assamicus</i> and its biological evaluation. <i>Materials Letters</i> , 2013, 113, 103-106.	2.6	10
26	Exploiting silver trifluoromethanesulfonate as efficient and reusable catalyst for the synthesis of dihydropyrimidine derivatives under different reaction environments. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3313-3323.	2.6	10
27	<i>Clerodendrum viscosum</i> Vent leaf extract supported nanosilver particles: Characterization, antiplasmodial and anticancer activity. <i>Chemical Physics Letters</i> , 2020, 738, 136893.	2.6	9
28	Recyclable Itaconic Acid with Water as Green Catalytic System: Synthesis of Substituted 1,5-Benzodiazepine Derivatives at Room Temperature. <i>ChemistrySelect</i> , 2020, 5, 1353-1358.	1.5	8
29	In water organic synthesis: Introducing itaconic acid as a recyclable acidic promoter for efficient and scalable synthesis of quinoxaline derivatives at room temperature. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 983-1002.	2.6	7
30	Antiviral compound screening, peptide designing, and protein network construction of influenza A virus (strain A/Puerto Rico/8/1934 H1N1). <i>Drug Development Research</i> , 2019, 80, 106-124.	2.9	6
31	Antioxidant properties, phenolic and mineral profiling, assessment of angiotensin I converting enzyme (ACE) inhibitory potential of <i>Elsholtzia communis</i> (Collett & Hemsl.) Diels from North East India. <i>European Journal of Integrative Medicine</i> , 2020, 40, 101247.	1.7	6
32	Anticancer and antimicrobial compounds from <i>Croton caudatus</i> Gieseler and <i>Eurya acuminata</i> DC: Two edible plants used in the traditional medicine of the Kuki tribes. <i>Natural Product Research</i> , 2021, 35, 6025-6029.	1.8	6
33	Isolation and characterization of chemical constituents with in vitro anti-hypertensive and anthelmintic activities of <i>Cinnamomum bejolghota</i> (Buch.-Ham.) sweet leaves: An ethno medicinal plant of North East India. <i>South African Journal of Botany</i> , 2021, 140, 161-166.	2.5	5
34	Essential oil from the leaves of <i>Elsholtzia communis</i> (Collett & Hemsl.) Diels from North East India: Studies on chemical profiling, antimicrobial, cytotoxic and ACE inhibitory activities. <i>Flavour and Fragrance Journal</i> , 2021, 36, 626-636.	2.6	5
35	Antifungal and antioxidant pyrrole derivative from <i>Piper pedicellatum</i> . <i>Natural Product Communications</i> , 2013, 8, 1451-4.	0.5	5
36	Antioxidant Activity of Flower Buds of <i>Musa</i> spp. Sold and Consumed as Vegetables. <i>International Journal of Vegetable Science</i> , 2016, 22, 564-569.	1.3	4

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37	Antiplasmodial Activity of <i>Gnetum gnemon</i> Leaves and Compounds Isolated from them. Natural Product Communications, 2018, 13, 1934578X1801301.	0.5	4
38	Chemical composition and antibacterial activity of essential oil from fruit of <i>Micromelum integerrimum</i> (Buch.-Ham. ex DC.) Wight & Arn. ex M. Roem. Natural Product Research, 2019, 33, 3573-3576.	1.8	4
39	Biosynthesis of Au and Ag-Au Bimetallic Nanoparticles by Pedicellamide for Catalytic Reduction of 4-Nitrophenol. Journal of Bionanoscience, 2015, 9, 460-464.	0.4	3
40	Bio-Derived Size/Shape Controllable Gold Nanoparticles and Its Antimicrobial Activity. Journal of Bionanoscience, 2015, 9, 296-300.	0.4	2
41	Chemical composition, antimicrobial activity and cytotoxicity of <i>Murraya paniculata</i> (L.) Jack leaf essential oil from Assam, India: the effect of oil on cellular morphology of micro-organisms. Archives of Microbiology, 2022, 204, 99.	2.2	1
42	Metal free synthesis of 1,3-diynes through Csp-Csp homo- and hetero-coupling reaction of terminal alkynes. Sustainable Chemistry and Pharmacy, 2022, 28, 100734.	3.3	0