Rabindra N Padhy

List of Publications by Year in descending order

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		236925	377865
119	1,923	25	34
papers	citations	h-index	g-index
123	123	123	1820
all docs	docs citations	times ranked	citing authors

Ρλεινήσα Ν Ρλήμν

#	Article	IF	CITATIONS
1	Antibacterial, antifungal and antimycobacterial compounds from cyanobacteria. Biomedicine and Pharmacotherapy, 2017, 90, 760-776.	5.6	108
2	Coumarin derivatives as promising antibacterial agent(s). Arabian Journal of Chemistry, 2021, 14, 102922.	4.9	70
3	In vitro antibacterial activity of crude extracts of 9 selected medicinal plants against UTI causing MDR bacteria. Journal of King Saud University - Science, 2017, 29, 84-95.	3.5	52
4	Polarized piezoelectric bioceramic composites exhibit antibacterial activity. Materials Chemistry and Physics, 2020, 239, 122002.	4.0	52
5	Growth, yield and elemental status of rice (Oryza sativa) grown in fly ash amended soils. Ecotoxicology, 2007, 16, 271-278.	2.4	47
6	Restriction analysis and quantitative estimation of methylated bases of filamentous and unicellular cyanobacterial DNAs. Journal of Bacteriology, 1988, 170, 1934-1939.	2.2	45
7	In vitro antibacterial potency of Butea monosperma Lam. against 12 clinically isolated multidrug resistant bacteria. Asian Pacific Journal of Tropical Disease, 2013, 3, 217-226.	0.5	45
8	Molecular docking and simulation study for synthesis of alternative dapsone derivative as a newer antileprosy drug in multidrug therapy. Journal of Cellular Biochemistry, 2018, 119, 9838-9852.	2.6	40
9	Surveillance of multidrug resistant uropathogenic bacteria in hospitalized patients in Indian. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 315-324.	1.2	39
10	Biogenic silver nanoparticle synthesis with cyanobacterium Chroococcus minutus isolated from Baliharachandi sea-mouth, Odisha, and in vitro antibacterial activity. Saudi Journal of Biological Sciences, 2020, 27, 1580-1586.	3.8	38
11	Molecular dynamics and computational study of Mannich-based coumarin derivatives: potent tyrosine kinase inhibitor. Journal of Biomolecular Structure and Dynamics, 2020, 38, 5419-5428.	3.5	36
12	Cyanobacteria and pesticides. , 1985, , 1-44.		34
13	Surveillance of infection status of drug resistant Staphylococcus aureus in an Indian teaching hospital. Asian Pacific Journal of Tropical Disease, 2013, 3, 133-142.	0.5	34
14	Computer-aided synthesis of dapsone-phytochemical conjugates against dapsone-resistant Mycobacterium leprae. Scientific Reports, 2020, 10, 6839.	3.3	34
15	Multidrug resistance of Pseudomonas aeruginosa as known from surveillance of nosocomial and community infections in an Indian teaching hospital. Zeitschrift Fur Gesundheitswissenschaften, 2012, 20, 413-423.	1.6	33
16	Bio-synthesis of silver nanoparticles with the brackish water blue-green alga Oscillatoria princeps and antibacterial assessment. Applied Nanoscience (Switzerland), 2021, 11, 389-398.	3.1	33
17	Antibacterial activity of Lantana camara L. against multidrug resistant pathogens from ICU patients of a teaching hospital. Journal of Herbal Medicine, 2013, 3, 65-75.	2.0	31
18	Anticancer compounds from cyanobacterium Lyngbya species: a review. Antonie Van Leeuwenhoek, 2015, 108, 223-265.	1.7	31

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19	Growth, Metabolism and Yield of Rice Cultivated in Soils Amended with Fly Ash and Cyanobacteria and Metal Loads in Plant Parts. Rice Science, 2016, 23, 22-32.	3.9	30
20	Antibacterial activity, computational analysis and host toxicity study of thymol-sulfonamide conjugates. Biomedicine and Pharmacotherapy, 2017, 88, 181-193.	5.6	30
21	Monitoring in vitro antibacterial efficacy of 26 Indian spices against multidrug resistant urinary tract infecting bacteria. Integrative Medicine Research, 2014, 3, 133-141.	1.8	29
22	InÂVitro Antibacterial Efficacy of 21 Indian Timber-Yielding Plants Against Multidrug-Resistant Bacteria Causing Urinary Tract Infection. Osong Public Health and Research Perspectives, 2013, 4, 347-357.	1.9	28
23	Development of antibacterial conjugates using sulfamethoxazole with monocyclic terpenes: A systematic medicinal chemistry based computational approach. Computer Methods and Programs in Biomedicine, 2017, 140, 185-194.	4.7	28
24	Norharmane as a potential chemical entity for development of anticancer drugs. European Journal of Medicinal Chemistry, 2019, 162, 752-764.	5.5	28
25	Electrically stimulated hydroxyapatite–barium titanate composites demonstrate immunocompatibility in vitro. Journal of the Korean Ceramic Society, 2020, 57, 495-502.	2.3	27
26	Traditional Herbal Practices by the Ethnic People of Kalahandi District of Odisha, India. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S988-S994.	1.2	26
27	Prevalence of multidrug resistant uropathogenic bacteria in pediatric patients of a tertiary care hospital in eastern India. Journal of Infection and Public Health, 2016, 9, 308-314.	4.1	26
28	Antimicrobial activity of medicinal plants used by aborigines of Kalahandi, Orissa, India against multidrug resistant bacteria. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S846-S854.	1.2	25
29	Surveillance of ESBL producing multidrug resistant Escherichia coli in a teaching hospital in India. Asian Pacific Journal of Tropical Disease, 2014, 4, 140-149.	0.5	24
30	Molecules with versatile biological activities bearing antipyrinyl nucleus as pharmacophore. European Journal of Medicinal Chemistry, 2020, 186, 111911.	5.5	24
31	Antibacterial activity of green silver nanoparticles synthesized from Anogeissus acuminata against multidrug resistant urinary tract infecting bacteria in vitro and host-toxicity testing. Journal of Applied Biomedicine, 2018, 16, 120-125.	1.7	23
32	Biomedical Applications of Biosynthesized Gold Nanoparticles from Cyanobacteria: an Overview. Biological Trace Element Research, 2022, 200, 5307-5327.	3.5	22
33	Synthesis of novel thymol derivatives against MRSA and ESBL producing pathogenic bacteria. Natural Product Research, 2019, 33, 3181-3189.	1.8	21
34	Antibacterial activity of Argemone mexicana L. against multidrug resistant Pseudomonas aeruginosa, isolated from clinical samples. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S800-S807.	1.2	20
35	Surveillance of multidrug resistance of two Gram-positive pathogenic bacteria in a teaching hospital and in vitro efficacy of 30 ethnomedicinal plants used by an aborigine of India. Asian Pacific Journal of Tropical Disease, 2012, 2, 273-281.	0.5	20
36	Antibacterial efficacy of five medicinal plants against multidrug-resistant enteropathogenic bacteria infecting under-5 hospitalized children. Journal of Integrative Medicine, 2015, 13, 45-57.	3.1	20

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37	Isoniazid–phytochemical conjugation: A new approach for potent and less toxic antiâ€TB drug development. Chemical Biology and Drug Design, 2020, 96, 714-730.	3.2	20
38	Effect of age and abstinence on semen quality: A retrospective study in a teaching hospital. Asian Pacific Journal of Reproduction, 2014, 3, 134-141.	0.4	19
39	Isolation, biosynthesis and antimicrobial activity of gold nanoparticles produced with extracts of Anabaena spiroides. Bioprocess and Biosystems Engineering, 2021, 44, 1617-1626.	3.4	19
40	Which value should be used as the lethal concentration 50 (LC50) with bacteria?. Interdisciplinary Sciences, Computational Life Sciences, 2011, 3, 138-143.	3.6	18
41	Status of multidrug resistance in tubercle bacillus and phytochemicals for the control. Zeitschrift Fur Gesundheitswissenschaften, 2013, 21, 115-119.	1.6	18
42	A report on infection dynamics of inducible clindamycin resistance of Staphylococcus aureus isolated from a teaching hospital in India. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 148-153.	1.2	18
43	InÂVitro Antibacterial Activity, Gas Chromatography–Mass Spectrometry Analysis of Woodfordia fruticosa Kurz. Leaf Extract and Host Toxicity Testing With InÂVitro Cultured Lymphocytes From Human Umbilical Cord Blood. Osong Public Health and Research Perspectives, 2014, 5, 298-312.	1.9	18
44	Design, one-pot synthesis, molecular docking study, and antibacterial evaluation of novel 2H-chromene based imidazo[1,2-a]pyridine derivatives as potent peptide deformylase inhibitors. Journal of Molecular Structure, 2021, 1246, 131183.	3.6	18
45	Surveillance of multidrug resistance of 6 uropathogens in a teaching hospital and in vitro control by 25 ethnomedicinal plants used by an aborigine of India. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S818-S829.	1.2	17
46	InÂvitro combinational efficacy of ceftriaxone and leaf extract of Combretum albidum G. Don against multidrug-resistant Pseudomonas aeruginosa and host-toxicity testing with lymphocytes from human cord blood. Journal of Acute Medicine, 2014, 4, 26-37.	0.2	17
47	Episodes of the epidemiological factors correlated with prevailing viral infections with dengue virus and molecular characterization of serotype-specific dengue virus circulation in eastern India. Infection, Genetics and Evolution, 2018, 58, 40-49.	2.3	17
48	Monitoring inÂvitro antibacterial efficacy of Terminalia alata Heyne ex.ÂRoth, against MDR enteropathogenic bacteria isolated from clinical samples. Journal of Acute Medicine, 2013, 3, 93-102.	0.2	16
49	Prevalence of abnormal spermatozoa in tobacco chewing sub-fertile males. Journal of Human Reproductive Sciences, 2014, 7, 136.	0.9	16
50	Phytochemical conjugation as a potential semisynthetic approach toward reactive and reuse of obsolete sulfonamides against pathogenic bacteria. Drug Development Research, 2021, 82, 149-166.	2.9	16
51	Growth, yield and elements content of wheat (Triticum aestivum) grown in composted municipal solid wastes amended soil. Environment, Development and Sustainability, 2009, 11, 115-126.	5.0	15
52	Prevalence of dengue viral and malaria parasitic co-infections in an epidemic district, Angul of Odisha, India: An eco-epidemiological and cross-sectional study for the prospective aspects of public health. Journal of Infection and Public Health, 2016, 9, 421-428.	4.1	15
53	Nornostocine congeners as potential anticancer drugs: An overview. Drug Development Research, 2019, 80, 878-892.	2.9	15
54	Toxicity of parathion-methyl to cells, akinetes and heterocysts of the cyanobacterium Cylindrospermum, sp. and the probit analysis of toxicity. Annals of Applied Biology, 2003, 143, 195-202.	2.5	14

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55	Antibacterial activity of the terrestrial fern Lygodium flexuosum (L.) Sw. against multidrug resistant enteric- and uro-pathogenic bacteria. Journal of Acute Disease, 2013, 2, 270-276.	0.3	14
56	In silico attempt for adduct agent(s) against malaria: Combination of chloroquine with alkaloids of Adhatoda vasica. Computer Methods and Programs in Biomedicine, 2015, 122, 16-25.	4.7	14
57	Evaluation of geno-toxicity of methyl parathion and chlorpyrifos to human liver carcinoma cell line (HepC2). Environmental Science and Pollution Research, 2016, 23, 8492-8499.	5.3	14
58	Role of hormone receptors and HER2 as prospective molecular markers for breast cancer: An update. Genes and Diseases, 2022, 9, 648-658.	3.4	14
59	Agriculture and environment: Cyanobacteria employed as fertilizers and waste disposers. Nature, 1985, 317, 475-476.	27.8	13
60	Surveillance of multidrug resistance of 10 enteropathogens in a teaching hospital and in vitro efficacy of 25 ethnomedicinal plants used by an Indian aborigine. Asian Pacific Journal of Tropical Disease, 2012, 2, S336-S346.	0.5	13
61	InÂvitro antibacterial efficacy of plants used by an Indian aboriginal tribe against pathogenic bacteria isolated from clinical samples. Journal of Taibah University Medical Sciences, 2015, 10, 379-390.	0.9	13
62	Surveillance of bacteria Pseudomonas aeruginosa and MRSA associated with chronic suppurative otitis media. Brazilian Journal of Otorhinolaryngology, 2017, 83, 201-206.	1.0	13
63	Design, molecular docking, and antimicrobial assessment of newly synthesized phytochemical thymol Mannich base derivatives. Journal of Molecular Structure, 2021, 1244, 130908.	3.6	13
64	Ethnoveterinary practices of aborigine tribes in Odisha, India. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1520-S1525.	1.2	12
65	Evaluation of Antibacterial and Antioxidant Efficacy of the Fern Azolla caroliniana Symbiotic with the Cyanobacterium Anabaena azollae. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 555-569.	1.0	11
66	Prevalence of two multidrug-resistant Klebsiella species in an Indian teaching hospital and adjoining community. Journal of Infection and Public Health, 2014, 7, 496-507.	4.1	10
67	Synthesis of (<scp>4<i>S</i></scp>)â€ <scp>4â€<i>C</i></scp> â€spiroâ€glycosylâ€chromenoâ€[3,4â€d][1,2,3] Biological evaluation and molecular docking investigation. Journal of Heterocyclic Chemistry, 2021, 58, 111-126.	triazoles: 2.6	10
68	The recent development of thymol derivative as a promising pharmacological scaffold. Drug Development Research, 2021, 82, 1079-1095.	2.9	10
69	Antagonism at combined effects of chemical fertilizers and carbamate insecticides on the rice-field N2-fixing cyanobacterium Cylindrospermum sp. in vitro. Interdisciplinary Toxicology, 2014, 7, 5-11.	1.0	9
70	Prevalence of fluoroquinolone resistance in Escherichia coli in an Indian teaching hospital and adjoining communities. Journal of Taibah University Medical Sciences, 2015, 10, 504-508.	0.9	9
71	Bayesian analysis of two diagnostic methods for paediatric ringworm infections in a teaching hospital. Journal De Mycologie Medicale, 2015, 25, 191-199.	1.5	9
72	Comparative study on toxicity of methylmercury chloride and methylmercury hydroxide to the human neuroblastoma cell line SH-SY5Y. Environmental Science and Pollution Research, 2018, 25, 20606-20614.	5.3	9

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73	Design, molecular docking and antimicrobial assessment of newly synthesized p-cuminal-sulfonamide Schiff base derivatives. Journal of Molecular Structure, 2022, 1250, 131824.	3.6	9
74	Detection of metallo β-lactamase producing Klebsiella pneumoniae in a neonatal septicemia. Journal of Acute Disease, 2013, 2, 82-84.	0.3	8
75	Probit Analysis of Carbamate-Pesticide-Toxicity at Soil-Water Interface to N2-Fixing Cyanobacterium Cylindrospermum sp. Rice Science, 2015, 22, 89-98.	3.9	8
76	Bayesian evaluation of two conventional diagnostic methods for pathogenic fungal infections. Journal of Acute Medicine, 2014, 4, 109-119.	0.2	7
77	Prevalence of rotaviral diarrhoea in under-five hospitalized children in a tertiary care hospital of Eastern India. The Gazette of the Egyptian Paediatric Association, 2015, 63, 46-51.	0.4	7
78	Cellular and Nuclear Toxicity of HgCl2 to In Vitro Grown Lymphocytes from Human Umbilical Cord Blood. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 821-830.	1.0	7
79	Surveillance of acute community acquired urinary tract bacterial infections. Journal of Acute Disease, 2015, 4, 186-195.	0.3	7
80	Monograph: In vitro efficacy of 30 ethnomedicinal plants used by Indian aborigines against 6 multidrug resistant Gram-positive pathogenic bacteria. Asian Pacific Journal of Tropical Disease, 2015, 5, 136-150.	0.5	7
81	Bayesian analysis of two methods MALDI-TOF-MS system and culture test inÂotomycosis infection. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2019, 5, 6-13.	1.6	6
82	Surveillance of extended-spectrum β-lactamase producing bacteria in an Indian teaching hospital. Journal of Taibah University Medical Sciences, 2014, 9, 274-281.	0.9	5
83	Surveillance of multidrug resistant suppurative infection causing bacteria in hospitalized patients in an Indian tertiary care hospital. Journal of Acute Disease, 2014, 3, 148-156.	0.3	5
84	Probit analysis of comparative assays on toxicities of lead chloride and lead acetate to <i>in vitro</i> cultured human umbilical cord blood lymphocytes. Interdisciplinary Toxicology, 2015, 8, 35-43.	1.0	5
85	Targeting Some Enzymes with Repurposing Approved Pharmaceutical Drugs for Expeditious Antiviral Approaches Against Newer Strains of COVID-19. AAPS PharmSciTech, 2021, 22, 214.	3.3	5
86	Infection dynamics of vancomycin and inducible clindamycin resistant Enterococcus faecalis in an Indian teaching hospital. Asian Pacific Journal of Tropical Disease, 2015, 5, S127-S132.	0.5	4
87	Malignant peripheral nerve sheath tumour of nose and paranasal sinuses with orbital extension. Journal of Taibah University Medical Sciences, 2015, 10, 238-242.	0.9	4
88	Molecular dynamics simulation, synthesis and topoisomerase inhibitory actions of vanillin derivatives: a systematic computational structural integument. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11653-11663.	3.5	4
89	GC-MS Analysis of Bioactive Compounds and Hosttoxicity Studies of Azolla caroliniana Symbiotic with the Cyanobacterium Anabaena azollae. Indian Journal of Pharmaceutical Education and Research, 2017, 51, s24-s33.	0.6	4
90	Biogenic synthesis of silver-nanoparticles with the brackish water cyanobacterium <i>Nostoc sphaeroides</i> and assessment of antibacterial activity against urinary tract infecting bacteria. Journal of Taibah University for Science, 2021, 15, 805-813.	2.5	4

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91	Recent progression of cyanobacteria and their pharmaceutical utility: an update. Journal of Biomolecular Structure and Dynamics, 2023, 41, 4219-4252.	3.5	4
92	Statistical Evaluation of Two Microbiological Diagnostic Methods of Pulmonary Tuberculosis After Implementation of a Directly Observed Treatment Short-course Program. Osong Public Health and Research Perspectives, 2013, 4, 45-51.	1.9	3
93	Human Umbilical Cord Blood-Derived Neural Stem Cell Line as a Screening Model for Toxicity. Neurotoxicity Research, 2017, 31, 319-326.	2.7	3
94	Optimal timing of laparoscopic cholecystectomy after endoscopic retrograde cholangiopancreatography. International Surgery Journal, 2017, 4, 3504.	0.1	3
95	Radiological significance of high-resolution computed tomography for elderly pulmonary tuberculosis patients – an analysis with culture test. Polish Journal of Radiology, 2020, 85, 125-131.	0.9	3
96	Computational Approach for Locating Effective Cyanobacterial Compounds against Mycobacterium Tuberculosis. Indian Journal of Pharmaceutical Education and Research, 2017, 51, 302-311.	0.6	3
97	Use of bone marrow derived stem cells in a fracture non-union. Journal of Acute Disease, 2012, 1, 156-158.	0.3	2
98	Evaluation of two microbiological diagnostic methods for pulmonary tuberculosis based on Bayes rule. Zeitschrift Fur Gesundheitswissenschaften, 2013, 21, 123-130.	1.6	2
99	Success in Pregnancy Through Intrauterine Insemination at First Cycle in 300 Infertile Couples: An Analysis. Journal of Obstetrics and Gynecology of India, 2014, 64, 134-142.	0.9	2
100	Monitoring in vitro efficacy of Holarrhena antidysenterica against multidrug resistant enteropathogenic bacteria. Asian Pacific Journal of Tropical Disease, 2014, 4, S54-S63.	0.5	2
101	Isolation of ESBL-producing gram-negative bacteria and in silico inhibition of ESBLs by flavonoids. Journal of Taibah University Medical Sciences, 2016, 11, 217-229.	0.9	2
102	Perforated solitary cecal diverticulum: An etiological challenge at emergency. Journal of Acute Medicine, 2016, 6, 49-51.	0.2	2
103	Role of Abdominal Ultrasound in the Diagnosis of Typhoid Fever in Pediatric Patients. Journal of Medical Ultrasound, 2016, 24, 150-153.	0.4	2
104	Bayesian analysis of high-resolution ultrasonography and guided fine needle aspiration cytology in diagnosis of palpable thyroid nodules. Brazilian Journal of Otorhinolaryngology, 2018, 84, 20-27.	1.0	2
105	DESIGN, SYNTHESIS OF SCHIFF BASE CIPROPFLOXACIN-VANILLIN DERAVATIVES OF POTENT BACTERIAL DNA GYRASE INHIBITOR. Indian Drugs, 2020, 57, 21-26.	0.1	2
106	Nostocine A Derivatives as Human DNA Topoisomerase II-alpha Inhibitor. Indian Journal of Pharmaceutical Education and Research, 2020, 54, 698-704.	0.6	2
107	Successful outcome from empirical use of heparin and aspirin in unexplained pregnancy loss. Asian Pacific Journal of Reproduction, 2012, 1, 323-325.	0.4	1
108	Primary tuberculosis of the glans penis-a rare case report. Asian Pacific Journal of Tropical Disease, 2014, 4, S653-S655.	0.5	1

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109	A case of expansile ancient schwannoma of the nose and paranasal sinuses. Egyptian Journal of Ear, Nose, Throat and Allied Sciences, 2015, 16, 265-268.	0.1	1
110	Growth, yield and element-analysis of rice (Oryza sativa L), grown in soil amended with fly ash and municipal biosolids. Paddy and Water Environment, 2021, 19, 149-157.	1.8	1
111	Computational attempts for synthesis of potent antibacterial sulfamethoxazole-monocyclic terpenes conjugates. Canadian Journal of Biotechnology, 2017, 1, 52-52.	0.3	1
112	Social Transmission of Corona Virus: An overview. Siriraj Medical Journal, 2020, 72, 508-511.	0.3	1
113	A case of bilateral primary fallopian tube carcinoma. Asian Pacific Journal of Reproduction, 2014, 3, 249-252.	0.4	0
114	"Granulocytic sarcoma of cervical lymphnode: A diagnostic challenge― Cancer Treatment Communications, 2016, 7, 17-20.	0.4	0
115	Frontal recess polyp in a 14-year-old child resembling an antro-choanal polyp. Journal of Taibah University Medical Sciences, 2016, 11, 82-85.	0.9	0
116	COMPUTED TOMOGRAPHIC EVALUATION OF INFERIOR TURBINATE HYPERTROPHY IN ADULT INDO-DRAVIDIAN PATIENTS WITH DEVIATED NASAL SEPTUM. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 342.	0.3	0
117	Semen quality among different professional groups: A retrospective study in a teaching hospital. Middle East Fertility Society Journal, 2018, 23, 220-224.	1.5	0
118	Hysterectomy of a 15 Years Old Girl: A Rare Case Report. Donald School Journal of Ultrasound in Obstetrics and Gynecology, 2015, 9, 331-334.	0.3	0
119	Design, molecular docking study of synthesised N-heteroaryl substituted gallamide derivatives and their antibacterial assessment. Natural Product Research. 2022 1-9.	1.8	0