

Dibakar Chandra Deka

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

476
citations

759233

12
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	High quality biodiesel from yellow oleander (<i>Thevetia peruviana</i>) seed oil. <i>Biomass and Bioenergy</i> , 2011, 35, 1797-1803.	5.7	124
2	Synthesis and characterization of yellow oleander (<i>Thevetia peruviana</i>) seed oil-based alkyd resin. <i>Industrial Crops and Products</i> , 2014, 52, 721-728.	5.2	63
3	Organocatalytic domino KnÃ¶evenagelâ€“Michael reaction in water for the regioselective synthesis of benzo[4,5]imidazo[1,2-a]pyrimidines and pyrido[2,3-d]pyrimidin-2-amines. <i>RSC Advances</i> , 2016, 6, 91320-91324.	3.6	22
4	Preparation and Characterization of a Heterogeneous Catalyst from Water Hyacinth (<i>Eichhornia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Under Solvent Free Condition. <i>Current Catalysis</i> , 2016, 5, 51-65.	0.5	21
5	Reaction of 6-aminouracils with aldehydes in water as both solvent and reactant under FeCl ₃ ·6H ₂ O catalysis: towards 5-alkyl/arylidenearbituric acids. <i>RSC Advances</i> , 2014, 4, 32207-32213.	3.6	20
6	Fenton oxidation and combined Fenton-microbial treatment for remediation of crude oil contaminated soil in Assam â€“ India. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1913.	3.5	18
7	Pot, atom and step economic (PASE) synthesis of 5-monoalkylbarbiturates through domino aldol-Michael reaction. <i>Tetrahedron Letters</i> , 2015, 56, 731-734.	1.4	17
8	In vitro and in vivo anti-diabetic and hepatoprotective effects of edible pods of <i>Parkia roxburghii</i> and quantification of the active constituent by HPLC-PDA. <i>Journal of Ethnopharmacology</i> , 2016, 191, 21-28.	4.1	17
9	A Quick Micelleâ€“Catalyzed Oneâ€“Pot Synthesis of Spiro[indolineâ€“3,4â€“pyrano[2,3- <i>b</i>]pyrazoles] in Water at Room Temperature. <i>ChemistrySelect</i> , 2018, 3, 1512-1516.	1.5	16
10	A Quick, Simple and Clean Synthesis of Spiro(indolineâ€“3,4â€“pyrazolo[4,5- <i>b</i>]pyrido[2,3- <i>d</i>]pyrimidines) in Water through a Novel Oneâ€“Pot Multicomponent Reaction. <i>ChemistrySelect</i> , 2017, 2, 5701-5706.	1.5	16
11	Expeditious synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i>)-ones in aqueous medium using thiamine hydrochloride (VB ₁) as a mild, efficient, and reusable organocatalyst. <i>Synthetic Communications</i> , 2017, 47, 1601-1609.	2.1	14
12	Antioxidant Properties and Phenolic Contents of Traditional Rice-Based Alcoholic Beverages of Assam, India. <i>The National Academy of Sciences, India</i> , 2020, 43, 501-503.	1.3	14
13	Niâ€“Al ₂ O ₃ as reusable heterogeneous catalyst for expedient one-pot synthesis of naphthopyrans. <i>Research on Chemical Intermediates</i> , 2016, 42, 6863-6871.	2.7	13
14	Metal profile of traditional alcoholic beverages prepared by the ethnic communities of Assam, India. <i>Journal of the Institute of Brewing</i> , 2017, 123, 284-288.	2.3	13
15	Procyanidin A2, an anti-diabetic condensed tannin extracted from <i>Wendlandia glabrata</i> , reduces elevated G-6-Pase and mRNA levels in diabetic mice and increases glucose uptake in CC1 hepatocytes and C1C12 myoblast cells. <i>RSC Advances</i> , 2019, 9, 17211-17219.	3.6	13
16	Water hyacinth ash: an efficient green catalyst for the synthesis of Î²-amino carbonyl/nitrile compounds by aza-Michael reaction at room temperature. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	11
17	A new, convenient and expeditious synthesis of 4-alkyl-5-methyl-1 <i>H</i> -pyrazol-3-ols in water through a multicomponent reaction. <i>Tetrahedron Letters</i> , 2017, 58, 566-569.	1.4	9
18	Ethnic food beverages with heavy metal contents: Parameters for associated risk to human health, North-East India. <i>Toxicology Reports</i> , 2021, 8, 1220-1225.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Selective Reduction of Aromatic Nitro Groups in the Presence of Amide Functionality. Journal of Chemical Research, 2006, 2006, 223-224.	1.3	8
20	Antioxidant-Activity and Physicochemical Indices of the Rice Beer Used by the <i>Bodo</i> Community in North-East India. Journal of the American Society of Brewing Chemists, 2018, 76, 112-116.	1.1	7
21	Iodine catalyzed regioselective sulfenylation of aminouracils with sulfonyl hydrazides. Tetrahedron Letters, 2021, 65, 152753.	1.4	7
22	2-Phenyl-2,3-dihydrobenzo[d]thiazole: A Mild, Efficient, and Highly Active in situ Generated Chemoselective Reducing Agent for the One-Pot Synthesis of 5-Monoalkylbarbiturates in Water. Synlett, 2018, 29, 477-482.	1.8	6
23	A Molecular Hybridization Approach for Simple and Expeditious Synthesis of Novel Spiro[oxindoline-3,4'-isoxazolo[5,4'-b]pyrazolo[4,3'-e]pyridines] in Water. ChemistrySelect, 2018, 3, 7862-7866.	1.7	5
24	l-Proline-Catalysed One-Pot Regio- and Diastereoselective Synthesis of Spiro[pyrido[2,3-d]pyrimidin-2-amine-6,5'-pyrimidines] in Water. SynOpen, 2017, 01, 0045-0049.	1.7	5
25	Antioxidant activity of some non-conventional green leafy vegetables of North-East India. Mediterranean Journal of Nutrition and Metabolism, 2015, 8, 205-211.	0.5	3
26	Fuel property of biodiesel and petrodiesel mix: experiment with biodiesel from yellow oleander seed oil. Biofuels, 2015, 6, 269-272.	2.4	3
27	Evaluation of Anticancer and Antimicrobial Activity of Arborinine from Glycosmis pentaphylla. Journal of Biologically Active Products From Nature, 2017, 7, 131-139.	0.3	2
28	Analysis of nutrient content of five non-conventional vegetables of Assam, India. Mediterranean Journal of Nutrition and Metabolism, 2015, 8, 101-108.	0.5	0
29	Single Crystal X-Ray Diffraction in Structure Elucidation of Arborinine from Glycosmis pentaphylla. Natural Products Journal, 2017, 7, .	0.3	0
30	Heavy Metal Monitoring Tactics for Associated Human Health Risks Decline in Foods & Beverages. Current Nutrition and Food Science, 2022, 18, .	0.6	0