

Jagat Borah

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

492
citations

759055

12
h-index

713332

21
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22
all docs

22
docs citations

22
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	A Small Molecule Binding to the Coactivator CREB-Binding Protein Blocks Apoptosis in Cardiomyocytes. <i>Chemistry and Biology</i> , 2011, 18, 531-541.	6.2	126
2	A highly efficient synthesis of the C-13 side-chain of taxol using Shibasaki's asymmetric Henry reaction. <i>Tetrahedron Letters</i> , 2004, 45, 3689-3691.	0.7	55
3	Highly regioselective ring opening of epoxides using NaN ₃ : a short and efficient synthesis of (â ⁺)-cytoxazone. <i>Tetrahedron Letters</i> , 2004, 45, 7355-7358.	0.7	55
4	A short asymmetric total synthesis of chloramphenicol using a selectively protected 1,2-diol. <i>Tetrahedron Letters</i> , 2005, 46, 1743-1746.	0.7	32
5	Chrysin rich <i>Scutellaria discolor</i> Colebr. induces cervical cancer cell death via the induction of cell cycle arrest and caspase-dependent apoptosis. <i>Life Sciences</i> , 2015, 143, 105-113.	2.0	25
6	Anti-diabetic molecules from <i>Cycas pectinata</i> Griff. traditionally used by the Maiba-Maibi. <i>Phytomedicine</i> , 2015, 22, 23-26.	2.3	23
7	Essential oil of <i>Cephalotaxus griffithii</i> needle inhibits proliferation and migration of human cervical cancer cells: involvement of mitochondria-initiated and death receptor-mediated apoptosis pathways. <i>Natural Product Research</i> , 2015, 29, 1161-1165.	1.0	20
8	Anti-diabetic potential of selected ethno-medicinal plants of north east India. <i>Journal of Ethnopharmacology</i> , 2015, 171, 37-41.	2.0	19
9	Green synthesis of Au-Ag-In-rGO nanocomposites and its $\hat{\pm}$ -glucosidase inhibition and cytotoxicity effects. <i>Materials Letters</i> , 2018, 211, 48-50.	1.3	19
10	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.	2.0	17
11	HPLC analysis of harringtonine and homoharringtonine in the needles of <i>Cephalotaxus griffithii</i> alkaloid fraction and cytotoxic activity on chronic myelogenous leukaemia K562 cell. <i>Natural Product Research</i> , 2014, 28, 1503-1506.	1.0	14
12	Beneficial effect of the methanolic leaf extract of <i>Allium hookeri</i> on stimulating glutathione biosynthesis and preventing impaired glucose metabolism in type 2 diabetes. <i>Archives of Biochemistry and Biophysics</i> , 2021, 708, 108961.	1.4	14
13	Synthesis of a novel series of fluoroarene derivatives of artemisinin as potent antifungal and anticancer agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3338-3341.	1.0	13
14	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.	1.7	13
15	Adipose and non-adipose perspectives of plant derived natural compounds for mitigation of obesity. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114410.	2.0	11
16	In-silico screening for identification of potential inhibitors against SARS-CoV-2 transmembrane serine protease 2 (TMPRSS2). <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105820.	1.9	10
17	Methanolic Extract of <i>Lysimachia Candida</i> Lindl. Prevents High-Fat High-Fructose-Induced Fatty Liver in Rats: Understanding the Molecular Mechanism Through Untargeted Metabolomics Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 653872.	1.6	8
18	Evaluation of therapeutic effect of <i>Premna herbacea</i> in diabetic rat and isoverbascoside against insulin resistance in L6 muscle cells through bioenergetics and stimulation of JNK and AKT/mTOR signaling cascade. <i>Phytomedicine</i> , 2021, 93, 153761.	2.3	8

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19	Astragalin mediates the pharmacological effects of <i>Lysimachia candida</i> Lindl on adipogenesis via downregulating PPAR γ and FKBP51 signaling cascade. <i>Phytotherapy Research</i> , 2021, 35, 6990-7003.	2.8	5
20	Potential inhibitors for FKBP51: an <i>in silico</i> study using virtual screening, molecular docking and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13799-13811.	2.0	4
21	Iridoid glycoside isolated from <i>Wendlandia glabrata</i> and the role of its enriched fraction in regulating AMPK/PEPCK/G6Pase signaling pathway of hepatic gluconeogenesis. <i>New Journal of Chemistry</i> , 2022, 46, 13167-13177.	1.4	1
22	Phytomedicine as a source of SGLT2 inhibitors, GLP-1 secretagogues and DPP-IV inhibitors for mitigation of Diabetic Nephropathy. <i>Phytomedicine Plus</i> , 2022, 2, 100225.	0.9	0