

Siddhartha Kumar Mishra

List of Publications by Year in descending order

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59
papers

1,679
citations

361413
20
h-index

302126
39
g-index

61
all docs

61
docs citations

61
times ranked

2683
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytol: A review of biomedical activities. Food and Chemical Toxicology, 2018, 121, 82-94.	3.6	198
2	Protective and therapeutic potential of ginger (<i>Zingiber officinale</i>) extract and [6]-gingerol in cancer: A comprehensive review. Phytotherapy Research, 2018, 32, 1885-1907.	5.8	167
3	Andrographolide, a diterpene lactone from <i>Andrographis paniculata</i> and its therapeutic promises in cancer. Cancer Letters, 2018, 420, 129-145.	7.2	125
4	Targeting cancer cells with nanotherapeutics and nanodiagnostics: Current status and future perspectives. Seminars in Cancer Biology, 2021, 69, 52-68.	9.6	125
5	Ergosterol peroxide from Chaga mushroom (<i>Inonotus obliquus</i>) exhibits anti-cancer activity by down-regulation of the β -catenin pathway in colorectal cancer. Journal of Ethnopharmacology, 2015, 173, 303-312.	4.1	99
6	A systematic review on the neuroprotective perspectives of beta-caryophyllene. Phytotherapy Research, 2018, 32, 2376-2388.	5.8	80
7	A comprehensive review on biological properties of citrinin. Food and Chemical Toxicology, 2017, 110, 130-141.	3.6	78
8	Engineering of caveolae-specific self-micellizing anticancer lipid nanoparticles to enhance the chemotherapeutic efficacy of oxaliplatin in colorectal cancer cells. Acta Biomaterialia, 2016, 42, 220-231.	8.3	76
9	Orally administered aqueous extract of <i>Inonotus obliquus</i> ameliorates acute inflammation in dextran sulfate sodium (DSS)-induced colitis in mice. Journal of Ethnopharmacology, 2012, 143, 524-532.	4.1	67
10	The phytochemical, biological, and medicinal attributes of phytoecdysteroids: An updated review. Acta Pharmaceutica Sinica B, 2021, 11, 1740-1766.	12.0	51
11	Prevalence, risk factors and virological profile of chronic hepatitis b virus infection in pregnant women in India. Journal of Medical Virology, 2011, 83, 962-967.	5.0	49
12	A Perspective on Emerging Therapeutic Interventions for COVID-19. Frontiers in Public Health, 2020, 8, 281.	2.7	49
13	Synthesis and Rational design of Europium and Lithium Doped Sodium Zinc Molybdate with Red Emission for Optical Imaging. Scientific Reports, 2019, 9, 2472.	3.3	39
14	Andrographolide and analogues in cancer prevention. Frontiers in Bioscience - Elite, 2015, 7, 292-304.	1.8	38
15	Midazolam Induces Cellular Apoptosis in Human Cancer Cells and Inhibits Tumor Growth in Xenograft Mice. Molecules and Cells, 2013, 36, 219-226.	2.6	33
16	An updated literature-based review: phytochemistry, pharmacology and therapeutic promises of <i>Nigella sativa</i> L.. Oriental Pharmacy and Experimental Medicine, 2019, 19, 115-129.	1.2	29
17	Association of Polymorphisms and Haplotypes in the Insulin-Like Growth Factor 1 Receptor (IGF1R) Gene with the Risk of Breast Cancer in Korean Women. PLoS ONE, 2014, 9, e84532.	2.5	27
18	Goldenseal (<i>Hydrastis canadensis</i> L.) and its active constituents: A critical review of their efficacy and toxicological issues. Pharmacological Research, 2020, 160, 105085.	7.1	25

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19	Assessment of chemotherapy on various biochemical markers in breast cancer patients. Journal of Cellular Biochemistry, 2018, 119, 2923-2928.	2.6	23
20	Anticonvulsant effect of anacardic acid in murine models: Putative role of GABAergic and antioxidant mechanisms. Biomedicine and Pharmacotherapy, 2018, 106, 1686-1695.	5.6	23
21	Modulation of Intracellular Calcium Levels by Calcium Lactate Affects Colon Cancer Cell Motility through Calcium-Dependent Calpain. PLoS ONE, 2015, 10, e0116984.	2.5	23
22	Existence and stability of entropy solutions for a conservation law with discontinuous non-convex fluxes. Networks and Heterogeneous Media, 2007, 2, 127-157.	1.1	23
23	Gadd45 ^Δ is transcriptionally activated by p53 via p38 ^Δ -mediated phosphorylation during myocardial ischemic injury. Journal of Molecular Medicine, 2013, 91, 1303-1313.	3.9	21
24	Mycotoxin ^Δ -assisted mitochondrial dysfunction and cytotoxicity: Unexploited tools against proliferative disorders. IUBMB Life, 2018, 70, 1084-1092.	3.4	21
25	<i>Inonotus Obliquus</i> Suppresses Proliferation of Colorectal Cancer Cells and Tumor Growth in Mice Models by Downregulation of β -Catenin/NF- κ B-Signaling Pathways. European Journal of Inflammation, 2013, 11, 615-629.	0.5	20
26	Novel self-micellizing anticancer lipid nanoparticles induce cell death of colorectal cancer cells. Colloids and Surfaces B: Biointerfaces, 2015, 135, 793-801.	5.0	17
27	Association of Phytol with Toxic and Cytotoxic Activities in an Antitumoral Perspective: A Meta-Analysis and Systemic Review. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1828-1837.	1.7	16
28	Antitumoral effects of [6]-gingerol [(S)-5-hydroxy-1-(4-hydroxy-3-methoxyphenyl)-3-decanone] in sarcoma 180 cells through cytogenetic mechanisms. Biomedicine and Pharmacotherapy, 2020, 126, 110004.	5.6	13
29	Sesquiterpene Alcohol Cedrol Chemosensitizes Human Cancer Cells and Suppresses Cell Proliferation by Destabilizing Plasma Membrane Lipid Rafts. Frontiers in Cell and Developmental Biology, 2020, 8, 571676.	3.7	13
30	Biochemical and Pharmacological Applications of Essential Oils in Human Health Especially in Cancer Prevention. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1815-1827.	1.7	13
31	Toxicogenetic study of omeprazole and the modulatory effects of retinol palmitate and ascorbic acid on <i>Allium cepa</i> . Chemosphere, 2018, 204, 220-226.	8.2	12
32	Correlations between Risk Factors for Breast Cancer and Genetic Instability in Cancer Patients ^Δ A Clinical Perspective Study. Frontiers in Genetics, 2017, 8, 236.	2.3	9
33	Mycorrhizal Fungi as Control Agents Against Plant Pathogens. , 2017, , 161-178.		8
34	<i>Inonotus obliquus</i> aqueous extract prevents histopathological alterations in liver induced by environmental toxicant Microcystin. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100118.	3.6	8
35	Comparative physico-kinetic properties of a homogenous purified β -glucosidase from <i>Withania somnifera</i> leaf. Acta Physiologiae Plantarum, 2013, 35, 1439-1451.	2.1	7
36	Anticancer Perspectives on the Fungal-Derived Polyphenolic Hispolon. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1636-1647.	1.7	7

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37	Carbonate extraction process for the metabolic, isozymic and proteomic profiling of rose-scented geranium (<i>Pelargonium</i> sp.), a hyper-acidic plant. <i>Phytochemical Analysis</i> , 2008, 19, 104-115.	2.4	6
38	PURIFICATION AND PHYSICOKINETIC CHARACTERIZATION OF A GLUCONOLACTONE INHIBITION-INSENSITIVE β -GLUCOSIDASE FROM <i>Andrographis paniculata</i> NEES. LEAF. <i>Preparative Biochemistry and Biotechnology</i> , 2013, 43, 481-499.	1.9	6
39	Andrographolide Induces Apoptosis in Gastric Cancer Cells through Reactivation of p53 and Inhibition of Mdm-2. <i>Doklady Biochemistry and Biophysics</i> , 2021, 500, 393-401.	0.9	6
40	Plant Metabolomics: An Overview of Technology Platforms for Applications in Metabolism. , 2015, , 257-298.		5
41	Effect of Diets, Familial History, and Alternative Therapies on Genomic Instability of Breast Cancer Patients. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 282-296.	2.9	5
42	Design of wide band circularly polarized textile antenna for ISM bands at 2.4 and 5.8 GHz. , 2015, , .		4
43	Inonotus obliquus Aqueous Extract Suppresses Carbon Tetrachloride-induced Hepatic Injury through Modulation of Antioxidant Enzyme System and Anti-inflammatory Mechanism. <i>Clinical Cancer Drugs</i> , 2021, 8, 122-136.	0.3	4
44	Physico-kinetic and functional features of a novel β -glucosidase isolated from milk thistle (<i>Silybum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	3
45	Chapter 28. Vitamin A and Cancer Risk. <i>Food and Nutritional Components in Focus</i> , 2012, , 485-500.	0.1	2
46	Design of dual band textile antenna for ISM bands using fractal geometry. , 2015, , .		2
47	ETHNOPHARMACOLOGICAL REVIEW OF NATURAL PRODUCTS IN CANCER PREVENTION AND THERAPY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 32.	0.3	2
48	Orally administered aqueous extract of <i>Inonotus obliquus</i> ameliorates acute inflammation in dextran sulfate sodium (DSS)-induced colitis in mice. <i>Inflammatory Bowel Diseases</i> , 2011, 17, S71.	1.9	1
49	Abstract 653: Passive smoking facilitate the risk of CIN1 in high risk HPV-positive women: Korean HPV Cohort Study. , 2012, , .		1
50	Proteomic identification of a fucosyltransferase from petals of milk thistle, <i>Silybum marianum</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, S95-S98.	0.8	0
51	Cytogenotoxicological Effects of the Methanolic Extract of <i>Dysophylla auricularia</i> . <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 1399-1406.	1.0	0
52	Tenofovir is Highly Effective for Both Treatment Naive and Treatment Experienced CHB Infected Patients. <i>American Journal of Gastroenterology</i> , 2009, 104, S122.	0.4	0
53	Abstract 2610: Association of polymorphisms and haplotypes in the insulin-like growth factor 1 receptor (IGF1R) gene with breast cancer in Korean women. , 2012, , .		0
54	Hepatitis B Virus Genotypes, Mutations and the Risks for Hepatocellular Carcinoma. <i>Gastroenterology & Hepatology (Bartlesville, Okla)</i> , 2014, 1, .	0.1	0

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55	Ulcerative Colitis and Colorectal Cancer: Challenges and Opportunities. <i>Advanced Research in Gastroenterology & Hepatology</i> , 2017, 3, .	0.0	0
56	Targeting Redox Signaling and ROS Metabolism in Cancer Treatment. , 2021, , 1-28.		0
57	Potential Influence of Parasitic Interactions on COVID-19 Pathology and Epidemiology. , 2021, , 381-399.		0
58	Targeting Redox Signaling and ROS Metabolism in Cancer Treatment. , 2022, , 1791-1818.		0
59	Anti-Proliferative Naphthalene Glucoside from Aerial Part of <i>Neanotis wightiana</i> . <i>Chemistry of Natural Compounds</i> , 2022, 58, 21-26.	0.8	0