

Subhash C Mandal

List of Publications by Year in descending order

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97
papers

2,643
citations

201674

27
h-index

223800

46
g-index

100
all docs

100
docs citations

100
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytopharmacology of herbal biomolecules. , 2022, , 101-119.		0
2	Interfacial interactions and properties of cellular structured polyurethane nanocomposite based on carbonaceous nanoâ€fillers. Journal of Applied Polymer Science, 2021, 138, 49775.	2.6	12
3	COVID-19 Pandemic Panic: Prophylactic as Well as Therapeutic Management with Traditional Ethnic Phytopharmaceuticals with Challenging Nano-spray Inhaler and Advanced Drug Delivery System. , 2021, , 437-460.		0
4	Andrographolide upregulates protein quality control mechanisms in cell and mouse through upregulation of mTORC1 function. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129885.	2.4	15
5	Preclinical and Clinical Trials of Indian Medicinal Plants in Disease Control. , 2020, , 119-142.		5
6	In search of suitable extraction technique for large scale commercial production of bioactive fraction for the treatment of diabetes: The case Diospyros melanoxylon Roxb.. Journal of Traditional and Complementary Medicine, 2019, 9, 106-118.	2.7	8
7	Pharmacological Property of Pentacyclic Triterpenoids. Egyptian Journal of Chemistry, 2019, .	0.2	16
8	Azadiradione Restores Protein Quality Control and Ameliorates the Disease Pathogenesis in a Mouse Model of Huntingtonâ€™s Disease. Molecular Neurobiology, 2018, 55, 6337-6346.	4.0	22
9	Attenuation of nociceptive pain and inflammatory disorders by total steroid and terpenoid fraction of Euphorbia tirucalli Linn root in experimental in vitro and in vivo model. Inflammopharmacology, 2018, 26, 235-250.	3.9	12
10	Ichnocarpus frutescens (L.) R. Br. root derived phyto-steroids defends inflammation and algnesia by pulling down the pro-inflammatory and nociceptive pain mediators: An in-vitro and in-vivo appraisal. Steroids, 2018, 139, 18-27.	1.8	9
11	Azadiradione ameliorates polyglutamine expansion disease in <i>Drosophila</i> by potentiating DNA binding activity of heat shock factor 1. Oncotarget, 2016, 7, 78281-78296.	1.8	28
12	In vitro antioxidant and antidiabetic properties of petroleum ether extract of Wattakaka Volubilis and their potential phytomarkers for insilico computational of biological parameters optimization by using the molecular docking program AutoDock 4. Oriental Pharmacy and Experimental Medicine, 2016, 16, 103-111.	1.2	2
13	Total steroid and terpenoid enriched fraction from Euphorbia neriifolia Linn offers protection against nociceptive-pain, inflammation, and in vitro arthritis model: An insight of mechanistic study. International Immunopharmacology, 2016, 41, 106-115.	3.8	14
14	Hepatoprotective activity of methanol extract of Litsea glutinosa against hepatotoxin induced toxicity. Oriental Pharmacy and Experimental Medicine, 2016, 16, 139-146.	1.2	2
15	Compounds of Natural Origin and Acupuncture for the Treatment of Diseases Caused by Estrogen Deficiency. JAMS Journal of Acupuncture and Meridian Studies, 2016, 9, 109-117.	0.7	8
16	Triterpenoid from the extract of Mangifera indica L. roots having Antispermogenic activity. Oriental Journal of Chemistry, 2015, 31, 479-481.	0.3	0
17	Potential of the plant <i>Thespesia populnea</i> in the treatment of ulcerative colitis. Pharmaceutical Biology, 2015, 53, 1379-1385.	2.9	4
18	Antidiabetic effects of isolated sterols from Ficus racemosa leaves. RSC Advances, 2015, 5, 35230-35237.	3.6	27

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19	Innovative Extraction Process Design and Optimization Using Design of Experimental Approach. , 2015, , 137-163.		1
20	Reconstituted mother tinctures of Gelsemium sempervirens L. improve memory and cognitive impairment in mice scopolamine-induced dementia model. Journal of Ethnopharmacology, 2015, 159, 274-284.	4.1	20
21	Chronic Inflammatory Diseases: Progress and Prospect with Herbal Medicine. Current Pharmaceutical Design, 2015, 22, 247-264.	1.9	11
22	Computational Optimization of Bioanalytical Parameters for the Evaluation of the Toxicity of the Phytomarker 1,4 Napthoquinone and its Metabolite 1,2,4-trihydroxynaphththalene. Journal of Pharmacopuncture, 2015, 18, 7-18.	1.1	1
23	Modernization of Ayurveda: A Brief Overview of Indian Initiatives. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	5
24	Advances in Herbal Medicine for Treatment of Ischemic Brain Injury. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	18
25	Chronic inflammation and cancer: potential chemoprevention through nuclear factor kappa B and p53 mutual antagonism. Journal of Inflammation, 2014, 11, 23.	3.4	96
26	A Brief Understanding of Process Optimisation in Microwave Assisted Extraction of Botanical Materials: Options and Opportunities with Chemometric Tools. Phytochemical Analysis, 2014, 25, 1-12.	2.4	25
27	A critical biochemical assessment on the antihyperglycemic activity of aqueous fraction of Wattakaka volubilis supported by antioxidant defense. Oriental Pharmacy and Experimental Medicine, 2014, 14, 15-24.	1.2	4
28	HPTLC evaluation of oleanolic acid and ursolic acid from the methanol extract of Wattakaka volubilis. Journal of Acute Disease, 2014, 3, 59-61.	0.3	11
29	Serum Biochemical, Histopathology and SEM Analyses of the Effects of the Indian Traditional Herb Wattakaka Volubilis Leaf Extract on Wistar Male Rats. Journal of Pharmacopuncture, 2014, 17, 13-19.	1.1	6
30	Biological Parameters for Evaluating the Toxic Potency of Petroleum Ether Extract of Wattakaka volubilis in Wistar Female Rats. Journal of Pharmacopuncture, 2014, 17, 7-15.	1.1	2
31	Glycoside from Tephrosia purpurea Roots in the Treatment of Ulcerative Colitis. Pharmacologia, 2014, 5, 310-315.	0.3	0
32	Design of Experiment Approach for the Process Optimisation of Microwave Assisted Extraction of Lupeol from <i>Ficus racemosa</i> Leaves Using Response Surface Methodology. Phytochemical Analysis, 2013, 24, 230-247.	2.4	26
33	Possible fasciocidal activity of methanol extract of Dregea volubilis leaves. Experimental Parasitology, 2013, 135, 183-187.	1.2	6
34	Natural Compounds against Flaviviral Infections. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	5
35	Potential of <i>Moringa oleifera</i> root and <i>Citrus sinensis</i> fruit rind extracts in the treatment of ulcerative colitis in mice. Pharmaceutical Biology, 2012, 50, 1297-1302.	2.9	21
36	Inhibition of Selective Adhesion Molecules in Treatment of Inflammatory Bowel Disease. International Reviews of Immunology, 2012, 31, 410-427.	3.3	20

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37	<i>In vitro</i> and <i>in vivo</i> antitumor activity of a methanol extract of <i>Dregea volubilis</i> leaves with its antioxidant effect. <i>Pharmaceutical Biology</i> , 2012, 50, 338-343.	2.9	11
38	Antioxidant activity of polyphenolic extracts of <i>Ichnocarpus frutescens</i> . <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 349-355.	3.8	47
39	An inside to the Better Understanding of the Ethnobotanical Route to Drug Discovery- the Need of the Hour. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	3
40	Dynamic mechanical analysis and morphological studies of glass/bamboo fiber reinforced unsaturated polyester resin based hybrid composites. <i>Journal of Applied Polymer Science</i> , 2012, 125, E382.	2.6	42
41	Studies on the mechanical, thermal, and morphological properties of poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 with theoretical predictive models. <i>Journal of Applied Polymer Science</i> , 2012, 126, 724-733.	2.6	7
42	Analgesic and anti-inflammatory activity of β -sitosterol isolated from <i>Nyctanthes arbortristis</i> leaves. <i>Inflammopharmacology</i> , 2012, 20, 219-224.	3.9	85
43	Anthelmintic effect of a methanol extract of leaves of <i>Dregea volubilis</i> on <i>Paramphistomum explanatum</i> . <i>Parasitology Research</i> , 2012, 110, 809-814.	1.6	21
44	Anthelmintic effect of a methanol extract of <i>Bombax malabaricum</i> leaves on <i>Paramphistomum explanatum</i> . <i>Parasitology Research</i> , 2012, 110, 1097-1102.	1.6	22
45	Modulatory effect of polyphenolic extracts of <i>Ichnocarpus frutescens</i> on oxidative stress in rats with experimentally induced diabetes. <i>Indian Journal of Medical Research</i> , 2012, 136, 815-21.	1.0	7
46	An inside to the better understanding of the ethnobotanical route to drug discovery—the need of the hour. <i>Natural Product Communications</i> , 2012, 7, 1551-4.	0.5	6
47	Potential of <i>Vitex negundo</i> roots in the treatment of ulcerative colitis in mice. <i>Pharmaceutical Biology</i> , 2011, 49, 874-878.	2.9	10
48	Anti-inflammatory activity of a polyphenolic enriched extract of <i>Schima wallichii</i> bark. <i>Natural Product Research</i> , 2011, 25, 696-703.	1.8	12
49	Antioxidant protection: A promising therapeutic intervention in neurodegenerative disease. <i>Free Radical Research</i> , 2011, 45, 888-905.	3.3	103
50	Larvicidal activity of <i>Dregea volubilis</i> and <i>Bombax malabaricum</i> leaf extracts against the filarial vector <i>Culex quinquefasciatus</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2011, 4, 436-441.	0.8	33
51	Recent advances in herbal medicine for treatment of liver diseases. <i>Pharmaceutical Biology</i> , 2011, 49, 970-988.	2.9	86
52	Antidiabetic and antioxidant effect of methanol extract of edible plant <i>Talinum portulacifolium</i> (Forssk) in Streptozotocin induced diabetic rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2011, 11, 191-198.	1.2	5
53	Ethnobotany of the Monpa ethnic group at Arunachal Pradesh, India. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2011, 7, 31.	2.6	79
54	Protective and curative effects of polyphenolic extracts from <i>Ichnocarpus frutescens</i> leaves on experimental hepatotoxicity by carbon tetrachloride and tamoxifen. <i>Annals of Hepatology</i> , 2011, 10, 63-72.	1.5	7

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55	Mechanical properties of poly(ether ether ketone)/poly(ether ketone) blends: Use of simple models relating normalized tensile parameters. <i>Journal of Applied Polymer Science</i> , 2010, 117, 849-856.	2.6	5
56	Design and performance evaluation of a microwave based low carbon yielding extraction technique for naturally occurring bioactive triterpenoid: Oleanolic acid. <i>Biochemical Engineering Journal</i> , 2010, 50, 63-70.	3.6	79
57	Mechanisms and Efficacy of Immunobiologic Therapies for Inflammatory Bowel Diseases. <i>International Reviews of Immunology</i> , 2010, 29, 4-37.	3.3	13
58	Studies on Bamboo/Glass Fiber Reinforced USP and VE Resin. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 43-51.	3.1	33
59	Anti-inflammatory effect of a methanolic extract of leaves of <i>Dregea volubilis</i> . <i>Journal of Ethnopharmacology</i> , 2010, 132, 525-528.	4.1	16
60	COX-2 as a target for cancer chemotherapy. <i>Pharmacological Reports</i> , 2010, 62, 233-244.	3.3	278
61	Design and Optimization of Ultrasound Assisted Extraction of Curcumin as an Effective Alternative for Conventional Solid Liquid Extraction of Natural Products. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	12
62	Role of Modifier in Microwave Assisted Extraction of Oleanolic Acid from <i>Gymnema sylvestre</i> : Application of Green Extraction Technology for Botanicals. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	0
63	Study of anti-inflammatory and antinociceptive activity of hydroalcoholic extract of <i>Schima wallichii</i> bark. <i>Pharmaceutical Biology</i> , 2009, 47, 402-407.	2.9	14
64	Swietenine: A potential oral hypoglycemic from <i>Swietenia macrophylla</i> seed. <i>FÄ-toterapÄ-Äç</i> , 2009, 80, 249-251.	2.2	40
65	Microwave assisted extraction of total bioactive saponin fraction from <i>Gymnema sylvestre</i> with reference to gymnemagenin: a potential biomarker. <i>Phytochemical Analysis</i> , 2009, 20, 491-497.	2.4	32
66	Evaluation of antidiabetic activity of the seeds of <i>Swietenia macrophylla</i> in diabetic rats. <i>Pharmaceutical Biology</i> , 2009, 47, 132-136.	2.9	15
67	Polyphenolic Extract of <i>Ichnocarpus frutescens</i> Attenuates Diabetic Complications in Streptozotocin-Treated Diabetic Rats. <i>Renal Failure</i> , 2008, 30, 307-322.	2.1	20
68	Evaluation of Anthelmintic Activity of Crude Extracts of <i>Diospyros peregrina</i> , <i>Coccinia grandis</i> , and <i>Schima wallichii</i> . <i>Dhaka University Journal of Pharmaceutical Sciences</i> , 2008, 6, 121-123.	0.2	15
69	Antibacterial activity of methanol extract of roots of <i>Heracleum nepalense</i> D Don. on bacteria causing diarrhoea. <i>Oriental Pharmacy and Experimental Medicine</i> , 2007, 7, 286-289.	1.2	4
70	Antitumor activity of polyphenolic extract of <i>Ichnocarpus frutescens</i> . <i>Experimental Oncology</i> , 2007, 29, 94-101.	0.1	12
71	Antidiabetic potential of <i>Barleria lupulina</i> extract in rats. <i>FÄ-toterapÄ-Äç</i> , 2004, 75, 1-4.	2.2	72
72	Evaluation of antipyretic potential of <i>Clitoria ternatea</i> L. extract in rats. <i>Phytomedicine</i> , 2004, 11, 323-326.	5.3	22

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73	Studies on psychopharmacological effects of <i>Cleome viscosa</i> Linn. extract in rats and mice. <i>Phytotherapy Research</i> , 2004, 18, 169-172.	5.8	22
74	Anti-inflammatory, analgesic and antipyretic properties of <i>Clitoria ternatea</i> root. <i>FÃ-toterapÃ-Ãç</i> , 2003, 74, 345-349.	2.2	92
75	Evaluation of anti-inflammatory potential of <i>Pavetta indica</i> Linn. leaf extract (family: Rubiaceae) in rats. <i>Phytotherapy Research</i> , 2003, 17, 817-820.	5.8	7
76	Evaluation of antitussive potential of <i>lonidium suffruticosam</i> Ging. (Violaceae) extract in albino mice. <i>Phytotherapy Research</i> , 2003, 17, 838-839.	5.8	5
77	Evaluation of antipyretic potential of <i>Cleome viscosa</i> Linn. (Capparidaceae) extract in rats. <i>Journal of Ethnopharmacology</i> , 2003, 87, 11-13.	4.1	52
78	Studies on anti-diarrhoeal activity of <i>Ficus hispida</i> . Leaf extract in rats. <i>FÃ-toterapÃ-Ãç</i> , 2002, 73, 663-667.	2.2	42
79	Studies on the antiinflammatory activity of <i>Betula alnoides</i> bark. <i>Phytotherapy Research</i> , 2002, 16, 669-671.	5.8	27
80	Glucose lowering efficacy of <i>Ficus racemosa</i> bark extract in normal and alloxan diabetic rats. <i>Phytotherapy Research</i> , 2002, 16, 590-592.	5.8	45
81	Studies on psychopharmacological activity of <i>Andrographis paniculata</i> extract. <i>Phytotherapy Research</i> , 2001, 15, 253-256.	5.8	40
82	Studies on the hypoglycaemic activity of <i>Punica granatum</i> seed in streptozotocin induced diabetic rats. <i>Phytotherapy Research</i> , 2001, 15, 628-629.	5.8	73
83	Metabolism of 1,8-dihydroxy 3-hydroxy methyl anthraquinone (aloe-emodin) isolated from the leaves of <i>Cassia tora</i> in albino rats. <i>Phytotherapy Research</i> , 2001, 15, 459-460.	5.8	12
84	Hepatoprotective activity of <i>Cassia fistula</i> leaf extract. <i>Phytomedicine</i> , 2001, 8, 220-224.	5.3	49
85	Neuropharmacological Activity of <i>Xanthium strumarium</i> Linn. Extract. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2001, 8, 69-77.	1.1	16
86	Evaluation of antibacterial activity of <i>Asparagus racemosus</i> Willd. root. <i>Phytotherapy Research</i> , 2000, 14, 118-119.	5.8	57
87	Effect of <i>Ocimum sanctum</i> roots extract on swimming performance in mice. , 2000, 14, 120-121.		38
88	A comparative study on hypocholesterolaemic effect of allicin, whole germinated seeds of bengal gram and guggulipid of gum gugglu. , 2000, 14, 200-202.		19
89	Studies on antibacterial activity of <i>Ficus racemosa</i> Linn. leaf extract. <i>Phytotherapy Research</i> , 2000, 14, 278-280.	5.8	36
90	Protective effect of leaf extract of <i>Ficus hispida</i> Linn. against paracetamol-induced hepatotoxicity in rats. <i>Phytotherapy Research</i> , 2000, 14, 457-459.	5.8	37

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91	Antibacterial activity of <i>Litsea glutinosa</i> bark. <i>FITOTERAPIA</i> , 2000, 71, 439-441.	2.2	32
92	Antitussive effect of <i>Asparagus racemosus</i> root against sulfur dioxide-induced cough in mice. <i>FITOTERAPIA</i> , 2000, 71, 686-689.	2.2	37
93	Anti-inflammatory evaluation of <i>Ficus racemosa</i> Linn. leaf extract. <i>Journal of Ethnopharmacology</i> , 2000, 72, 87-92.	4.1	51
94	Evaluation of Anti-Inflammatory Effects of <i>Cassia fistula</i> (Leguminosae) Leaf Extract on Rats. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2000, 6, 67-72.	1.1	8
95	Hepatoprotective activity of <i>Ficus racemosa</i> leaf extract on liver damage caused by carbon tetrachloride in rats. , 1999, 13, 430-432.		38
96	Studies on antiinflammatory effect of <i>Cassia tora</i> leaf extract (fam. Leguminosae). <i>Phytotherapy Research</i> , 1998, 12, 221-223.	5.8	58
97	Hypoglycaemic activity of <i>Leucas lavandulaefolia</i> Rees. in streptozotocin-induced diabetic rats. <i>Phytotherapy Research</i> , 1997, 11, 463-466.	5.8	12