

# Subhash C Mandal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4800225/publications.pdf>

Version: 2024-02-01

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	COX-2 as a target for cancer chemotherapy. <i>Pharmacological Reports</i> , 2010, 62, 233-244.	3.3	278
2	Antioxidant protection: A promising therapeutic intervention in neurodegenerative disease. <i>Free Radical Research</i> , 2011, 45, 888-905.	3.3	103
3	Chronic inflammation and cancer: potential chemoprevention through nuclear factor kappa B and p53 mutual antagonism. <i>Journal of Inflammation</i> , 2014, 11, 23.	3.4	96
4	Anti-inflammatory, analgesic and antipyretic properties of <i>Clitoria ternatea</i> root. <i>FITOTERAPY</i> , 2003, 74, 345-349.	2.2	92
5	Recent advances in herbal medicine for treatment of liver diseases. <i>Pharmaceutical Biology</i> , 2011, 49, 970-988.	2.9	86
6	Analgesic and anti-inflammatory activity of $\beta$ -sitosterol isolated from <i>Nyctanthes arbortristis</i> leaves. <i>Inflammopharmacology</i> , 2012, 20, 219-224.	3.9	85
7	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
8	Ethnobotany of the Monpa ethnic group at Arunachal Pradesh, India. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2011, 7, 31.	2.6	79
9	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
10	Antidiabetic potential of <i>Barleria lupulina</i> extract in rats. <i>FITOTERAPY</i> , 2004, 75, 1-4.	2.2	72
11	Studies on antiinflammatory effect of <i>Cassia tora</i> leaf extract (fam. Leguminosae). <i>Phytotherapy Research</i> , 1998, 12, 221-223.	5.8	58
12	Evaluation of antibacterial activity of <i>Asparagus racemosus</i> Willd. root. <i>Phytotherapy Research</i> , 2000, 14, 118-119.	5.8	57
13	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
14	Anti-inflammatory evaluation of <i>Ficus racemosa</i> Linn. leaf extract. <i>Journal of Ethnopharmacology</i> , 2000, 72, 87-92.	4.1	51
15	Hepatoprotective activity of <i>Cassia fistula</i> leaf extract. <i>Phytomedicine</i> , 2001, 8, 220-224.	5.3	49
16	Antioxidant activity of polyphenolic extracts of <i>Ichnocarpus frutescens</i> . <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 349-355.	3.8	47
17	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
18	Studies on anti-diarrhoeal activity of <i>Ficus hispida</i> . Leaf extract in rats. <i>FITOTERAPY</i> , 2002, 73, 663-667.	2.2	42

#	ARTICLE	IF	CITATIONS
19	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
20	Studies on psychopharmacological activity of <i>Andrographis paniculata</i> extract. <i>Phytotherapy Research</i> , 2001, 15, 253-256.	5.8	40
21	Swietenine: A potential oral hypoglycemic from <i>Swietenia macrophylla</i> seed. <i>Fitoterapia</i> , 2009, 80, 249-251.	2.2	40
22	Hepatoprotective activity of <i>Ficus racemosa</i> leaf extract on liver damage caused by carbon tetrachloride in rats. , 1999, 13, 430-432.		38
23	Effect of <i>Ocimum sanctum</i> roots extract on swimming performance in mice. , 2000, 14, 120-121.		38
24	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
25	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
26	Studies on antibacterial activity of <i>Ficus racemosa</i> Linn. leaf extract. <i>Phytotherapy Research</i> , 2000, 14, 278-280.	5.8	36
27	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
28	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
29	Antibacterial activity of <i>Litsea glutinosa</i> bark. <i>Fitoterapia</i> , 2000, 71, 439-441.	2.2	32
30	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
31	Azadiradione ameliorates polyglutamine expansion disease in <i>Drosophila</i> by potentiating DNA binding activity of heat shock factor 1. <i>Oncotarget</i> , 2016, 7, 78281-78296.	1.8	28
32	Studies on the antiinflammatory activity of <i>Betula alnoides</i> bark. <i>Phytotherapy Research</i> , 2002, 16, 669-671.	5.8	27
33	Antidiabetic effects of isolated sterols from <i>Ficus racemosa</i> leaves. <i>RSC Advances</i> , 2015, 5, 35230-35237.	3.6	27
34	Design of Experiment Approach for the Process Optimisation of Microwave Assisted Extraction of Lupeol from <i>Ficus racemosa</i> Leaves Using Response Surface Methodology. <i>Phytochemical Analysis</i> , 2013, 24, 230-247.	2.4	26
35	A Brief Understanding of Process Optimisation in Microwave Assisted Extraction of Botanical Materials: Options and Opportunities with Chemometric Tools. <i>Phytochemical Analysis</i> , 2014, 25, 1-12.	2.4	25
36	Evaluation of antipyretic potential of <i>Clitoria ternatea</i> L. extract in rats. <i>Phytomedicine</i> , 2004, 11, 323-326.	5.3	22

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Azadiradione Restores Protein Quality Control and Ameliorates the Disease Pathogenesis in a Mouse Model of Huntington's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 6337-6346.	4.0	22
40	Potential of <i>Moringa oleifera</i> root and <i>Citrus sinensis</i> fruit rind extracts in the treatment of ulcerative colitis in mice. <i>Pharmaceutical Biology</i> , 2012, 50, 1297-1302.	2.9	21
41	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
42	Polyphenolic Extract of <i>Chenocarpus frutescens</i> Attenuates Diabetic Complications in Streptozotocin-Treated Diabetic Rats. <i>Renal Failure</i> , 2008, 30, 307-322.	2.1	20
43	Inhibition of Selective Adhesion Molecules in Treatment of Inflammatory Bowel Disease. <i>International Reviews of Immunology</i> , 2012, 31, 410-427.	3.3	20
44	Reconstituted mother tinctures of <i>Gelsemium sempervirens</i> L. improve memory and cognitive impairment in mice scopolamine-induced dementia model. <i>Journal of Ethnopharmacology</i> , 2015, 159, 274-284.	4.1	20
45	A comparative study on hypocholesterolaemic effect of allicin, whole germinated seeds of bengal gram and guggulipid of gum gugglu. , 2000, 14, 200-202.		19
46	Advances in Herbal Medicine for Treatment of Ischemic Brain Injury. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	18
47	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
48	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
49	Pharmacological Property of Pentacyclic Triterpenoids. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.2	16
50	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
51	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
52	Andrographolide upregulates protein quality control mechanisms in cell and mouse through upregulation of mTORC1 function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129885.	2.4	15
53	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
54	Total steroid and terpenoid enriched fraction from <i>Euphorbia neriifolia</i> Linn offers protection against nociceptive-pain, inflammation, and in vitro arthritis model: An insight of mechanistic study. <i>International Immunopharmacology</i> , 2016, 41, 106-115.	3.8	14

#	ARTICLE	IF	CITATIONS
55	Mechanisms and Efficacy of Immunobiologic Therapies for Inflammatory Bowel Diseases. <i>International Reviews of Immunology</i> , 2010, 29, 4-37.	3.3	13
56	Hypoglycaemic activity of <i>Leucas lavandulaefolia</i> Rees. in streptozotocin-induced diabetic rats. <i>Phytotherapy Research</i> , 1997, 11, 463-466.	5.8	12
57	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
58	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
59	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
60	Attenuation of nociceptive pain and inflammatory disorders by total steroid and terpenoid fraction of <i>Euphorbia tirucalli</i> Linn root in experimental in vitro and in vivo model. <i>Inflammopharmacology</i> , 2018, 26, 235-250.	3.9	12
61	Interfacial interactions and properties of cellular structured polyurethane nanocomposite based on carbonaceous nano-fillers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49775.	2.6	12
62	Antitumor activity of polyphenolic extract of <i>Ichnocarpus frutescens</i> . <i>Experimental Oncology</i> , 2007, 29, 94-101.	0.1	12
63	In vitro and in vivo 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
64	HPTLC evaluation of oleanolic acid and ursolic acid from the methanol extract of <i>Wattakaka volubilis</i> . <i>Journal of Acute Disease</i> , 2014, 3, 59-61.	0.3	11
65	Chronic Inflammatory Diseases: Progress and Prospect with Herbal Medicine. <i>Current Pharmaceutical Design</i> , 2015, 22, 247-264.	1.9	11
66	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
67	<i>Ichnocarpus frutescens</i> (L.) R. Br. root derived phyto-steroids defends inflammation and algisia by pulling down the pro-inflammatory and nociceptive pain mediators: An in-vitro and in-vivo appraisal. <i>Steroids</i> , 2018, 139, 18-27.	1.8	9
68	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
69	Compounds of Natural Origin and Acupuncture for the Treatment of Diseases Caused by Estrogen Deficiency. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2016, 9, 109-117.	0.7	8
70	In search of suitable extraction technique for large scale commercial production of bioactive fraction for the treatment of diabetes: The case <i>Diospyros melanoxylon</i> Roxb.. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 106-118.	2.7	8
71	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
72	Studies on the mechanical, thermal, and morphological properties of poly(ether ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (ketone) with theoretical predictive models. <i>Journal of Applied Polymer Science</i> , 2012, 126, 724-733.	2.6	7

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Possible fasciocidal activity of methanol extract of <i>Dregea volubilis</i> leaves. <i>Experimental Parasitology</i> , 2013, 135, 183-187.	1.2	6
76	Serum Biochemical, Histopathology and SEM Analyses of the Effects of the Indian Traditional Herb <i>Wattakaka Volubilis</i> Leaf Extract on Wistar Male Rats. <i>Journal of Pharmacopuncture</i> , 2014, 17, 13-19.	1.1	6
77	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
78	Evaluation of antitussive potential of <i>flonidium suffruticosam</i> Ging. (Violaceae) extract in albino mice. <i>Phytotherapy Research</i> , 2003, 17, 838-839.	5.8	5
79	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
80	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
81	Natural Compounds against Flaviviral Infections. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.5	5
82	Modernization of Ayurveda: A Brief Overview of Indian Initiatives. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	5
83	Preclinical and Clinical Trials of Indian Medicinal Plants in Disease Control. , 2020, , 119-142.		5
84	A critical biochemical assessment on the antihyperglycemic activity of aqueous fraction of <i>Wattakaka volubilis</i> supported by antioxidant defense. <i>Oriental Pharmacy and Experimental Medicine</i> , 2014, 14, 15-24.	1.2	4
85	Potential of the plant <i>Thespesia populnea</i> in the treatment of ulcerative colitis. <i>Pharmaceutical Biology</i> , 2015, 53, 1379-1385.	2.9	4
86	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
87	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
88	In vitro antioxidant and antidiabetic properties of petroleum ether extract of <i>Wattakaka Volubilis</i> and their potential phytomarkers for insilico computational of biological parameters optimization by using the molecular docking program AutoDock 4. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 103-111.	1.2	2
89	Hepatoprotective activity of methanol extract of <i>Litsea glutinosa</i> against hepatotoxin induced toxicity. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 139-146.	1.2	2
90	Biological Parameters for Evaluating the Toxic Potency of Petroleum Ether Extract of <i>Wattakaka volubilis</i> in Wistar Female Rats. <i>Journal of Pharmacopuncture</i> , 2014, 17, 7-15.	1.1	2

#	ARTICLE	IF	CITATIONS
91	Innovative Extraction Process Design and Optimization Using Design of Experimental Approach. , 2015, , 137-163.		1
92	Computational Optimization of Bioanalytical Parameters for the Evaluation of the Toxicity of the Phytomarker 1,4 Napthoquinone and its Metabolite 1,2,4-trihydroxynaphthalene. Journal of Pharmacopuncture, 2015, 18, 7-18.	1.1	1
93	Role of Modifier in Microwave Assisted Extraction of Oleanolic Acid from <i>Gymnema sylvestre</i> : Application of Green Extraction Technology for Botanicals. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	0
94	Triterpenoid from the extract of <i>Mangifera indica</i> L. roots having Antispermogenic activity. Oriental Journal of Chemistry, 2015, 31, 479-481.	0.3	0
95	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
96	Glycoside from <i>Tephrosia purpurea</i> Roots in the Treatment of Ulcerative Colitis. Pharmacologia, 2014, 5, 310-315.	0.3	0
97	Phytopharmacology of herbal biomolecules. , 2022, , 101-119.		0