

# Sumitra Chanda

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,510  
citations

331670

21  
h-index

330143

37  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of silver nanoparticles from marigold flower and its synergistic antimicrobial potential. <i>Arabian Journal of Chemistry</i> , 2015, 8, 732-741.	4.9	254
2	Characterization, antifungal and cytotoxic evaluation of green synthesized zinc oxide nanoparticles using <i>Ziziphus nummularia</i> leaf extract. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1751-1761.	2.8	104
3	In vitro antibacterial activity of the crude methanol extract of <i>Woodfordia fruticosa</i> Kurz. flower (Lythraceae). <i>Brazilian Journal of Microbiology</i> , 2007, 38, 204-207.	2.0	102
4	Antimicrobial activity of <i>Terminalia catappa</i> , <i>Manilkara zapota</i> and <i>Piper betel</i> leaf extract. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 390.	1.0	84
5	Synthesis and characterization of silver nanoparticles using <i>Caesalpinia pulcherrima</i> flower extract and assessment of their <i>in vitro</i> antimicrobial, antioxidant, cytotoxic, and genotoxic activities. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1556-1567.	2.8	78
6	Facile green synthesis of silver nanoparticles using <i>Mangifera indica</i> seed aqueous extract and its antimicrobial, antioxidant and cytotoxic potential (3-in-1 system). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 292-302.	2.8	57
7	Characterization, synergistic antibacterial and free radical scavenging efficacy of silver nanoparticles synthesized using <i>Cassia roxburghii</i> leaf extract. <i>Journal of Genetic Engineering and Biotechnology</i> , 2017, 15, 505-513.	3.3	55
8	In-vitro antimicrobial activity of <i>Psidium guajava</i> l. leaf extracts against clinically important pathogenic microbial strains. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 452-458.	2.0	52
9	Biosynthesis of silver nanoparticles formation from <i>Caesalpinia pulcherrima</i> stem metabolites and their broad spectrum biological activities. <i>Journal of Genetic Engineering and Biotechnology</i> , 2018, 16, 105-113.	3.3	46
10	Assessment of effect of hydroalcoholic and decoction methods on extraction of antioxidants from selected Indian medicinal plants. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 195-202.	1.2	45
11	Antimicrobial, antioxidant and anticancer activities of gold nanoparticles green synthesized using <i>Mangifera indica</i> seed aqueous extract. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1315-1325.	2.8	41
12	Antioxidative and antibacterial effects of seeds and fruit rind of nutraceutical plants belonging to the Fabaceae family. <i>Food and Function</i> , 2010, 1, 308.	4.6	40
13	Evaluation of antioxidant and antimicrobial properties of <i>Manilkara zapota</i> L. (chiku) leaves by sequential soxhlet extraction method. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1526-S1533.	1.2	35
14	EVALUATION OF ANTIOXIDANT AND ANTIMICROBIAL CAPACITY OF <i>SYZYGIUM CUMINIL</i> . LEAVES EXTRACTED SEQUENTIALLY IN DIFFERENT SOLVENTS. <i>Journal of Food Biochemistry</i> , 2013, 37, 168-176.	2.9	33
15	Green Synthesis of Silver Nanoparticles from <i>Caesalpinia pulcherrima</i> Leaf Extract and Evaluation of Their Antimicrobial, Cytotoxic and Genotoxic Potential (3-in-1 System). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3920-3932.	3.7	33
16	In vitro interaction of certain antimicrobial agents in combination with plant extracts against some pathogenic bacterial strains. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S876-S880.	1.2	32
17	Brine shrimp cytotoxicity of <i>Caesalpinia pulcherrima</i> aerial parts, antimicrobial activity and characterisation of isolated active fractions. <i>Natural Product Research</i> , 2011, 25, 1955-1964.	1.8	30
18	Protective effect of <i>Polyalthia longifolia</i> var. <i>pendula</i> leaves on ethanol and ethanol/HCl induced ulcer in rats and its antimicrobial potency. <i>Asian Pacific Journal of Tropical Medicine</i> , 2011, 4, 673-679.	0.8	29

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19	Anticandidal Activity of <i>Punica granatum</i> . Exhibited in Different Solvents. <i>Pharmaceutical Biology</i> , 2005, 43, 21-25.	2.9	25
20	Pharmacognostic, Physicochemical and Phytochemical Investigation of <i>Mangifera indica</i> L. var. Kesar leaf. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S680-S684.	1.2	23
21	Effect of pH on Size and Antibacterial Activity of <i>Salvadora oleoides</i> Leaf Extract-Mediated Synthesis of Zinc Oxide Nanoparticles. <i>BioNanoScience</i> , 2017, 7, 40-49.	3.5	23
22	Inhibition of microbial pathogens using fruit and vegetable peel extracts. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 733-739.	2.8	22
23	Phytochemical and Pharmacognostic Evaluation of Leaves of <i>Psidium guajava</i> L. (Myrtaceae). <i>Pharmacognosy Journal</i> , 2011, 3, 41-45.	0.8	20
24	<i>Peltoporum pterocarpum</i> Flower-Mediated Synthesis, Characterization, Antimicrobial and Cytotoxic Activities of ZnO Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 3393-3401.	3.0	19
25	Antimicrobial Activity of <i>Polyalthia longifolia</i> (Sonn.) Thw. var. <i>Pendula</i> Leaf Extracts Against 91 Clinically Important Pathogenic Microbial Strains. <i>Chinese Medicine</i> , 2010, 01, 31-38.	0.3	18
26	Indian medicinal herb: Antimicrobial efficacy of <i>Mesua ferrea</i> L. seed extracted in different solvents against infection causing pathogenic strains. <i>Journal of Acute Disease</i> , 2013, 2, 277-281.	0.3	17
27	Antimicrobial Activity of <i>Terminalia catappa</i> L. Leaf Extracts against Some Clinically Important Pathogenic Microbial Strains. <i>Chinese Medicine</i> , 2011, 02, 171-177.	0.3	17
28	<i>Caesalpinia crista</i> Seeds Mediated Green Synthesis of Zinc Oxide Nanoparticles for Antibacterial, Antioxidant, and Anticancer Activities. <i>BioNanoScience</i> , 2022, 12, 451-462.	3.5	17
29	Antioxidant and Anticancer Activities of Gold Nanoparticles Synthesized Using Aqueous Leaf Extract of <i>Ziziphus nummularia</i> . <i>BioNanoScience</i> , 2021, 11, 281-294.	3.5	16
30	Evaluation of Antioxidant Properties of Some Indian Vegetable and Fruit Peels by Decoction Extraction Method. <i>American Journal of Food Technology</i> , 2013, 8, 173-182.	0.2	14
31	Pharmacognostic Studies and Physicochemical Properties of the <i>Polyalthia longifolia</i> var. <i>pendula</i> Leaf. <i>Pharmacognosy Journal</i> , 2010, 2, 572-576.	0.8	13
32	Protective effect of <i>Woodfordia fruticosa</i> flowers against acetaminophen-induced hepatic toxicity in rats. <i>Pharmaceutical Biology</i> , 2011, 49, 826-832.	2.9	13
33	Synthesis of silver nanoparticles using <i>Ziziphus nummularia</i> leaf extract and evaluation of their antimicrobial, antioxidant, cytotoxic and genotoxic potential (4-in-1 system). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 354-366.	2.8	13
34	Synergistic Antimicrobial and Cytotoxic Potential of Zinc Oxide Nanoparticles Synthesized Using <i>Cassia auriculata</i> Leaf Extract. <i>BioNanoScience</i> , 2018, 8, 196-206.	3.5	12
35	Comparative Study of Hydroalcoholic Extracts of <i>Momordica charantia</i> L. against Foodborne Pathogens. <i>Indian Journal of Pharmaceutical Sciences</i> , 2014, 76, 148-56.	1.0	12
36	Pharmacognostic studies on the leaves of <i>Manilkara zapota</i> L. (Sapotaceae). <i>Pharmacognosy Journal</i> , 2012, 4, 38-41.	0.8	11

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37	Synthesis, characterization and antibacterial screening of some Schiff bases derived from pyrazole and 4-amino antipyrine. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2016, 45, 201.	0.1	10
38	Assessment of quality of <i>Manilkara hexandra</i> (Roxb.) Dubard leaf (Sapotaceae): Pharmacognostical and Physicochemical profile. <i>Pharmacognosy Journal</i> , 2010, 2, 520-524.	0.8	8
39	Pharmacognostic and Physicochemical study of <i>Punica granatum</i> L. leaf. <i>Pharmacognosy Journal</i> , 2011, 3, 29-32.	0.8	7
40	Evaluation of Antimicrobial Activity of <i>Terminalia chebula</i> Retz. Fruit in Different Solvents. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2008, 13, 107-116.	1.1	6
41	Evaluation of <i>in Vitro</i> Antioxidant Properties of Solvent Extracts of Selected Medicinal Plants and Their Synergistic Efficacy. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2018, 24, 15-27.	1.1	6
42	Comparative Assessment of Antioxidant Activity and Phytochemical Analysis of Facultative Halophyte <i>Salvadora oleoides</i> Decne. and <i>Salvadora persica</i> L.. <i>American Journal of Biochemistry and Molecular Biology</i> , 2017, 7, 102-110.	0.6	6
43	Synthesis and Antibacterial Studies of Some Metal Chelates of 1,2,4-triazole Schiff Bases. <i>Pharmaceutical Chemistry Journal</i> , 2015, 48, 795-799.	0.8	5
44	Screening of Anticancer Properties of some Medicinal Plants - Review. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 1348-1362.	0.1	3
45	Best from Waste: Therapeutic Potential of Plant Waste (Seeds, Peels, Flowers). <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 2670-2696.	0.1	3
46	Mini Review: Screening of Antioxidant Properties of Some Medicinal Plants. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1