Suchandra Chatterjee

List of Publications by Year
in descending order

16	305	933447 10	1058476 14
papers	citations	h-index	g-index

16	16	16	465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Supramolecular Approach for Enhanced Antibacterial Activity and Extended Shelf-life of Fluoroquinolone Drugs with Cucurbit[7]uril. Scientific Reports, 2018, 8, 13925.	3.3	48
2	Supramolecular Nanorods of (N-Methylpyridyl) Porphyrin With Captisol: Effective Photosensitizer for Anti-bacterial and Anti-tumor Activities. Frontiers in Chemistry, 2019, 7, 452.	3.6	38
3	Stability of Lipid Constituents in Radiation Processed Fenugreek Seeds and Turmeric: Role of Phenolic Antioxidants. Journal of Agricultural and Food Chemistry, 2009, 57, 9226-9233.	5.2	37
4	Effect of post harvest radiation processing and storage on the volatile oil composition and glucosinolate profile of cabbage. Food Chemistry, 2014, 151, 22-30.	8.2	34
5	Genomicsâ€Driven Discovery of the Gliovirin Biosynthesis Gene Cluster in the Plant Beneficial Fungus Trichoderma Virens. ChemistrySelect, 2017, 2, 3347-3352.	1.5	32
6	Activity guided characterization of antioxidant components from essential oil of Nutmeg (Myristica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	30
7	Shelf life extension of minimally processed ready-to-cook (RTC) cabbage by gamma irradiation. Journal of Food Science and Technology, 2016, 53, 233-244.	2.8	16
8	Role of surfactant derived intermediates in the efficacy and mechanism for radiation chemical degradation of a hydrophobic azo dye, 1-phenylazo-2-naphthol. Journal of Hazardous Materials, 2015, 298, 19-27.	12.4	14
9	A dedicated glyceraldehyde-3-phosphate dehydrogenase is involved in the biosynthesis of volatile sesquiterpenes in Trichoderma virensâ€"evidence for the role of a fungal GAPDH in secondary metabolism. Current Genetics, 2019, 65, 243-252.	1.7	14
10	Natural Predominance of Abscisic Acid in Pongammia pinnata (â€œKaranjâ€) Honey Contributed to its Strong Antimutagenicity. Journal of Agricultural and Food Chemistry, 2017, 65, 4624-4633.	5.2	11
11	Synthesis of Biodegradable Films Using Gamma Irradiation from Fish Waste. Waste and Biomass Valorization, 2021, 12, 2247-2257.	3.4	10
12	Supramolecular interaction of sanguinarine dye with sulfobutylether-Î²-cyclodextrin: modulation of the photophysical properties and antibacterial activity. RSC Advances, 2020, 10, 25370-25378.	3.6	8
13	Purification and Characterization of the Principal Antimutagenic Bioactive as Ethoxy-Substituted Phylloquinone from Spinach (Spinacea oleracea L.) Based on Evaluation in Models Including Human Lymphoblast TK^{+/â€“} Cells. Journal of Agricultural and Food Chemistry, 2016, 64, 8773-8782.	5.2	7
14	Radiation processing: An effective quality control tool for hygienization and extending shelf life of a herbal formulation, Amritamehari churnam. Journal of Radiation Research and Applied Sciences, 2016, 9, 86-95.	1.2	6
15	From Reduction to Oxidation: pH Controlled Reaction of 1 Hydroxyethyl Radical with Caffeic Acid Analogues.. Current Physical Chemistry, 2021, 11, .	0.2	0
16	Identification of GTP Binding Nuclear Protein Ran as an Upregulation Target in Acetoin Glucoside Mediated Plant Growth Enhancement. Natural Products Journal, 2017, 7, .	0.3	0