

Swati Sood

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,374
citations

430874

18
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly effective Fe-doped TiO ₂ nanoparticles photocatalysts for visible-light driven photocatalytic degradation of toxic organic compounds. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 213-223.	9.4	248
2	Bi ³⁺ -Bi ₂ O ₃ nanorods: An efficient sunlight active photocatalyst for degradation of Rhodamine B and 2,4,6-trichlorophenol. <i>Ceramics International</i> , 2015, 41, 3355-3364.	4.8	149
3	Bi ₂ O ₃ /TiO ₂ heterostructures: Synthesis, characterization and their application in solar light mediated photocatalyzed degradation of an antibiotic, ofloxacin. <i>Chemical Engineering Journal</i> , 2016, 290, 45-52.	12.7	144
4	Photocatalytic degradation of Eriochrome Black T dye using well-crystalline anatase TiO ₂ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 581, 392-397.	5.5	123
5	The visible light-driven photocatalytic degradation of Alizarin red S using Bi-doped TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3127-3136.	2.8	107
6	Photocatalytic degradation of the antibiotic levofloxacin using highly crystalline TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 2014, 38, 3220-3226.	2.8	93
7	TiO ₂ quantum dots for the photocatalytic degradation of indigo carmine dye. <i>Journal of Alloys and Compounds</i> , 2015, 650, 193-198.	5.5	83
8	Efficient photocatalytic degradation of brilliant green using Sr-doped TiO ₂ nanoparticles. <i>Ceramics International</i> , 2015, 41, 3533-3540.	4.8	81
9	Effect of diurnal variability and storage conditions on essential oil content and quality of damask rose (<i>Rosa damascena</i> Mill.) flowers in north western Himalayas. <i>Scientia Horticulturae</i> , 2013, 154, 102-108.	3.6	44
10	Bismuth sulfide (Bi ₂ S ₃) nanotubes decorated TiO ₂ nanoparticles heterojunction assembly for enhanced solar light driven photocatalytic activity. <i>Ceramics International</i> , 2016, 42, 17551-17557.	4.8	43
11	Microwave-Assisted Efficient Extraction and Stability of Juglone in Different Solvents from <i>Juglans regia</i> : Quantification of Six Phenolic Constituents by Validated RP-HPLC and Evaluation of Antimicrobial Activity. <i>Analytical Letters</i> , 2009, 42, 2592-2609.	1.8	29
12	Significance of CD133 positive cells in four novel HPV-16 positive cervical cancer-derived cell lines and biopsies of invasive cervical cancer. <i>BMC Cancer</i> , 2018, 18, 357.	2.6	28
13	Methylenetetrahydrofolate reductase gene polymorphisms: association with risk for pediatric acute lymphoblastic leukemia in north Indians. <i>Leukemia and Lymphoma</i> , 2010, 51, 928-932.	1.3	26
14	Agronomic interventions for the improvement of essential oil content and composition of damask rose (<i>Rosa damascena</i> Mill.) under western Himalayas. <i>Industrial Crops and Products</i> , 2013, 48, 171-177.	5.2	25
15	Synthesis and SAR investigation of natural phenylpropene-derived methoxylated cinnamaldehydes and their novel Schiff bases as potent antimicrobial and antioxidant agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 5129-5140.	2.4	23
16	Rapid Growth of TiO ₂ Nanoflowers via Low-Temperature Solution Process: Photovoltaic and Sensing Applications. <i>Materials</i> , 2019, 12, 566.	2.9	22
17	Evaluation of several <i>Rosa damascena</i> varieties and <i>Rosa bourboniana</i> accession for essential oil content and composition in western Himalayas. <i>Journal of Essential Oil Research</i> , 2014, 26, 147-152.	2.7	20
18	Alterations in gene promoter methylation and transcript expression induced by cisplatin in comparison to 5-Azacytidine in HeLa and SiHa cervical cancer cell lines. <i>Molecular and Cellular Biochemistry</i> , 2015, 404, 181-191.	3.1	18

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19	Antifungal Sesquiterpenes from <i>Cedrus deodara</i> . <i>Planta Medica</i> , 2012, 78, 186-188.	1.3	16
20	Secretory cell outgrowths, p53 signatures, and serous tubal intraepithelial carcinoma in the fallopian tubes of patients with sporadic pelvic serous carcinoma. <i>Indian Journal of Pathology and Microbiology</i> , 2016, 59, 481.	0.2	15
21	Variation in Essential Oil Content and Composition of Damask Rose (<i>Rosa damascena</i> Mill) Flowers by Salt Application Under Mid Hills of the Western Himalayas. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 297-306.	1.9	13
22	Chemoradiation therapy induces in vivo changes in gene promoter methylation & gene transcript expression in patients with invasive cervical cancer. <i>Indian Journal of Medical Research</i> , 2018, 147, 151.	1.0	10
23	Effect of manures and inorganic fertilizers on growth, yield, and essential oil of damask rose (<i>Rosa damascena</i> Mill.) and chemical properties of soil in western Himalayas. <i>Journal of Plant Nutrition</i> , 2017, 40, 1604-1615.	1.9	8
24	Single-nucleotide polymorphism and haplotype analysis of macrophage migration inhibitory factor gene and its correlation with serum macrophage migration inhibitory factor levels in North Indian psoriatic patients with moderate disease severity: A cross-sectional study. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2021, 89, 247-253.	0.6	6