Om Vir Singh

List of Publications by Year
in descending order

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49 papers	4,210 citations	279701 23 h-index	233338 45 g-index
49 all docs	49 docs citations	49 times ranked	6075 citing authors

#	Article	IF	Citations
1	Extracellular Synthesis and Characterization of Silver Nanoparticles from Alkaliphilic Pseudomonas sp.. Journal of Nanoscience and Nanotechnology, 2020, 20, 1567-1577.	0.9	2
2	Morphological characterization of ber germplasm. Indian Journal of Horticulture, 2019, 76, 219.	0.1	2
3	Microbial occurrence and antibiotic resistance in ready-to-go food items. Journal of Food Science and Technology, 2018, 55, 2600-2609.	1.4	9
4	Uptake and translocation of sulfamethazine by alfalfa grown under hydroponic conditions. Journal of Environmental Sciences, 2017, 53, 217-223.	3.2	21
5	Antibiotrophs: The complexity of antibiotic-subsisting and antibiotic-resistant microorganisms. Critical Reviews in Microbiology, 2016, 42, 17-30.	2.7	32
6	Human microbiome versus food-borne pathogens: friend or foe. Applied Microbiology and Biotechnology, 2016, 100, 4845-4863.	1.7	19
7	Bio-economics of melanin biosynthesis using electromagnetic field resistant Streptomyces sp.-EF1 isolated from cave soil. Annals of Microbiology, 2015, 65, 1573-1582.	1.1	3
8	Synthetic immunosurveillance systems: Nanodevices to monitor physiological events. Biosensors and Bioelectronics, 2014, 61, 152-164.	5.3	0
9	The Warburg effect: Insights from the past decade. , 2013, 137, 318-330.		190
10	Detoxification of Lignocellulose Hydrolysates: Biochemical and Metabolic Engineering Toward White Biotechnology. Bioenergy Research, 2013, 6, 388-401.	2.2	174
11	Radiation-resistant extremophiles and their potential in biotechnology and therapeutics. Applied Microbiology and Biotechnology, 2013, 97, 993-1004.	1.7	120
12	Ultravioletâ€radiationâ€resistant isolates revealed celluloseâ€degrading species of Cellulosimicrobium cellulans (<scp>UVP</scp>1) and Bacillus pumilus (<scp>UVP</scp>4). Biotechnology and Applied Biochemistry, 2012, 59, 395-404.	1.4	17
13	Emergence of antibiotic-resistant extremophiles (AREs). Extremophiles, 2012, 16, 697-713.	0.9	12
14	Two-Dimensional Gel Electrophoresis: Discovering Neuropathic Pain-Associated Synaptic Biomarkers in Spinal Cord Dorsal Horn. Methods in Molecular Biology, 2012, 851, 47-63.	0.4	4
15	Extremophiles: radiation resistance microbial reserves and therapeutic implications. Journal of Applied Microbiology, 2011, 110, 851-861.	1.4	98
16	Bioconversion of Saccharum spontaneum (wild sugarcane) hemicellulosic hydrolysate into ethanol by mono and co-cultures of Pichia stipitis NCIM3498 and thermotolerant Saccharomyces cerevisiae-VS3. New Biotechnology, 2011, 28, 593-599.	2.4	41
17	Weedy lignocellulosic feedstock and microbial metabolic engineering: advancing the generation of â€˜Biofuelâ€™. Applied Microbiology and Biotechnology, 2011, 89, 1289-1303.	1.7	145
18	Using Genomics to Develop Novel Antibacterial Therapeutics. Critical Reviews in Microbiology, 2010, 36, 340-348.	2.7	10

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19	Proteomics: a strategy to understand the novel targets in protein misfolding and cancer therapy. Expert Review of Proteomics, 2010, 7, 613-623.	1.3	27
20	Diallyl disulfide causes caspase-dependent apoptosis in human cancer cells through a Bax-triggered mitochondrial pathway. Journal of Nutritional Biochemistry, 2010, 21, 405-412.	1.9	52
21	Applications of proteomic technologies for understanding the premature proteolysis of CFTR. Expert Review of Proteomics, 2010, 7, 473-486.	1.3	4
22	Protein-misfolding diseases and the paradigm of proteomics-based therapeutic targets. Expert Review of Proteomics, 2010, 7, 463-464.	1.3	3
23	Molecular methods in the diagnosis and management of chronic hepatitis B. Expert Review of Molecular Diagnostics, 2010, 10, 921-935.	1.5	18
24	Proteome of synaptosomeâ€associated proteins in spinal cord dorsal horn after peripheral nerve injury. Proteomics, 2009, 9, 1241-1253.	1.3	43
25	Bioconversion of lignocellulosic biomass: biochemical and molecular perspectives. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 377-391.	1.4	962
26	Integrating biological processes to facilitate the generation of â€˜Biofuelâ€™. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 291-292.	1.4	3
27	The realm of penicillin G acylase in Î²-lactam antibiotics. Enzyme and Microbial Technology, 2008, 42, 199-207.	1.6	112
28	High-dimensional biology to comprehend hepatocellular carcinoma. Expert Review of Proteomics, 2008, 5, 45-60.	1.3	23
29	Chemical Rescue of c:workingBhatia,08-augasmbuploadj-elbm0001-0142F508-CFTR Mimics Genetic Repair in Cystic Fibrosis Bronchial Epithelial Cells. Molecular and Cellular Proteomics, 2008, 7, 1099-1110.	2.5	58
30	Bioremediation of Radionuclides: Emerging Technologies. OMICS A Journal of Integrative Biology, 2007, 11, 295-304.	1.0	31
31	Integrating â€œ-Omicsâ€•into Biological Processes and Modeling for Bioremediation. OMICS A Journal of Integrative Biology, 2007, 11, 231-232.	1.0	2
32	Biotechnological production of gluconic acid: future implications. Applied Microbiology and Biotechnology, 2007, 75, 713-722.	1.7	154
33	Pharmacoproteomics of 4-Phenylbutyrate-Treated IB3-1 Cystic Fibrosis Bronchial Epithelial Cells. Journal of Proteome Research, 2006, 5, 562-571.	1.8	54
34	Proteomics and metabolomics: The molecular make-up of toxic aromatic pollutant bioremediation. Proteomics, 2006, 6, 5481-5492.	1.3	73
35	Bioconversion of grape must into modulated gluconic acid production by Aspergillus niger ORS-4.410. Journal of Applied Microbiology, 2006, 100, 1114-1122.	1.4	29
36	Mutagenesis and Analysis of Mold Aspergillus niger for Extracellular Glucose Oxidase Production Using Sugarcane Molasses. Applied Biochemistry and Biotechnology, 2006, 135, 43-58.	1.4	9

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37	Genetically modified crops: success, safety assessment, and public concern. Applied Microbiology and Biotechnology, 2006, 71, 598-607.	1.7	78
38	A microcosm study on bioremediation of p-nitrophenol-contaminated soil using Arthrobacter protophormiae RKJ100. Applied Microbiology and Biotechnology, 2005, 68, 417-424.	1.7	74
39	Evaluation of agro-food byproducts for gluconic acid production by Aspergillus niger ORS-4.410. World Journal of Microbiology and Biotechnology, 2005, 21, 519-524.	1.7	27
40	Phytoremediation: an overview of metallic ion decontamination from soil. Applied Microbiology and Biotechnology, 2003, 61, 405-412.	1.7	335
41	Phytoremediation of toxic aromatic pollutants from soil. Applied Microbiology and Biotechnology, 2003, 63, 128-135.	1.7	145
42	Polycyclic aromatic hydrocarbons: environmental pollution and bioremediation. Trends in Biotechnology, 2002, 20, 243-248.	4.9	952
43	A CONVENIENT METHOD FOR THE SYNTHESIS OF FLAVANONES BY THE SELECTIVE OXIDATION OF FLAVAN-4-OLS WITH HYPERVALENT IODINE. Organic Preparations and Procedures International, 1993, 25, 693-695.	0.6	9
44	Hypervalent iodine oxidation of aryl methyl ketones: A convenient route to methyl Î±-methoxyarylacetatos. Tetrahedron Letters, 1990, 31, 3055-3058.	0.7	17
45	Simultaneous extraction scheme: A method to characterise metal forms in sewage sludge. Environmental Technology (United Kingdom), 1990, 11, 229-238.	1.2	14
46	Mutual Binary Separations of Zinc, Cadmium and Mercury by Extraction with Tribenzylamine from Aqueous Bromide and Iodide Solutions. Analytical Letters, 1976, 9, 921-927.	1.0	2
47	Separation of Mercury(II) as Chloride from Zinc(II), Cadmium(II), Gold(III), and Thallium(III) by Extraction in High-Molecular-Weight Amines. Separation Science, 1975, 10, 359-370.	0.7	1
48	60 Hz beam motion reduction at NSLS UV storage ring. , 0, , .		0
49	The power supply systems for elliptical multipole wigglers. , 0, , .		0