

Santosh Kr Karn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7086766/publications.pdf>

Version: 2024-02-01

39
papers

448
citations

840119

11
h-index

794141

19
g-index

42
all docs

42
docs citations

42
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Pentachlorophenol degradation by <i>Pseudomonas stutzeri</i> CL7 in the secondary sludge of pulp and paper mill. <i>Journal of Environmental Sciences</i> , 2010, 22, 1608-1612.	3.2	47
2	Degradation of pentachlorophenol by <i>Kocuria</i> sp. CL2 isolated from secondary sludge of pulp and paper mill. <i>Biodegradation</i> , 2011, 22, 63-69.	1.5	45
3	Characterization of pentachlorophenol degrading <i>Bacillus</i> strains from secondary pulp-and-paper-industry sludge. <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 609-613.	1.9	42
4	<i>Bacillus</i> sp. Acting as Dual Role for Corrosion Induction and Corrosion Inhibition with Carbon Steel (CS). <i>Frontiers in Microbiology</i> , 2017, 8, 2038.	1.5	36
5	Mushrooms as Potential Sources of Active Metabolites and Medicines. <i>Frontiers in Microbiology</i> , 2022, 13, 837266.	1.5	29
6	Hydrolytic enzyme protease in sludge: Recovery and its application. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 652-661.	1.4	20
7	Insights of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) pandemic: a current review. <i>Biological Procedures Online</i> , 2021, 23, 5.	1.4	20
8	Role of <i>Acinetobacter</i> sp. in arsenite As(III) oxidation and reducing its mobility in soil. <i>Chemistry and Ecology</i> , 2016, 32, 460-471.	0.6	16
9	Bio-transformation and stabilization of arsenic (As) in contaminated soil using arsenic oxidizing bacteria and FeCl ₃ amendment. <i>3 Biotech</i> , 2017, 7, 50.	1.1	15
10	Diagnosis, prevention, and treatment of coronavirus disease: a review. <i>Expert Review of Anti-Infective Therapy</i> , 2022, 20, 243-266.	2.0	14
11	Arsenic (As) contamination: A major risk factor in Xinjiang Uyghur autonomous region of China. <i>Environmental Pollution</i> , 2015, 207, 434-435.	3.7	13
12	Microbial Fabricated Nanosystems: Applications in Drug Delivery and Targeting. <i>Frontiers in Chemistry</i> , 2021, 9, 617353.	1.8	12
13	EXTRACTION OF LIPASE AND PROTEASE AND CHARACTERIZATION OF ACTIVATED SLUDGE FROM PULP AND PAPER INDUSTRY. <i>Preparative Biochemistry and Biotechnology</i> , 2013, 43, 152-162.	1.0	11
14	Degradation of 2,4,6-trichlorophenol by bacteria isolated from secondary sludge of a pulp and paper mill. <i>Journal of General and Applied Microbiology</i> , 2012, 58, 413-420.	0.4	10
15	Biodegradation of phenol by free and immobilized <i>Candida tropicalis</i> NPD1401. <i>African Journal of Biotechnology</i> , 2018, 17, 57-64.	0.3	10
16	Bacterial Oxidation and Stabilization of As(III) in Soil. <i>Environmental Engineering Science</i> , 2017, 34, 158-164.	0.8	9
17	The roles of biomolecules in corrosion induction and inhibition of corrosion: a possible insight. <i>Corrosion Reviews</i> , 2020, 38, 403-421.	1.0	9
18	Corrosion Behavior of Q235 Carbon Steel in Presence of H ₂ S Producing <i>Bacillus</i> sp. and a Consortium of Microbes Isolated from Inner Rust Layer. <i>International Journal of Electrochemical Science</i> , 2017, 12, 2315-2328.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Sludge: next paradigm for enzyme extraction and energy generation. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 105-116.	1.0	8
20	Biotechnique for nitrogen and phosphorus removal: a possible insight. <i>Chemistry and Ecology</i> , 2020, 36, 785-809.	0.6	8
21	Pentachlorophenol Remediation by <i>Enterobacter</i> sp. SG1 Isolated from Industrial Dump Site. <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 388-394.	0.2	7
22	Bioremediation 2,4,6-Trichlorophenol (2,4,6-TCP) by <i>Shigella</i> sp. S2 Isolated from Industrial Dumpsite. <i>Bioremediation Journal</i> , 2013, 17, 71-78.	1.0	6
23	Simultaneous biodegradation of organic (chlorophenols) and inorganic compounds from secondary sludge of pulp and paper mill by <i>Eisenia fetida</i> . <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2015, 4, 53-62.	2.0	6
24	Removal of 2,4,5-Trichlorophenol by bacterial isolates from the secondary sludge of pulp and paper mill. <i>Journal of Basic Microbiology</i> , 2013, 53, 752-757.	1.8	4
25	Modeling of Simultaneous Application of <i>Vibrio</i> sp. (SK1) and Biochar Amendment for Removal of Pentachlorophenol in Soil. <i>Environmental Engineering Science</i> , 2017, 34, 551-561.	0.8	4
26	Evaluation of horizontal gene transfer of catabolic genes and its application in bioremediation. , 2019, , 359-372.		4
27	In-situ remediation of nitrogen and phosphorus of beverage industry by potential strains <i>Bacillus</i> sp. (BK1) and <i>Aspergillus</i> sp. (BK2). <i>Scientific Reports</i> , 2021, 11, 12243.	1.6	4
28	The roles of plankton and neuston microbial organic matter in climate regulation. <i>Journal of Plankton Research</i> , 2021, 43, 801-821.	0.8	4
29	Biominalization of 2,3,4,6-Tetrachlorophenol by <i>Bacillus</i> sp. and <i>Staphylococcus</i> sp. Isolated from Secondary Sludge of Pulp and Paper Mill. <i>Bioremediation Journal</i> , 2014, 18, 93-99.	1.0	3
30	<i>Pseudomonas</i> sp. CL7 from Sludge Removed 2,3,4,6-Tetrachlorophenol <i>in Vivo</i> and <i>in Vitro</i> Condition. <i>Water Environment Research</i> , 2016, 88, 303-307.	1.3	3
31	The Role of Ketone Bodies in Improving Neurological Function and Efficiency. <i>Health Scope</i> , 2020, 9, .	0.4	3
32	Biomonitoring of endosulfan toxicity in human. <i>Biocell</i> , 2022, 46, 1771-1777.	0.4	3
33	Five Objective Optimization Using Naïve & Sorting Genetic Algorithm (NSGA) for Green Microalgae Culture Conditions for Biodiesel Production. <i>Recent Innovations in Chemical Engineering</i> , 2019, 12, 110-121.	0.2	2
34	Plastics and Microplastic: A Major Risk Factor to the Soil, Water and Marine Environments. <i>Current Biotechnology</i> , 2019, 8, 64-67.	0.2	1
35	Biotransformation of As (III) to As (V) and their stabilization in soil with <i>Bacillus</i> sp. XS2 isolated from gold mine tailing of Xinjiang, China. <i>AIMS Environmental Science</i> , 2016, 3, 592-603.	0.7	1
36	Discard Plastic Burning: A Serious Risk Factor in Dehradun, India. <i>International Journal of Health and Life Sciences</i> , 2021, 7, .	0.5	0

#	ARTICLE	IF	CITATIONS
37	Simultaneous application arsenic oxidising bacteria and biochar for the reclamation of arsenic contaminated soil. International Journal of Environment and Waste Management, 2018, 21, 155.	0.2	0
38	Emerging Risk of Cancer River in Western Uttar Pradesh (UP), India. Health Scope, 2018, 7, .	0.4	0
39	Transformation and Stabilization of Lead and Chromium Using Aspergillus sp. and Bio-charcoal Amendment. Health Scope, 2018, In Press, .	0.4	0