Shailesh S Sawant

List of Publications by Year
in descending order

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Version: 2024-02-01

16	546	623574	940416
papers	citations	14 h-index	16 g-index

17	17	17	786
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microorganisms as efficient biosystem for the synthesis of metal nanoparticles: current scenario and future possibilities. World Journal of Microbiology and Biotechnology, 2016, 32, 88.	1.7	84
2	Comparative study of MnO2 nanoparticle synthesis by marine bacterium Saccharophagus degradans and yeast Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2015, 99, 5419-5427.	1.7	71
3	Degradation of corn stover by fungal cellulase cocktail for production of polyhydroxyalkanoates by moderate halophile Paracoccus sp. LL1. Bioresource Technology, 2015, 194, 247-255.	4.8	66
4	Molecular phylogenetic profiling of gutâ€associated bacteria in larvae and adults of flesh flies. Medical and Veterinary Entomology, 2014, 28, 345-354.	0.7	52
5	Bacterial diversity in different regions of gastrointestinal tract of <scp>G</scp>iant <scp>A</scp>frican <scp>S</scp>nail (<scp>A</scp>chatina fulica). MicrobiologyOpen, 2012, 1, 415-426.	1.2	43
6	A rapid, sensitive, simple plate assay for detection of microbial alginate lyase activity. Enzyme and Microbial Technology, 2015, 77, 8-13.	1.6	43
7	Consolidated bioprocessing for production of polyhydroxyalkanotes from red algae Gelidium amansii. International Journal of Biological Macromolecules, 2018, 109, 1012-1018.	3.6	25
8	Rapid biological synthesis of silver nanoparticles using Kalopanax pictus plant extract and their antimicrobial activity. Korean Journal of Chemical Engineering, 2014, 31, 2035-2040.	1.2	22
9	Lignocellulosic and marine biomass as resource for production of polyhydroxyalkanoates. Korean Journal of Chemical Engineering, 2016, 33, 1505-1513.	1.2	22
10	Enhanced Agarose and Xylan Degradation for Production of Polyhydroxyalkanoates by Co-Culture of Marine Bacterium, Saccharophagus degradans and Its Contaminant, Bacillus cereus. Applied Sciences (Switzerland), 2017, 7, 225.	1.3	22
11	Production of polyhydroxyalkanoates by Ralstonia eutropha from volatile fatty acids. Korean Journal of Chemical Engineering, 2013, 30, 2223-2227.	1.2	21
12	Potential of Kalopanax septemlobus Leaf Extract in Synthesis of Silver Nanoparticles for Selective Inhibition of Specific Bacterial Strain in Mixed Culture. Applied Biochemistry and Biotechnology, 2014, 174, 587-601.	1.4	19
13	Potential of Saccharophagus degradans for production of polyhydroxyalkanoates using cellulose. Process Biochemistry, 2017, 57, 50-56.	1.8	18
14	A Laboratory Case Study of Efficient Polyhydoxyalkonates Production by Bacillus cereus, a Contaminant in Saccharophagus degradans ATCC 43961 in Minimal Sea Salt Media. Current Microbiology, 2014, 69, 832-838.	1.0	16
15	Potential of Biosynthesized Silver Nanoparticles as Nanocatalyst for Enhanced Degradation of Cellulose by Cellulase. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	14
16	Enhancement of Antibacterial Effect by Biosynthesized Silver Nanoparticles with Antibiotics. Journal of Nanoscience and Nanotechnology, 2016, 16, 7191-7194.	0.9	8