

Shailesh S Sawant

List of Publications by Year in descending order

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786
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#	ARTICLE	IF	CITATIONS
1	Consolidated bioprocessing for production of polyhydroxyalkanoates from red algae <i>Gelidium amansii</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1012-1018.	3.6	25
2	Potential of <i>Saccharophagus degradans</i> for production of polyhydroxyalkanoates using cellulose. <i>Process Biochemistry</i> , 2017, 57, 50-56.	1.8	18
3	Enhanced Agarose and Xylan Degradation for Production of Polyhydroxyalkanoates by Co-Culture of Marine Bacterium, <i>Saccharophagus degradans</i> and Its Contaminant, <i>Bacillus cereus</i> . <i>Applied Sciences (Switzerland)</i> , 2017, 7, 225.	1.3	22
4	Enhancement of Antibacterial Effect by Biosynthesized Silver Nanoparticles with Antibiotics. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7191-7194.	0.9	8
5	Microorganisms as efficient biosystem for the synthesis of metal nanoparticles: current scenario and future possibilities. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 88.	1.7	84
6	Lignocellulosic and marine biomass as resource for production of polyhydroxyalkanoates. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 1505-1513.	1.2	22
7	Potential of Biosynthesized Silver Nanoparticles as Nanocatalyst for Enhanced Degradation of Cellulose by Cellulase. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	14
8	A rapid, sensitive, simple plate assay for detection of microbial alginate lyase activity. <i>Enzyme and Microbial Technology</i> , 2015, 77, 8-13.	1.6	43
9	Degradation of corn stover by fungal cellulase cocktail for production of polyhydroxyalkanoates by moderate halophile <i>Paracoccus</i> sp. LL1. <i>Bioresource Technology</i> , 2015, 194, 247-255.	4.8	66
10	Comparative study of MnO ₂ nanoparticle synthesis by marine bacterium <i>Saccharophagus degradans</i> and yeast <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5419-5427.	1.7	71
11	A Laboratory Case Study of Efficient Polyhydroxyalkanoates Production by <i>Bacillus cereus</i> , a Contaminant in <i>Saccharophagus degradans</i> ATCC 43961 in Minimal Sea Salt Media. <i>Current Microbiology</i> , 2014, 69, 832-838.	1.0	16
12	Rapid biological synthesis of silver nanoparticles using <i>Kalopanax pictus</i> plant extract and their antimicrobial activity. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2035-2040.	1.2	22
13	Potential of <i>Kalopanax septemlobus</i> Leaf Extract in Synthesis of Silver Nanoparticles for Selective Inhibition of Specific Bacterial Strain in Mixed Culture. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 587-601.	1.4	19
14	Molecular phylogenetic profiling of gut-associated bacteria in larvae and adults of flesh flies. <i>Medical and Veterinary Entomology</i> , 2014, 28, 345-354.	0.7	52
15	Production of polyhydroxyalkanoates by <i>Ralstonia eutropha</i> from volatile fatty acids. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 2223-2227.	1.2	21
16	Bacterial diversity in different regions of gastrointestinal tract of <i>Giant African Snail (Achatina fulica)</i> . <i>MicrobiologyOpen</i> , 2012, 1, 415-426.	1.2	43