

Wan Azlina Ahmad

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

906
citations

759233

12
h-index

642732

23
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26
all docs

26
docs citations

26
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial pigments and their applications. <i>Process Biochemistry</i> , 2013, 48, 1065-1079.	3.7	305
2	Chromium(VI) resistance and removal by <i>Acinetobacter haemolyticus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1085-1093.	3.6	76
3	Production and Characterization of Violacein by Locally Isolated <i>Chromobacterium violaceum</i> Grown in Agricultural Wastes. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1220-1234.	2.9	66
4	Current perspective on bacterial pigments: emerging sustainable compounds with coloring and biological properties for the industry – an incisive evaluation. <i>RSC Advances</i> , 2014, 4, 39523.	3.6	63
5	Synthesis of flexirubin-mediated silver nanoparticles using <i>Chryseobacterium artocarpi</i> CECT 8497 and investigation of its anticancer activity. <i>Materials Science and Engineering C</i> , 2016, 59, 228-234.	7.3	50
6	Violet pigment production from liquid pineapple waste by <i>Chromobacterium violaceum</i> UTM5 and evaluation of its bioactivity. <i>RSC Advances</i> , 2015, 5, 51524-51536.	3.6	46
7	Antibacterial mode of action of violacein from <i>Chromobacterium violaceum</i> UTM5 against <i>Staphylococcus aureus</i> and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Environmental Science and Pollution Research</i> , 2018, 25, 5164-5180.	5.3	45
8	Isolation and characterization of flexirubin type pigment from <i>Chryseobacterium</i> sp. UTM-3T. <i>Biocatalysis and Agricultural Biotechnology</i> , 2014, 3, 103-107.	3.1	42
9	Microencapsulation of flexirubin-type pigment by spray drying: Characterization and antioxidant activity. <i>International Biodeterioration and Biodegradation</i> , 2016, 113, 350-356.	3.9	38
10	Pilot-scale removal of chromium from industrial wastewater using the ChromeBac [®] system. <i>Bioresource Technology</i> , 2010, 101, 4371-4378.	9.6	37
11	<i>Chryseobacterium artocarpi</i> sp. nov., isolated from the rhizosphere soil of <i>Artocarpus integer</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3153-3159.	1.7	35
12	Optimization of culture conditions for flexirubin production by <i>Chryseobacterium artocarpi</i> CECT 8497 using response surface methodology. <i>Acta Biochimica Polonica</i> , 2015, 62, 185-190.	0.5	24
13	Evaluation of the Combined Cr(VI) Removal Capacity of Sawdust and Sawdust-Immobilized <i>Acinetobacter haemolyticus</i> Supplied with Brown Sugar. <i>Water, Air, and Soil Pollution</i> , 2009, 204, 195-203.	2.4	10
14	Cr(VI) Removal Using the Combination of the Cr(VI)-Resistant and Cr(VI)-Reducing Biofilm and the Alum-Polyacrylamide. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	10
15	Organic and Inorganic Matter Removal Using High Polymeric Al13 Containing Polyaluminium Chloride. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	9
16	Bacterial Reduction of Cr(VI): Operational Challenges and Feasibility. <i>Current Pollution Reports</i> , 2021, 7, 115-127.	6.6	9
17	Antioxidant Activity Evaluation of FlexirubinType Pigment from <i>Chryseobacterium artocarpi</i> CECT 8497 and Related Docking Study. <i>Molecules</i> , 2021, 26, 979.	3.8	9
18	Safety evaluation of flexirubin from <i>Chryseobacterium artocarpi</i> CECT 8497: Acute, sub-acute toxicity and mutagenicity studies. <i>Chemical Engineering Research and Design</i> , 2017, 112, 362-370.	5.6	7

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19	Utilisation of Rubber Wood Shavings for the Removal of Cu(II) and Ni(II) from Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1649-1659.	2.4	6
20	Boxâ€œBehnken design optimisation of a green novel nanobio-based reagent for rapid visualisation of latent fingerprints on wet, non-porous substrates. <i>Biotechnology Letters</i> , 2021, 43, 881-898.	2.2	6
21	Hepatoprotective effects of flexirubin, a novel pigment from <i>Chryseobacterium artocarpi</i> , against carbon tetrachloride-induced liver injury: An in vivo study and molecular modeling. <i>Toxicology and Applied Pharmacology</i> , 2022, 444, 116022.	2.8	6
22	Development of formaldehyde detection method using onion juice as chromogenic agent. <i>Desalination and Water Treatment</i> , 2014, 52, 1093-1100.	1.0	3
23	Special section on the Challenges in Environmental Science and Engineering, CESE-2014: 12â€œ16 Oct., Persada Johor International Convention Centre, Johor Bahru, Malaysia. <i>Bioresource Technology</i> , 2015, 190, 429-430.	9.6	1
24	Biosorption of chromium (VI) by chitosan-immobilized <i>Acinetobacter haemolyticus</i> . , 2012, , .		0
25	Microbial Biotransformation and Biomineralization of Organic-Rich Waste. <i>Current Pollution Reports</i> , 0, , 1.	6.6	0