Amjad B Khalil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8717103/publications.pdf

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25	690	567281	580821
papers	citations	15 h-index	25 g-index

25	25	25	974
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extensive use of face masks during COVID-19 pandemic: (micro-)plastic pollution and potential health concerns in the Arabian Peninsula. Saudi Journal of Biological Sciences, 2020, 27, 3181-3186.	3.8	103
2	Synthesis of nano-WO3 and its catalytic activity for enhanced antimicrobial process for water purification using laser induced photo-catalysis. Catalysis Communications, 2009, 11, 214-219.	3.3	80
3	Novel anti-microbial membrane for desalination pretreatment: A silver nanoparticle-doped carbon nanotube membrane. Desalination, 2015, 376, 82-93.	8.2	67
4	Surface-modified reverse osmosis membranes applying a copolymer film to reduce adhesion of bacteria as a strategy for biofouling control. Separation and Purification Technology, 2014, 124, 117-123.	7.9	54
5	Anticorrosion/antifouling properties of bacterial spore-loaded solâ€“gel type coating for mild steel in saline marine condition: a case of thermophilic strain of Bacillus licheniformis. RSC Advances, 2015, 5, 93818-93830.	3.6	38
6	Augmented photocatalytic activity of palladium incorporated ZnO nanoparticles in the disinfection of Escherichia coli microorganism from water. Applied Catalysis A: General, 2011, 402, 162-167.	4.3	36
7	Surface modification of reverse osmosis membranes with zwitterionic coatings: A potential strategy for control of biofouling. Surface and Coatings Technology, 2015, 279, 171-179.	4.8	34
8	Synthesis, Characterization and Applications of Magnetic Iron Oxide Nanostructures. Arabian Journal for Science and Engineering, 2018, 43, 43-61.	3.0	34
9	Synthesis, characterization, and antimicrobial application of nano-palladium-doped nano-WO3. Journal of Molecular Catalysis A, 2010, 323, 78-83.	4.8	32
10	Fast Disinfection ofEscherichia coliBacteria Using Carbon Nanotubes Interaction with Microwave Radiation. Bioinorganic Chemistry and Applications, 2013, 2013, 1-9.	4.1	28
11	Nanostructured ZnO synthesis and its application for effective disinfection of Escherichia coli micro organism in water. Journal of Nanoparticle Research, 2011, 13, 3423-3430.	1.9	24
12	Probing the corrosion inhibiting role of a thermophilic Bacillus licheniformis biofilm on steel in a saline axenic culture. RSC Advances, 2016, 6, 18246-18256.	3.6	23
13	Photo-catalytic deactivation of sulfate reducing bacteria â€“ a comparative study with different catalysts and the preeminence of Pd-loaded WO₃nanoparticles. RSC Advances, 2015, 5, 51399-51406.	3.6	22
14	Insights into Brevibacillus borstelensis AK1 through Whole Genome Sequencing: A Thermophilic Bacterium Isolated from a Hot Spring in Saudi Arabia. BioMed Research International, 2018, 2018, 1-9.	1.9	22
15	Site-directed chemically-modified magnetic enzymes: fabrication, improvements, biotechnological applications and future prospects. Biotechnology Advances, 2019, 37, 357-381.	11.7	18
16	Rapid disinfection of E-Coliform contaminated water using WO3semiconductor catalyst by laser-induced photo-catalytic process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 488-494.	1.7	14
17	Isolation of plasmids present in thermophilic strains from hot springs in Jordan. World Journal of Microbiology and Biotechnology, 2003, 19, 239-241.	3.6	12
18	Antimicrobial Activity of Ethanolic Extracts of Ocimum basilicum leaf from Saudi Arabia. Biotechnology, 2012, 12, 61-64.	0.1	12

#	Article	IF	Citations
19	Laser-induced photocatalytic inactivation of coliform bacteria from water using pd-loaded nano-WO3. Studies in Surface Science and Catalysis, 2010, 175, 279-282.	1.5	11
20	Genome Sequence of Anoxybacillus flavithermus Strain AK1, a Thermophile Isolated from a Hot Spring in Saudi Arabia. Genome Announcements, 2015, 3, .	0.8	7
21	Assessing the Anticorrosion and Antifouling Performances of a Solâ€“Gel Coating Mixed with Corrosion Inhibitors and Immobilised Bacterial Endospores. Arabian Journal for Science and Engineering, 2017, 42, 4327-4338.	3.0	7
22	Novel Anoxybacillus flavithermus AK1: A Thermophile Isolated from a Hot Spring in Saudi Arabia. Arabian Journal for Science and Engineering, 2018, 43, 73-81.	3.0	5
23	Reduction of Escherichia coli bacteria from contaminated water by combining hydrogen peroxide, ozone and ultraviolet light. Water Science and Technology: Water Supply, 2013, 13, 782-789.	2.1	4
24	Genomic comparison of anoxybacillus flavithermus AK1, a thermophilic bacteria, with other strains. Enzyme and Microbial Technology, 2019, 131, 109385.	3.2	2
25	Assessment of the Risk Associated with E. coli Bacterial Intrusion in Drinking Water Distribution Networks. Arabian Journal for Science and Engineering, 2019, 44, 4161-4168.	3.0	1