# Ridha Mosrati

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1710481/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 32 papers | 798 citations | 566801 15 h-index | 525886 27 g-index |
| 32 all docs | 32 docs citations | 32 times ranked | 918 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of genotoxicity and pro-oxidant effect of the azo dyes: Acids yellow 17, violet 7 and orange 52, and of their degradation products by Pseudomonas putida mt-2. Food and Chemical Toxicology, 2007, 45, 1670-1677. | 1.8 | 121 |
| 2 | Comparative Study of Cyperus rotundus Essential Oil by a Modified GC/MS Analysis Method. Evaluation of Its Antioxidant, Cytotoxic, and Apoptotic Effects. Chemistry and Biodiversity, 2008, 5, 729-742. | 1.0 | 80 |
| 3 | Alteration of in vitro and acute in vivo toxicity of textile dyeing wastewater after chemical and biological remediation. Environmental Science and Pollution Research, 2012, 19, 2634-2643. | 2.7 | 64 |
| 4 | Acid violet 7 and its biodegradation products induce chromosome aberrations, lipid peroxidation, and cholinesterase inhibition in mouse bone marrow. Environmental Science and Pollution Research, 2010, 17, 1371-1378. | 2.7 | 57 |
| 5 | Impact of carbon source and variable nitrogen conditions on bacterial biosynthesis of polyhydroxyalkanoates: Evidence of an atypical metabolism inÂBacillus megaterium DSM 509. Journal of Bioscience and Bioengineering, 2013, 116, 302-308. | 1.1 | 57 |
| 6 | Variation and modeling of the probability of plasmid loss as a function of growth rate of plasmid-bearing cells ofEscherichia coli during continuous cultures. Biotechnology and Bioengineering, 1993, 41, 395-404. | 1.7 | 42 |
| 7 | In vitro mutagenicity of Acid Violet 7 and its degradation products by Pseudomonas putida mt-2: Correlation with chemical structures. Environmental Toxicology and Pharmacology, 2009, 27, 231-236. | 2.0 | 39 |
| 8 | In vitro study of DNA damage induced by acid orange 52 and its biodegradation derivatives. Environmental Toxicology and Chemistry, 2009, 28, 489-495. | 2.2 | 37 |
| 9 | Les colorants textiles sources de contamination de lâ€™eauÂ: CRIBLAGE de la toxicitÃ© et des mÃ©thodes de traitement. Revue Des Sciences De L'Eau, 0, 24, 209-238. | 0.2 | 33 |
| 10 | Study of population dynamic for a recombinant bacterium during continuous cultures: Appliction of data filtering and smoothing. Biotechnology and Bioengineering, 1992, 39, 398-407. | 1.7 | 29 |
| 11 | Physiological states and energetic adaptation during growth of Pseudomonas putida mt-2 on glucose. Archives of Microbiology, 2008, 190, 141-150. | 1.0 | 24 |
| 12 | Medium chain length polyhydroxyalkanoates biosynthesis in Pseudomonas putida mt-2 is enhanced by co-metabolism of glycerol/octanoate or fatty acids mixtures. International Journal of Biological Macromolecules, 2017, 98, 430-435. | 3.6 | 22 |
| 13 | Preliminary assessment of Penicillium occitanis cellulase: A further useful system. Enzyme and Microbial Technology, 1994, 16, 538-542. | 1.6 | 20 |
| 14 | Decolorization of Textile Wastewater byPseudomonas putida: Toxicity Assessment. Environmental Engineering Science, 2011, 28, 489-495. | 0.8 | 20 |
| 15 | Bioremediation of industrial pharmaceutical drugs. Drug and Chemical Toxicology, 2012, 35, 235-240. | 1.2 | 19 |
| 16 | Mutagenicity and genotoxicity of acid yellow 17 and its biodegradation products. Drug and Chemical Toxicology, 2009, 32, 222-229. | 1.2 | 18 |
| 17 | Decolorization does not always mean detoxification: case study of a newly isolated Pseudomonas peli for decolorization of textile wastewater. Environmental Science and Pollution Research, 2013, 20, 5790-5796. | 2.7 | 16 |
| 18 | Genotoxic and antibutyrylcholinesterasic activities of acid violet 7 and its biodegradation products. Drug and Chemical Toxicology, 2009, 32, 230-237. | 1.2 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modelling of batch fermentation of a recombinant Escherichia coli producing glyceraldehyde-3-phosphate dehydrogenase on a complex selective medium. The Chemical Engineering Journal, 1993, 52, B35-B48. | 0.4 | 14 |
| 20 | Degradation and detoxification of acid orange 52 by Pseudomonas putida mt-2: a laboratory study. Environmental Science and Pollution Research, 2011, 18, 1527-1535. | 2.7 | 13 |
| 21 | Effects of Mg<sup>2+</sup>, Ca<sup>2+</sup> AND SO<sub>4</sub><sup>2-</sup> ions on the precipitation kinetics and microstructure of aragonite. Annales De Chimie: Science Des Materiaux, 2008, 33, 123-134. | 0.2 | 12 |
| 22 | Influence of the chemical structure on the biodegradability of acids yellow 17, violet 7 and orange 52 byPseudomonas putida. Annals of Microbiology, 2009, 59, 9-15. | 1.1 | 9 |
| 23 | Cytotoxic effect of chlorpyrifos ethyl and its degradation derivatives by Pseudomonas peli strain isolated from the Oued Hamdoun River (Tunisia). Toxicology and Industrial Health, 2016, 32, 707-713. | 0.6 | 6 |
| 24 | Dissolved oxygen level output feedback control based on discrete-time measurements during a Pseudomonas putida mt-2 fermentation. Journal of Process Control, 2019, 79, 29-40. | 1.7 | 6 |
| 25 | New model development for qualitative and quantitative analysis of microbial polyhydroxyalkanoates: A comparison of Fourier Transform Infrared Spectroscopy with Gas Chromatography. Journal of Biotechnology, 2021, 329, 38-48. | 1.9 | 6 |
| 26 | Treatment of Olive Mill Wastewaters by Pseudomonas putida mt-2: Toxicity Assessment of Untreated and Treated Effluent. Environmental Engineering Science, 2011, 28, 835-841. | 0.8 | 4 |
| 27 | Human cell death in relation to DNA damage after exposure to the untreated and biologically treated pharmaceutical wastewater. Environmental Science and Pollution Research, 2013, 20, 3836-3842. | 2.7 | 4 |
| 28 | Acclimated Biomass That Degrades Sulfonated Naphthalene Formaldehyde Condensate. Pakistan Journal of Biological Sciences, 2008, 11, 1588-1593. | 0.2 | 4 |
| 29 | Comet assay with gill cells of Mytilus galloprovincialis end point tools for biomonitoring of water antibiotic contamination. Toxicology and Industrial Health, 2016, 32, 686-693. | 0.6 | 2 |
| 30 | Nonlinear control of dissolved oxygen level for Pseudomonas putida bacterium fermentation. , 2016, , . | | 2 |
| 31 | Optimization of growth conditions for the biosynthesis of medium-chain length polyhydroxyalkanoates from Bacillus megaterium DSM 509: experimental analysis, statistical modelling, and characterization. Biomass Conversion and Biorefinery, 2023, 13, 12249-12264. | 2.9 | 2 |
| 32 | Inhibition of seed germination and seedling growth of Triticum aestivum L. by industrial wastewaters. International Journal of Environmental Technology and Management, 2013, 16, 244. | 0.1 | 1 |