

# Magda Constantã-

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4094106/publications.pdf>

Version: 2024-02-01

32  
papers

1,006  
citations

567144

15  
h-index

434063

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance and Challenges of Biomass as a Suitable Feedstock for Bioenergy and Biochemical Production: A Review. <i>Energies</i> , 2018, 11, 3366.	1.6	260
2	Room temperature biogenic synthesis of multiple nanoparticles (Ag, Pd, Fe, Rh, Ni, Ru, Pt, Co, and Li) by <i>Pseudomonas aeruginosa</i> SM1. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	102
3	Inhibitory effect of sulfur dioxide and other stress compounds in wine on the ATPase activity of <i>Oenococcus oeni</i> . <i>FEMS Microbiology Letters</i> , 2002, 211, 155-159.	0.7	94
4	Dark fermentative hydrogen and ethanol production from biodiesel waste glycerol using a co-culture of <i>Escherichia coli</i> and <i>Enterobacter</i> sp.. <i>Fuel</i> , 2016, 186, 375-384.	3.4	76
5	Study of Some <i>Saccharomyces cerevisiae</i> Strains for Winemaking after Preadaptation at Low Temperatures. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1003-1011.	2.4	47
6	Polysulfone/Vanillin Microcapsules for Antibacterial and Aromatic Finishing of Fabrics. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 9995-10003.	1.8	41
7	Degradation and desulfurization of dibenzothiophene sulfone and other sulfur compounds by <i>Agrobacterium</i> MC501 and a mixed culture. <i>Enzyme and Microbial Technology</i> , 1996, 19, 214-219.	1.6	39
8	Population dynamics of <i>Oenococcus oeni</i> strains in a new winery and the effect of SO <sub>2</sub> and yeast strain. <i>FEMS Microbiology Letters</i> , 2005, 246, 111-117.	0.7	37
9	Biohydrogen Production from Glycerol using <i>Thermotoga</i> spp.. <i>Energy Procedia</i> , 2012, 29, 300-307.	1.8	33
10	Biohydrogen production by dark fermentation of glycerol using <i>Enterobacter</i> and <i>Citrobacter</i> Sp. <i>Biotechnology Progress</i> , 2013, 29, 31-38.	1.3	31
11	Microwave processes: A viable technology for obtaining xylose from walnut shell to produce lactic acid by <i>Bacillus coagulans</i> . <i>Journal of Cleaner Production</i> , 2019, 231, 1171-1181.	4.6	31
12	Biodegradation of MTBE by <i>Achromobacter xylosoxidans</i> MCM1/1 induces synthesis of proteins that may be related to cell survival. <i>Process Biochemistry</i> , 2010, 45, 794-798.	1.8	23
13	Combined heterogeneous catalysis and dark fermentation systems for the conversion of cellulose into biohydrogen. <i>Biochemical Engineering Journal</i> , 2015, 101, 209-219.	1.8	20
14	d-Lactic acid production from cellulose: dilute acid treatment of cellulose assisted by microwave followed by microbial fermentation. <i>Cellulose</i> , 2015, 22, 3089-3098.	2.4	20
15	Biodegradation of fuel oxygenates and their effect on the expression of a newly identified cytochrome P450 gene in <i>Achromobacter xylosoxidans</i> MCM2/2/1. <i>Process Biochemistry</i> , 2014, 49, 124-129.	1.8	17
16	Microwave-assisted condensation of bio-based hydroxymethylfurfural and acetone over recyclable hydrotalcite-related materials. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119599.	10.8	17
17	Impact of cellulose treatment with hydrotalcites in hydrothermal catalytic conversion. <i>Chemical Engineering Science</i> , 2018, 179, 83-91.	1.9	14
18	Recent Impacts of Heterogeneous Catalysis in Biorefineries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 18612-18626.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Genetic changes in mating activity in laboratory strains of <i>Drosophila subobscura</i> . <i>Genetica</i> , 1990, 80, 39-43.	0.5	13
20	Microwave-Assisted Aldol Condensation of Furfural and Acetone over Mg-Al Hydrotalcite-Based Catalysts. <i>Crystals</i> , 2020, 10, 833.	1.0	13
21	Uranium removal from a contaminated effluent using a combined microbial and nanoparticle system. <i>New Biotechnology</i> , 2013, 30, 788-792.	2.4	10
22	Arginine deiminase pathway genes and arginine degradation variability in <i>Oenococcus oeni</i> strains. <i>Folia Microbiologica</i> , 2016, 61, 109-118.	1.1	9
23	Degradation of dibenzothiophene by <i>Pseudomonas putida</i> . <i>Letters in Applied Microbiology</i> , 1994, 18, 107-111.	1.0	9
24	Biodegradation of methyl tert-butyl ether by newly identified soil microorganisms in a simple mineral solution. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 813-821.	1.7	7
25	The effect of BTX compounds on the biodegradation of ETBE by an ETBE degrading bacterial consortium. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1216-1223.	1.4	7
26	Relationship Between a Stress Membrane Protein of <i>Oenococcus oeni</i> and Glyceraldehyde-3-Phosphate Dehydrogenases. <i>Applied Biochemistry and Biotechnology</i> , 2005, 127, 043-052.	1.4	6
27	Interactions of thiophenes and acidophilic, thermophilic bacteria. <i>Applied Biochemistry and Biotechnology</i> , 1992, 34-35, 767-776.	1.4	5
28	Lactic Acid Production from Renewable Feedstock: Fractionation, Hydrolysis, and Fermentation. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700185.	2.7	4
29	Preparation and Characterization of UV-Curable Acrylic Membranes Embedding Natural Antioxidants. <i>Polymers</i> , 2020, 12, 358.	2.0	3
30	Improvement of Biohydrogen and Usable Chemical Products from Glycerol by Co-Culture of <i>Enterobacter spH1</i> and <i>Citrobacter freundii H3</i> Using Different Supports as Surface Immobilization. <i>Fermentation</i> , 2021, 7, 154.	1.4	3
31	Combining catalytical and biological processes to transform cellulose into high value-added products. <i>ChemistrySelect</i> , 2017, 2, .	0.7	1
32	Screenprinted integrated microsystem for the electrochemical detection of <i>Salmonella</i> . <i>New Biotechnology</i> , 2009, 25, S54.	2.4	0