

# Esther Arnaiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4273440/publications.pdf>

Version: 2024-02-01

13  
papers

259  
citations

1305906

8  
h-index

1336881

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogas-based production of glycogen by <i>Nostoc muscorum</i> : Assessing the potential of transforming CO <sub>2</sub> into value added products. <i>Chemosphere</i> , 2021, 275, 129885.	4.2	5
2	Elucidating the influence of environmental factors on biogas-based polyhydroxybutyrate production by <i>Methylocystis hirsuta</i> CSC1. <i>Science of the Total Environment</i> , 2020, 706, 135136.	3.9	16
3	Editorial: Recent advances in pond and algal technologies for wastewater treatment and resource recovery. <i>Water Science and Technology</i> , 2020, 82, iii-iii.	1.2	0
4	Trimethylamine abatement in algal-bacterial photobioreactors. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9028-9037.	2.7	3
5	Biogas-based polyhydroxyalkanoates production by <i>Methylocystis hirsuta</i> : A step further in anaerobic digestion biorefineries. <i>Chemical Engineering Journal</i> , 2018, 333, 529-536.	6.6	87
6	Nitrous Oxide Abatement Coupled with Biopolymer Production As a Model GHG Biorefinery for Cost-Effective Climate Change Mitigation. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6319-6325.	4.6	12
7	Optimisation of the Supercritical Fluid Extraction of Antioxidants from Broccoli Leaves. <i>Food Analytical Methods</i> , 2016, 9, 2174-2181.	1.3	17
8	Determination of Volatiles in Mouse Urine by Headspace Solid Phase Microextraction and Gas Chromatography-Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 721-729.	1.0	5
9	Supercritical fluid extraction of free amino acids from broccoli leaves. <i>Journal of Chromatography A</i> , 2012, 1250, 49-53.	1.8	37
10	Improved Separation of FAME Isomers Using Comprehensive Two-Dimensional Gas Chromatography. Application to Broccoli Samples. <i>Food Analytical Methods</i> , 2012, 5, 920-927.	1.3	4
11	Comprehensive two-dimensional gas chromatography with capillary flow modulation to separate FAME isomers. <i>Journal of Chromatography A</i> , 2011, 1218, 4952-4959.	1.8	32
12	Sequential Supercritical Fluid Extraction of Lipids. Application to the Obtention of the Fatty Acid Profile of Some Genetically Modified Varieties of Corn. <i>Food Analytical Methods</i> , 2011, 4, 196-202.	1.3	16
13	Supercritical fluid extraction of lipids from broccoli leaves. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 479-486.	1.0	25