

Susan Billig

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

371
citations

8
h-index

18
g-index

18
ext. papers

463
ext. citations

7.2
avg. IF

3.22
L-index

#	Paper	IF	Citations
15	Bio-activation of simeprevir in liver microsomes and characterization of its glutathione conjugates by liquid chromatography coupled to ultrahigh-resolution quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1645, 462095	4.5	3
14	Low Carbon Footprint Recycling of Post-Consumer PET Plastic with a Metagenomic Polyester Hydrolase. <i>ChemSusChem</i> , 2021 ,	8.3	6
13	Surface acoustic wave nebulization improves compound selectivity of low-temperature plasma ionization for mass spectrometry. <i>Scientific Reports</i> , 2021 , 11, 2948	4.9	1
12	High-Throughput Fingerprinting of Rhizobial Free Fatty Acids by Chemical Thin-Film Deposition and Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Methods and Protocols</i> , 2020 , 3,	2.5	1
11	Composition of Intracellular and Cell Wall-Bound Phlorotannin Fractions in Furoid Algae Indicates Specific Functions of These Metabolites Dependent on the Chemical Structure. <i>Metabolites</i> , 2020 , 10,	5.6	5
10	Derivatization of Methylglyoxal for LC-ESI-MS Analysis-Stability and Relative Sensitivity of Different Derivatives. <i>Molecules</i> , 2018 , 23,	4.8	5
9	Response in Ambient Low Temperature Plasma Ionization Compared to Electrospray and Atmospheric Pressure Chemical Ionization for Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2018 , 2018, 5647536	1.4	6
8	Elucidation of the biosynthesis of the methane catalyst coenzyme F. <i>Nature</i> , 2017 , 543, 78-82	50.4	68
7	The Radical SAM enzyme NirJ catalyzes the removal of two propionate side chains during heme d biosynthesis. <i>FEBS Journal</i> , 2017 , 284, 4314-4327	5.7	14
6	A high-throughput assay for enzymatic polyester hydrolysis activity by fluorimetric detection. <i>Biotechnology Journal</i> , 2012 , 7, 1517-21	5.6	37
5	Enzymes for the biofunctionalization of poly(ethylene terephthalate). <i>Advances in Biochemical Engineering/Biotechnology</i> , 2011 , 125, 97-120	1.7	42
4	Hydrolysis of Cutin by PET-Hydrolases. <i>Macromolecular Symposia</i> , 2010 , 296, 342-346	0.8	12
3	Hydrolysis of cyclic poly(ethylene terephthalate) trimers by a carboxylesterase from <i>Thermobifida fusca</i> KW3. <i>Applied Microbiology and Biotechnology</i> , 2010 , 87, 1753-64	5.7	54
2	Biochemical characterization of the cutinases from <i>Thermobifida fusca</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 63, 121-127		59
1	High level expression of a hydrophobic poly(ethylene terephthalate)-hydrolyzing carboxylesterase from <i>Thermobifida fusca</i> KW3 in <i>Escherichia coli</i> BL21(DE3). <i>Journal of Biotechnology</i> , 2010 , 146, 100-4	3.7	55