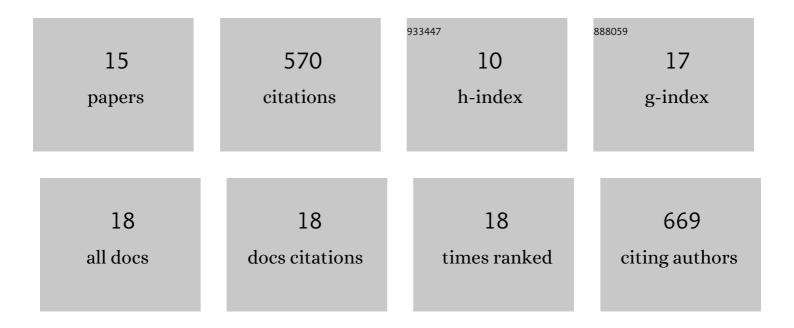
Susan Billig

List of Publications by Year in descending order

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SUSAN RILLIC

#	Article	IF	CITATIONS
1	Elucidation of the biosynthesis of the methane catalyst coenzyme F430. Nature, 2017, 543, 78-82.	27.8	104
2	Biochemical characterization of the cutinases from Thermobifida fusca. Journal of Molecular Catalysis B: Enzymatic, 2010, 63, 121-127.	1.8	78
3	Hydrolysis of cyclic poly(ethylene terephthalate) trimers by a carboxylesterase from Thermobifida fusca KW3. Applied Microbiology and Biotechnology, 2010, 87, 1753-1764.	3.6	77
4	Low Carbon Footprint Recycling of Post onsumer PET Plastic with a Metagenomic Polyester Hydrolase. ChemSusChem, 2022, 15, .	6.8	70
5	High level expression of a hydrophobic poly(ethylene terephthalate)-hydrolyzing carboxylesterase from Thermobifida fusca KW3 in Escherichia coli BL21(DE3). Journal of Biotechnology, 2010, 146, 100-104.	3.8	61
6	Enzymes for the Biofunctionalization of Poly(Ethylene Terephthalate). Advances in Biochemical Engineering/Biotechnology, 2010, 125, 97-120.	1.1	58
7	A highâ€throughput assay for enzymatic polyester hydrolysis activity by fluorimetric detection. Biotechnology Journal, 2012, 7, 1517-1521.	3.5	49
8	The Radical <scp>SAM</scp> enzyme NirJ catalyzes the removal of two propionate side chains during heme <i>d</i> ₁ biosynthesis. FEBS Journal, 2017, 284, 4314-4327.	4.7	17
9	Hydrolysis of Cutin by PETâ€Hydrolases. Macromolecular Symposia, 2010, 296, 342-346.	0.7	12
10	Composition of Intracellular and Cell Wall-Bound Phlorotannin Fractions in Fucoid Algae Indicates Specific Functions of These Metabolites Dependent on the Chemical Structure. Metabolites, 2020, 10, 369.	2.9	12
11	Derivatization of Methylglyoxal for LC-ESI-MS Analysis—Stability and Relative Sensitivity of Different Derivatives. Molecules, 2018, 23, 2994.	3.8	10
12	Response in Ambient Low Temperature Plasma Ionization Compared to Electrospray and Atmospheric Pressure Chemical Ionization for Mass Spectrometry. International Journal of Analytical Chemistry, 2018, 2018, 1-18.	1.0	7
13	Surface acoustic wave nebulization improves compound selectivity of low-temperature plasma ionization for mass spectrometry. Scientific Reports, 2021, 11, 2948.	3.3	4
14	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. Journal of Chromatography A, 2021, 1645, 462095.	3.7	4
15	High-Throughput Fingerprinting of Rhizobial Free Fatty Acids by Chemical Thin-Film Deposition and Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Methods and Protocols, 2020, 3, 36.	2.0	3