Susan Billig

List of Publications by Year in descending order

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SUSAN RULIC

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Low Carbon Footprint Recycling of Postâ€Consumer PET Plastic with a Metagenomic Polyester Hydrolase. ChemSusChem, 2022, 15, . | 6.8 | 70 |
| 2 | Surface acoustic wave nebulization improves compound selectivity of low-temperature plasma ionization for mass spectrometry. Scientific Reports, 2021, 11, 2948. | 3.3 | 4 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Derivatization of Methylglyoxal for LC-ESI-MS Analysis—Stability and Relative Sensitivity of Different Derivatives. Molecules, 2018, 23, 2994. | 3.8 | 10 |
| 7 | 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 |
| 8 | Elucidation of the biosynthesis of the methane catalyst coenzyme F430. Nature, 2017, 543, 78-82. | 27.8 | 104 |
| 9 | 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 |
| 10 | A highâ€ŧhroughput assay for enzymatic polyester hydrolysis activity by fluorimetric detection. Biotechnology Journal, 2012, 7, 1517-1521. | 3.5 | 49 |
| 11 | 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 |
| 12 | Biochemical characterization of the cutinases from Thermobifida fusca. Journal of Molecular Catalysis B: Enzymatic, 2010, 63, 121-127. | 1.8 | 78 |
| 13 | 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 |
| 14 | Hydrolysis of Cutin by PETâ€Hydrolases. Macromolecular Symposia, 2010, 296, 342-346. | 0.7 | 12 |
| 15 | Enzymes for the Biofunctionalization of Poly(Ethylene Terephthalate). Advances in Biochemical Engineering/Biotechnology, 2010, 125, 97-120. | 1.1 | 58 |