Rachel A Hand

List of Publications by Year
in descending order

9 papers	112 citations	1477746 6 h-index	1473754 9 g-index
9 all docs	9 docs citations	9 times ranked	96 citing authors

#	Article	IF	Citations
1	A molecularly imprinted polymer nanoparticle-based surface plasmon resonance sensor platform for antibiotic detection in river water and milk. Analytical and Bioanalytical Chemistry, 2022, 414, 3687-3696.	1.9	20
2	Detection of selective androgen receptor modulators (SARMs) in serum using a molecularly imprinted nanoparticle surface plasmon resonance sensor. Journal of Materials Chemistry B, 2022, 10, 6792-6799.	2.9	9
3	Enhanced properties of well-defined polymer networks prepared by a sequential thiol-Michael - radical thiol-ene (STMRT) strategy. European Polymer Journal, 2021, 151, 110440.	2.6	5
4	Application of comprehensive 2D chromatography in the anti-doping field: Sample identification and quantification. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1178, 122584.	1.2	8
5	Branched macromonomers from catalytic chain transfer polymerisation (CCTP) as precursors for emulsion-templated porous polymers. Polymer Chemistry, 2020, 11, 3841-3848.	1.9	7
6	Application of molecularly imprinted polymers in the anti-doping field: sample purification and compound analysis. Analyst, The, 2020, 145, 4716-4736.	1.7	9
7	Synthesis of Pd/Ru Bimetallic Nanoparticles by Escherichia coli and Potential as a Catalyst for Upgrading 5-Hydroxymethyl Furfural Into Liquid Fuel Precursors. Frontiers in Microbiology, 2019, 10, 1276.	1.5	41
8	Upconversion of Cellulosic Waste Into a Potential â€œDrop in Fuelâ€•via Novel Catalyst Generated Using Desulfovibrio desulfuricans and a Consortium of Acidophilic Sulfidogens. Frontiers in Microbiology, 2019, 10, 970.	1.5	9
9	Polymeric arsenicals as scaffolds for functional and responsive hydrogels. Journal of Materials Chemistry B, 2019, 7, 4263-4271.	2.9	4