Hendrik Du Toit

List of Publications by Year
in descending order

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10 papers	441 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	895 citing authors

#	Article	IF	Citations
1	Continuous synthesis of gold nanoparticles in micro- and millifluidic systems. ChemistrySelect, 2021, 6, .	1.5	1
2	Highly reproducible, high-yield flow synthesis of gold nanoparticles based on a rational reactor design exploiting the reduction of passivated Au(<scp>iii</scp>). Reaction Chemistry and Engineering, 2020, 5, 663-676.	3.7	33
3	Photobactericidal activity activated by thiolated gold nanoclusters at low flux levels of white light. Nature Communications, 2020, 11, 1207.	12.8	52
4	Rapid synthesis of gold nanoparticles with carbon monoxide in a microfluidic segmented flow system. Reaction Chemistry and Engineering, 2019, 4, 884-890.	3.7	35
5	Continuous flow synthesis of ultrasmall gold nanoparticles in a microreactor using trisodium citrate and their SERS performance. Chemical Engineering Science, 2018, 189, 422-430.	3.8	68
6	Thiol-Capped Gold Nanoparticles Swell-Encapsulated into Polyurethane as Powerful Antibacterial Surfaces Under Dark and Light Conditions. Scientific Reports, 2016, 6, 39272.	3.3	54
7	Generating power from transdermal extracts using a multi-electrode miniature enzymatic fuel cell. Biosensors and Bioelectronics, 2016, 78, 411-417.	10.1	23
8	Continuous power generation from glucose with two different miniature flow-through enzymatic biofuel cells. Biosensors and Bioelectronics, 2015, 69, 199-205.	10.1	50
9	Glucose Oxidase Directly Immobilized onto Highly Porous Gold Electrodes for Sensing and Fuel Cell applications. Electrochimica Acta, 2014, 138, 86-92.	5.2	77
10	Electrodeposited highly porous gold microelectrodes for the direct electrocatalytic oxidation of aqueous glucose. Sensors and Actuators B: Chemical, 2014, 192, 725-729.	7.8	48