

Hendrik Du Toit

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11186351/publications.pdf>

Version: 2024-02-01

10
papers

441
citations

1040056

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h-index

1372567

10
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10
all docs

10
docs citations

10
times ranked

895
citing authors

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