

Ahmed M Debela

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

111
citations

9
h-index

10
g-index

13
ext. papers

122
ext. citations

5.3
avg, IF

2.02
L-index

#	Paper	IF	Citations
11	Electrochemical primer extension based on polyoxometalate electroactive labels for multiplexed detection of single nucleotide polymorphisms. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 201-206	11.8	9
10	Stable Carboxylate-Terminated Gold Surfaces Produced by Spontaneous Grafting of an Alkyltin Compound. <i>Chemistry - A European Journal</i> , 2018 , 24, 11177-11184	4.8	
9	PCR Incorporation of Polyoxometalate Modified Deoxynucleotide Triphosphates and Their Application in Molecular Electrochemical Sensing of <i>Yersinia pestis</i> . <i>Chemistry - A European Journal</i> , 2017 , 23, 10597-10603	4.8	12
8	Electrochemical primer extension for the detection of single nucleotide polymorphisms in the cardiomyopathy associated MYH7 gene. <i>Chemical Communications</i> , 2016 , 52, 757-9	5.8	14
7	Surface functionalisation of carbon for low cost fabrication of highly stable electrochemical DNA sensors. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 25-29	11.8	4
6	Biofunctionalization of Polyoxometalates with DNA Primers, Their Use in the Polymerase Chain Reaction (PCR) and Electrochemical Detection of PCR Products. <i>Chemistry - A European Journal</i> , 2015 , 21, 17721-7	4.8	14
5	Facile electrochemical hydrogenation and chlorination of glassy carbon to produce highly reactive and uniform surfaces for stable anchoring of thiolated molecules. <i>Chemistry - A European Journal</i> , 2014 , 20, 7646-54	4.8	9
4	Postfunctionalization of Keggin silicotungstates by general coupling procedures. <i>Polyhedron</i> , 2014 , 68, 131-137	2.7	16
3	Electrochemical genosensor based on three-dimensional DNA polymer brushes monolayers. <i>Electrochemistry Communications</i> , 2011 , 13, 1155-1158	5.1	9
2	Three-dimensional arrangement of short DNA oligonucleotides at surfaces via the synthesis of DNA-branched polyacrylamide brushes by SI-ATRP. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1405-10	4.8	9
1	Electronic structure and reactivity of guanylthiourea: a quantum chemical study. <i>Journal of Computational Chemistry</i> , 2010 , 31, 1259-67	3.5	15