

# Hafedh Ben Ouada

## List of Publications by Year in descending order

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18  
papers

580  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing bacterial adhesion using DLVO and XDLVO theories and the jet impingement technique. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 73, 1-9.	5.0	159
2	Electrical detection and characterization of bacterial adhesion using electrochemical impedance spectroscopy-based flow chamber. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 318, 291-300.	4.7	95
3	Ultra-sensitive conductometric detection of heavy metals based on inhibition of alkaline phosphatase activity from <i>Arthrospira platensis</i> . <i>Bioelectrochemistry</i> , 2013, 90, 24-29.	4.6	54
4	pH sensor based on a detection sol-gel layer onto optical fiber. <i>Materials Science and Engineering C</i> , 2002, 21, 183-188.	7.3	42
5	Humidity-sensing properties of ZnO QDs coated QCM: Optimization, modeling and kinetic investigations. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 130-139.	4.0	36
6	Optical and electrical properties of semi-conducting calix[5,9]arene thin films with potential applications in organic electronics. <i>Semiconductor Science and Technology</i> , 2009, 24, 105007.	2.0	29
7	Effect of PEG-400 on the morphology and electrical properties of ZnO nanoparticles application for gas sensor. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 807-817.	4.0	26
8	Ultra-sensitive conductometric detection of pesticides based on inhibition of esterase activity in <i>Arthrospira platensis</i> . <i>Environmental Pollution</i> , 2013, 178, 182-188.	7.5	23
9	Photo-physical and complexation properties of chromogenic azo-calix[4]arene: Application to the detection of Eu <sup>3+</sup> . <i>Journal of Molecular Structure</i> , 2011, 1006, 210-215.	3.6	19
10	Optical and electrical characterization of thin films based on anthracene polyether polymers. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 851-858.	4.0	18
11	Effect of gamma rays absorbed doses and heat treatment on the optical absorption spectra of silver ion-exchanged silicate glass. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2014, 323, 36-41.	1.4	15
12	Acoustic, electrochemical and microscopic characterization of interaction of <i>Arthrospira platensis</i> biofilm and heavy metal ions. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 609-619.	6.7	13
13	Synthesis and thin films characterization of new anthracene-core molecules for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2009, 404, 1912-1916.	2.7	12
14	Influence of ambient atmosphere on the electrical properties of organic thin film transistors. <i>Materials Science and Engineering C</i> , 2006, 26, 514-518.	7.3	10
15	Investigation of the electrical properties of a new PPV derivative-based on a sandwich structure for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2012, 407, 1051-1054.	2.7	9
16	Elaboration and electrical characterization of silicone-based anion-exchange materials. <i>Materials Science and Engineering C</i> , 2006, 26, 462-471.	7.3	8
17	Effect of the side-chain size on the optical and electrical properties of confined-PPV derivatives. <i>Superlattices and Microstructures</i> , 2015, 85, 469-481.	3.1	7
18	Effect of the spacer group nature on the optical and electrical properties of confined poly(p-phenylene vinylene) derivatives. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 897-908.	2.3	5