

# Alvaro David Hernández de la Luz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6182294/publications.pdf>

Version: 2024-02-01

9  
papers

57  
citations

1684188  
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1588992  
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g-index

12  
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12  
docs citations

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times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	MIS-Like Structures with Silicon-Rich Oxide Films Obtained by HFCVD: Their Response as Photodetectors. <i>Sensors</i> , 2022, 22, 3904.	3.8	5
2	SiO <sub>x</sub> films deposited by HFCVD: Their conduction response to light and intrinsic photovoltaic effect. <i>Surfaces and Interfaces</i> , 2021, 26, 101411.	3.0	3
3	Spectroscopic Properties of Si-nc in SiO <sub>x</sub> Films Using HFCVD. <i>Nanomaterials</i> , 2020, 10, 1415.	4.1	11
4	Spectroscopic and Microscopic Correlation of SRO-HFCVD Films on Quartz and Silicon. <i>Crystals</i> , 2020, 10, 127.	2.2	7
5	Improvement of the Photocatalytic Activity of ZnO/Burkeite Heterostructure Prepared by Combustion Method. <i>Catalysts</i> , 2019, 9, 817.	3.5	8
6	Synthesis and Characterization of Nanocrystalline ZnO Doped with Al <sup>3+</sup> and Ni <sup>2+</sup> by a Sol-Gel Method Coupled with Ultrasound Irradiation. <i>Crystals</i> , 2018, 8, 406.	2.2	16
7	Optical, morphological and electrical analysis of heterostructures PSi/c-Si and SiO <sub>2</sub> /MWCNTs/PSi/c-Si. <i>Sensors and Actuators A: Physical</i> , 2018, 282, 55-62.	4.1	4
8	Optical and Morphological Analysis of c-Si/PSi and c-Si/PSi/MWCNT/SiO <sub>x</sub> Heterostructures. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0
9	Theoretical Survey Of Luminescence Observed In Nanostructured Silicon Rich Oxide Films Attributed To Annealing Processes. <i>Advanced Materials Letters</i> , 2016, 7, 480-484.	0.6	3