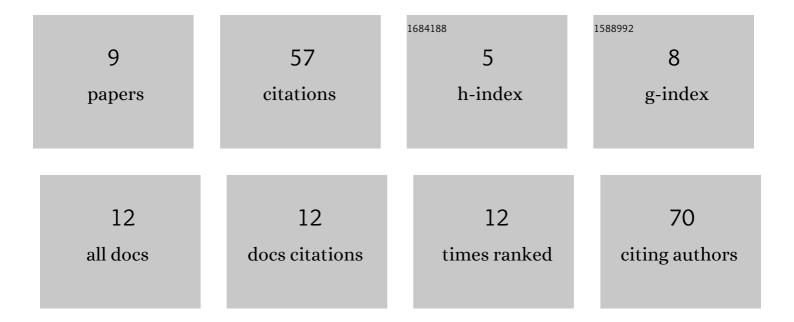
## Alvaro David HernÃ;ndez de la Luz

List of Publications by Year in descending order

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

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| # | Article  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Synthesis and Characterization of Nanocrystalline ZnO Doped with Al3+ and Ni2+ by a Sol–Gel<br>Method Coupled with Ultrasound Irradiation. Crystals, 2018, 8, 406.         | 2.2 | 16        |
| 2 | Spectroscopic Properties of Si-nc in SiOx Films Using HFCVD. Nanomaterials, 2020, 10, 1415.  | 4.1 | 11        |
| 3 | Improvement of the Photocatalytic Activity of ZnO/Burkeite Heterostructure Prepared by Combustion<br>Method. Catalysts, 2019, 9, 817.                                      | 3.5 | 8         |
| 4 | Spectroscopic and Microscopic Correlation of SRO-HFCVD Films on Quartz and Silicon. Crystals, 2020, 10, 127.   | 2.2 | 7         |
| 5 | MIS-Like Structures with Silicon-Rich Oxide Films Obtained by HFCVD: Their Response as Photodetectors. Sensors, 2022, 22, 3904.  | 3.8 | 5         |
| 6 | Optical, morphological and electrical analysis of heterostructures PSi/c-Si and SiO2/MWCNTs/PSi/c-Si.<br>Sensors and Actuators A: Physical, 2018, 282, 55-62.              | 4.1 | 4         |
| 7 | SiOx films deposited by HFCVD: Their conduction response to light and intrinsic photovoltaic effect.<br>Surfaces and Interfaces, 2021, 26, 101411.                         | 3.0 | 3         |
| 8 | Theoretical Survey Of Luminescence Observed In Nanostructured Silicon Rich Oxide Films Attributed<br>ToÂannealing Processes. Advanced Materials Letters, 2016, 7, 480-484. | 0.6 | 3         |
| 9 | Optical and Morphological Analysis of c-Si/PSi and c-Si/PSi/MWCNT/SiOx Heterostructures.<br>Proceedings (mdpi), 2017, 1, .   | 0.2 | 0         |