

# Jesús Alarcón-Salazar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3599210/publications.pdf>

Version: 2024-02-01

11  
papers

45  
citations

1937685

4  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of light emitting capacitors with textured and polished silicon substrates towards the understanding of the emission mechanisms. Journal of Luminescence, 2018, 203, 646-654.	3.1	7
2	Enhancing emission and conduction of light emitting capacitors by multilayered structures of silicon rich oxide. Sensors and Actuators A: Physical, 2017, 265, 306-312.	4.1	6
3	Electrical and electroluminescent characterization of nanometric multilayers of SiOX/SiOY obtained by LPCVD including non-normal emission. Journal of Applied Physics, 2016, 119, 215101.	2.5	13
4	Impact of the Structural Characteristics on the Performance of Light Emitting Capacitors Using Nanometric SRO Multilayers Fabricated by LPCVD. Procedia Engineering, 2016, 168, 1098-1101.	1.2	1
5	An optoelectronic circuit with a light source, an optical waveguide and a sensor all on silicon: Results and analysis of a novel system. Optics and Laser Technology, 2016, 84, 40-47.	4.6	7
6	Analysis of light emitters SRO-based to be integrated on all-silicon optoelectronic circuits. , 2016, , .		0
7	Design and simulation of an integrated waveguide and sensor: Towards a complete optoelectronic circuit on silicon. , 2014, , .		1
8	Design and simulation of an optical waveguide for its integration with a light source based on SRO. , 2014, , .		2
9	Conservation of the Optical Properties of SRO after CMOS IC Processing. Procedia Technology, 2014, 17, 587-594.	1.1	3
10	Characterization and fabrication of SiO <sub>x</sub> nano-metric films, obtained by reactive sputtering. , 2012, , .		4
11	Monolithically Integrable Si-Compatible Light Sources. , 0, , .		1