

# Olivier Poncelet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9090202/publications.pdf>

Version: 2024-02-01

8  
papers

154  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimisation of rear reflectance in ultra-thin CIGS solar cells towards >20% efficiency. Solar Energy, 2017, 146, 443-452.	6.1	38
2	Damage evaluation in graphene underlying atomic layer deposition dielectrics. Scientific Reports, 2015, 5, 13523.	3.3	32
3	Vapour sensitivity of an ALD hierarchical photonic structure inspired by Morpho. Bioinspiration and Biomimetics, 2016, 11, 036011.	2.9	26
4	Vapor sensing using a bio-inspired porous silicon photonic crystal. Materials Today: Proceedings, 2017, 4, 5006-5012.	1.8	20
5	Highly transparent low capacitance plasma enhanced atomic layer deposition Al <sub>2</sub> O <sub>3</sub> -HfO <sub>2</sub> tunnel junction engineering. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2014, 32, 01A132.	2.1	14
6	Silicon-on-Insulator Photodiode on Micro-Hotplate Platform With Improved Responsivity and High-Temperature Application. IEEE Sensors Journal, 2016, 16, 3017-3024.	4.7	13
7	Internal stress and opto-electronic properties of ZnO thin films deposited by reactive sputtering in various oxygen partial pressures. Journal of Applied Physics, 2017, 122, .	2.5	9
8	Hemispherical cavities on silicon substrates: an overview of micro fabrication techniques. Materials Research Express, 2018, 5, 045702.	1.6	2