

# Abdelhak Chettah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7092384/publications.pdf>

Version: 2024-02-01

8  
papers

83  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility enhancement and Au-Ni bimetallic alloy formation in immiscible Au/Ni multilayers by ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2022, 516, 38-47.	1.4	1
2	Blue-shift in optical bandgap of sprayed nanocrystalline Cu <sub>2</sub> ZnSnS <sub>4</sub> thin films induced by 200 Å MeV Xe swift heavy ions irradiation. Journal of Materials Science: Materials in Electronics, 2021, 32, 25516.	2.2	0
3	Ultraviolet and Infrared luminescent Au-rich nanostructure growth in SiO <sub>2</sub> by burrowing and inverse Oswald ripening process. Scientific Reports, 2019, 9, 14978.	3.3	6
4	Dewetting induced Au-Ge composite nanodot evolution in SiO <sub>2</sub> . Applied Surface Science, 2018, 428, 676-683.	6.1	6
5	Zinc molarity effect on Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film properties prepared by spray pyrolysis. Journal of Materials Science: Materials in Electronics, 2018, 29, 4089-4095.	2.2	22
6	Micro-Raman and electronic structure study on kinetics of electronic excitations induced monoclinic-to-tetragonal phase transition in zirconium oxide films. RSC Advances, 2016, 6, 104425-104432.	3.6	29
7	Swift heavy ion irradiation induced phase transformation in undoped and niobium doped titanium dioxide composite thin films. Nuclear Instruments & Methods in Physics Research B, 2016, 379, 224-229.	1.4	12
8	The inelastic thermal spike model applied to metal/insulator interfaces. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 102-106.	0.8	7