

Daniele Scopece

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

108
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the Structure of Oxygen-Doped Wurtzite Aluminum Nitride Coatings from <i>Ab Initio</i> Random Structure Search and Experiments. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5762-5771.	8.0	3
2	Arsenic-induced faceted lateral nanoprisms array on Si (111) surface. <i>Applied Surface Science</i> , 2019, 463, 713-720.	6.1	0
3	Silicon etch with chromium ions generated by a filtered or non-filtered cathodic arc discharge. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 20-28.	6.1	1
4	Interpolating function of the strain relief of epitaxial quantum dots via an alternative morphological descriptor. <i>Physical Review B</i> , 2015, 91, .	3.2	1
5	Comment on: "An improved molecular dynamics potential for the Al-O system" Computational Materials Science 53, 483 (2012). <i>Computational Materials Science</i> , 2015, 104, 143-146.	3.0	4
6	Self-assembled in-plane Ge nanowires on rib-patterned Si (110) templates. <i>Physical Review B</i> , 2014, 90, 3.2		11
7	Straining Ge bulk and nanomembranes for optoelectronic applications: a systematic numerical analysis. <i>Semiconductor Science and Technology</i> , 2014, 29, 095012.	2.0	15
8	One-dimensional Ge nanostructures on Si(001) and Si(110): Dominant role of surface energy. <i>Comptes Rendus Physique</i> , 2013, 14, 542-552.	0.9	19
9	SOWOS: an open-source program for the three-dimensional Wulff construction. <i>Journal of Applied Crystallography</i> , 2013, 46, 811-816.	4.5	19
10	Epilayer thickness and strain dependence of Ge(113) surface energies. <i>Physical Review B</i> , 2013, 87, .	3.2	10
11	Stability of Ge on Si (110) surfaces and the role of dimer tilting. <i>Physical Review B</i> , 2012, 85, .	3.2	25