

Rebecca C Powles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7739146/publications.pdf>

Version: 2024-02-01

8
papers

295
citations

1306789

7
h-index

1719596

7
g-index

8
all docs

8
docs citations

8
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear rotation of three-dimensional dark spatial solitons in a Gaussian laser beam. <i>Optics Letters</i> , 1994, 19, 1816.	1.7	75
2	Lattice Rectification in Atom Probe Tomography: Toward True Three-Dimensional Atomic Microscopy. <i>Microscopy and Microanalysis</i> , 2011, 17, 226-239.	0.2	58
3	Atomically resolved tomography to directly inform simulations for structure-property relationships. <i>Nature Communications</i> , 2014, 5, 5501.	5.8	53
4	Short-range order in multicomponent materials. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, 547-560.	0.3	47
5	Quantitative description of atomic architecture in solid solutions: A generalized theory for multicomponent short-range order. <i>Physical Review B</i> , 2010, 82, .	1.1	35
6	Simulating the changes in carbon structure during the burn-off process. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 211-219.	5.0	17
7	Calibrating the atomic balance by carbon nanoclusters. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	10
8	Residential geothermal air-conditioning: inhabitants'™ comfort, behaviour and energy use. <i>Buildings and Cities</i> , 2022, 3, 226-249.	1.1	0