

Vineetha Mukundan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3714816/publications.pdf>

Version: 2024-02-01

11
papers

152
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Rectification in Molecular Junctions: Contact Effects and Molecular Signature. Journal of the American Chemical Society, 2017, 139, 11913-11922.	13.7	61
2	Solid-State Protein Junctions: Cross-Laboratory Study Shows Preservation of Mechanism at Varying Electronic Coupling. IScience, 2020, 23, 101099.	4.1	30
3	Nanoalloying and phase transformations during thermal treatment of physical mixtures of Pd and Cu nanoparticles. Science and Technology of Advanced Materials, 2014, 15, 025002.	6.1	14
4	Quantifying non-centrosymmetric orthorhombic phase fraction in 10 nm ferroelectric Hf _{0.5} Zr _{0.5} O ₂ films. Applied Physics Letters, 2020, 117, .	3.3	14
5	Extent of conjugation in diazonium-derived layers in molecular junction devices determined by experiment and modelling. Physical Chemistry Chemical Physics, 2019, 21, 16762-16770.	2.8	8
6	Structural Correlation of Ferroelectric Behavior in Mixed Hafnia-Zirconia High-k Dielectrics for FeRAM and NCFET Applications. MRS Advances, 2019, 4, 545-551.	0.9	8
7	Limited grain growth and chemical ordering during high-temperature sintering of PtNiCo nanoparticle aggregates. Nanotechnology, 2012, 23, 335705.	2.6	7
8	Ferroelectric Phase Content in 7 nm Hf _{1-x} Zr _x O ₂ Thin Films Determined by X-Ray Based Methods. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100024.	1.8	6
9	Effect of Chemical Composition on the Nanoscale Ordering Transformations of Physical Mixtures of Pd and Cu Nanoparticles. Journal of Nanomaterials, 2018, 2018, 1-10.	2.7	2
10	Reply to the "Comment on "Extent of conjugation in diazonium-derived layers in molecular junction devices determined by experiment and modelling" by R. L. McCreery, S. K. Saxena, M. Supur and U. Tefashe, Phys. Chem. Chem. Phys., 2020, 22, DOI: 10.1039/d0cp02412k. Physical Chemistry Chemical Physics, 2020, 22, 21547-21549.	2.8	2
11	Phase Transformations in physical mixtures of Pd-Cu nanoparticles. Materials Research Society Symposia Proceedings, 2013, 1528, 1.	0.1	0