

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