

Ilan Goldfarb

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Origin of Magnetism in $\hat{1}^3\text{-FeSi}_2/\text{Si}(111)$ Nanostructures. <i>Nanomaterials</i> , 2021, 11, 849.	4.1	6
2	Lattice-Match Stabilization and Magnetic Properties of Metastable Epitaxial Permalloy-Disilicide Nanostructures on a Vicinal $\text{Si}(111)$ Substrate. <i>Nanomaterials</i> , 2021, 11, 1310.	4.1	1
3	Self-organized exchange-spring magnet in epitaxial $\hat{1}^2\text{-Fe}(\text{Ni})\text{Si}_2/\text{Si}$ system. <i>Applied Surface Science</i> , 2021, 562, 150071.	6.1	4
4	Tomographic layer-by-layer analysis of epitaxial iron-silicide nanostructures by DFT-assisted STS. <i>Applied Surface Science</i> , 2019, 496, 143583.	6.1	4
5	Interface Effects on Epilayer Surface Density of States by Scanning Tunneling Spectroscopy and Density Functional Theory. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900140.	2.8	2
6	Controlling the supermagnetic response of tetragonal $\hat{1}^{\pm}\text{-FeSi}_2$ nanoislands. <i>Applied Surface Science</i> , 2019, 476, 189-197.	6.1	10
7	Effects of 1D disorder on the reciprocal space of rare-earth silicide/ Si ($1\hat{1}^{\sim}1\hat{1}^{\sim}1$) epilayers. <i>Applied Surface Science</i> , 2018, 458, 705-713.	6.1	1
8	Magnetic Binary Silicide Nanostructures. <i>Advanced Materials</i> , 2018, 30, e1800004.	21.0	15
9	Conduction centers in a $\text{Ta}_2\text{O}_5\hat{1}^{\sim}\hat{1}^{\sim}$ Fermi glass. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 287-289.	2.3	7
10	Guest Editor's Editorial: Preface to the special section "Materials Engineering". <i>Journal of Materials Science</i> , 2010, 45, 6281-6282.	3.7	0
11	Atomic Structure and Electrical Properties of $\text{In}(\text{Te})$ Nanocontacts on $\text{CdZnTe}(110)$ by Scanning Probe Microscopy. <i>Advanced Functional Materials</i> , 2010, 20, 215-223.	14.9	12