

# Ilan Goldfarb

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

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1684188  
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93  
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#	ARTICLE	IF	CITATIONS
1	Magnetic Binary Silicide Nanostructures. <i>Advanced Materials</i> , 2018, 30, e1800004.	21.0	15
2	Atomic Structure and Electrical Properties of In(Te) Nanocontacts on CdZnTe(110) by Scanning Probe Microscopy. <i>Advanced Functional Materials</i> , 2010, 20, 215-223.	14.9	12
3	Controlling the supermagnetic response of tetragonal $\hat{I}^{\pm}$ -FeSi <sub>2</sub> nanoislands. <i>Applied Surface Science</i> , 2019, 476, 189-197.	6.1	10
4	Conduction centers in a Ta <sub>2</sub> O <sub>5</sub> $\hat{I}^{\pm}$ Fermi glass. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 287-289.	2.3	7
5	Origin of Magnetism in $\hat{I}^3$ -FeSi <sub>2</sub> /Si(111) Nanostructures. <i>Nanomaterials</i> , 2021, 11, 849.	4.1	6
6	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
7	Self-organized exchange-spring magnet in epitaxial $\hat{I}^2$ -Fe(Ni)Si <sub>2</sub> /Si system. <i>Applied Surface Science</i> , 2021, 562, 150071.	6.1	4
8	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
9	Effects of 1D disorder on the reciprocal space of rare-earth silicide/Si ( $1\hat{A}^{-1}\hat{A}^{-1}$ ) epilayers. <i>Applied Surface Science</i> , 2018, 458, 705-713.	6.1	1
10	Lattice-Match Stabilization and Magnetic Properties of Metastable Epitaxial Permalloy-Disilicide Nanostructures on a Vicinal Si(111) Substrate. <i>Nanomaterials</i> , 2021, 11, 1310.	4.1	1
11	Guest Editor's Editorial: Preface to the special section "Materials Engineering". <i>Journal of Materials Science</i> , 2010, 45, 6281-6282.	3.7	0