

# Tomas Samuely

## List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Misfit Layer Compounds: A Platform for Heavily Doped 2D Transition Metal Dichalcogenides. <i>Advanced Functional Materials</i> , 2021, 31, 2007706.	14.9	17
2	Extreme in-plane upper critical magnetic fields of heavily doped quasi-two-dimensional transition metal dichalcogenides. <i>Physical Review B</i> , 2021, 104, .	3.2	11
3	Yu-Shiba-Rusinov bands in ferromagnetic superconducting diamond. <i>Science Advances</i> , 2020, 6, eaaz2536.	10.3	9
4	Single-gap superconductivity in Mo <sub>8</sub> Ga <sub>41</sub> . <i>Scientific Reports</i> , 2019, 9, 13552.	3.3	10
5	Superconductor-insulator transition driven by pressure-tuned intergrain coupling in nanodiamond films. <i>Physical Review Materials</i> , 2019, 3, .	2.4	5
6	On the origin of in-gap states in homogeneously disordered ultrathin films. MoC case. <i>Applied Surface Science</i> , 2018, 461, 143-148.	6.1	6
7	Superconducting Ferromagnetic Nanodiamond. <i>ACS Nano</i> , 2017, 11, 5358-5366.	14.6	25
8	Suppression of the superconductivity in ultrathin amorphous Mo <sub>78</sub> Ge <sub>22</sub> films observed by STM. <i>Low Temperature Physics</i> , 2017, 43, 919-923.	0.6	4
9	Bosonic Confinement and Coherence in Disordered Nanodiamond Arrays. <i>ACS Nano</i> , 2017, 11, 11746-11754.	14.6	16
10	Superconducting Density of States in B-Doped Diamond. <i>Acta Physica Polonica A</i> , 2017, 131, 1033-1035.	0.5	0
11	Bosonic Anomalies in Boron-Doped Polycrystalline Diamond. <i>Physical Review Applied</i> , 2016, 6, .	3.8	30
12	Fermionic scenario for the destruction of superconductivity in ultrathin MoC films evidenced by STM measurements. <i>Physical Review B</i> , 2016, 93, .	3.2	34
13	Single-gap superconductivity in $B_{i_2}Pd_2$ . <i>Physical Review B</i> , 2016, 93, .	3.2	40
14	Global and Local Superconductivity in Boron-Doped Granular Diamond. <i>Advanced Materials</i> , 2014, 26, 2034-2040.	21.0	49
15	Dynamic Visualization of Nanoscale Vortex Orbits. <i>ACS Nano</i> , 2014, 8, 2782-2787.	14.6	8
16	Observing vortex motion on NbSe <sub>2</sub> with STM. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 503, 154-157.	1.2	0
17	Type II superconductivity in SrPd <sub>2</sub> Ge <sub>2</sub> . <i>Superconductor Science and Technology</i> , 2013, 26, 015010.	3.5	5
18	Magnetic Pair Breaking in Superconducting SrPd <sub>2</sub> Ge <sub>2</sub> Investigated by Scanning Tunnelling Spectroscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1199-1203.	1.8	3

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19	Conventional superconductivity in $\text{SrPd}_2\text{Ge}$ . <i>Physical Review B</i> , 2012, 85, .	3.2	12
20	Superconducting density of states and vortex studies on $\text{SrPd}_2\text{Ge}_2$ . <i>Physica C: Superconductivity and Its Applications</i> , 2012, 479, 95-97.	1.2	1
21	Two-Dimensional Phase Behavior of a Bimolecular Porphyrin System at the Solid-Vacuum Interface. <i>Journal of the American Chemical Society</i> , 2010, 132, 7306-7311.	13.7	20
22	Enhanced Superconductivity in Nanosized Tips of Scanning Tunnelling Microscope. <i>Acta Physica Polonica A</i> , 2010, 118, 1038-1039.	0.5	10
23	Point Contact Spectroscopy Measurements of $\text{Ba}(\text{Fe}_{0.96}\text{Co}_{0.04})_2\text{As}_2$ Single Crystals. <i>Acta Physica Polonica A</i> , 2010, 118, 1045-1046.	0.5	0
24	Self-Assembly of Individually Addressable Complexes of $\text{C}_{60}$ and Phthalocyanines on a Metal Surface: Structural and Electronic Investigations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19373-19375.	3.1	10
25	Supramolecular Synthons on Surfaces: Controlling Dimensionality and Periodicity of Tetraarylporphyrin Assemblies by the Interplay of Cyano and Alkoxy Substituents. <i>Chemistry - A European Journal</i> , 2008, 14, 5794-5802.	3.3	75
26	Two-Dimensional Multiphase Behavior Induced by Sterically Hindered Conformational Optimization of Phenoxy-Substituted Phthalocyanines. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6139-6144.	3.1	18
27	Study of the interaction of an $\alpha$ -helical transmembrane peptide with phosphatidylcholine bilayer membranes by means of densimetry and ultrasound velocimetry. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1466-1478.	2.6	9
28	Integration host factor alters LacI-induced DNA looping. <i>Biophysical Chemistry</i> , 2007, 128, 245-252.	2.8	24