

Markus Stiller

List of Publications by Year in descending order

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389
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#	ARTICLE	IF	CITATIONS
1	Defect-Induced Magnetism in Nonmagnetic Oxides: Basic Principles, Experimental Evidence, and Possible Devices with ZnO and TiO ₂ . Physica Status Solidi (B): Basic Research, 2020, 257, 1900623.	1.5	26
2	Transport properties of single TiO ₂ nanotubes. Applied Physics Letters, 2013, 103, 173108.	3.3	24
3	Influence of rhombohedral stacking order in the electrical resistance of bulk and mesoscopic graphite. Physical Review B, 2017, 95, .	3.2	24
4	Influence of interfaces on the transport properties of graphite revealed by nanometer thickness reduction. Carbon, 2018, 139, 1074-1084.	10.3	22
5	Topological insulator thin films starting from the amorphous phase-Bi ₂ Se ₃ as example. Journal of Applied Physics, 2015, 117, 075301.	2.5	16
6	Strong out-of-plane magnetic anisotropy in ion irradiated anatase TiO ₂ thin films. AIP Advances, 2016, 6, 125009.	1.3	16
7	Evidence for room temperature superconductivity at graphite interfaces. Quantum Studies: Mathematics and Foundations, 2018, 5, 41-53.	0.9	16
8	Functionalized Akiyama tips for magnetic force microscopy measurements. Measurement Science and Technology, 2017, 28, 125401.	2.6	13
9	Local Magnetic Measurements of Trapped Flux Through a Permanent Current Path in Graphite. Journal of Low Temperature Physics, 2018, 191, 105-121.	1.4	11
10	Titanium 3d ferromagnetism with perpendicular anisotropy in defective anatase. Physical Review B, 2020, 101, .	3.2	10
11	Unconventional Magnetization below 25 K in Nitrogen-doped Diamond provides hints for the existence of Superconductivity and Superparamagnetism. Scientific Reports, 2019, 9, 8743.	3.3	9
12	Electrical properties of ZnO single nanowires. Nanotechnology, 2015, 26, 395703.	2.6	8
13	Structural, magnetic and electronic transport properties of amorphous and quasicrystalline Al ₇₀ Pd ₂₀ Fe ₁₀ thin films. Materials Research Express, 2015, 2, 096403.	1.6	7
14	Electrical transport properties of polycrystalline and amorphous TiO ₂ single nanotubes. Nano Structures Nano Objects, 2017, 10, 51-56.	3.5	7
15	High-field magnetoresistance of graphite revised. Physical Review Materials, 2019, 3, .	2.4	7
16	Hydrogenated anatase TiO ₂ single crystals: defects formation and structural changes as microscopic origin of co-catalyst free photocatalytic H ₂ evolution activity. Journal of Materials Chemistry A, 2021, 9, 24932-24942.	10.3	7
17	On the Localization of Persistent Currents Due to Trapped Magnetic Flux at the Stacking Faults of Graphite at Room Temperature. Materials, 2022, 15, 3422.	2.9	7
18	Superconductivity in the amorphous phase of topological insulator Bi _x Sb _{100-x} alloys. Superconductor Science and Technology, 2017, 30, 015013.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Influence of surface band bending on a narrow band gap semiconductor: Tunneling atomic force studies of graphite with Bernal and rhombohedral stacking orders. <i>Physical Review Materials</i> , 2021, 5, .	2.4	5
20	Magnetotransport properties of microstructured AlCu ₂ Mn Heusler alloy thin films in the amorphous and crystalline phase. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 456, 281-287.	2.3	4
21	Record-Breaking Magnetoresistance at the Edge of a Microflake of Natural Graphite. <i>Advanced Engineering Materials</i> , 2019, 21, 1970039.	3.5	3
22	Fabrication and electrical transport properties of embedded graphite microwires in a diamond matrix. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 145301.	2.8	2
23	Record-Breaking Magnetoresistance at the Edge of a Microflake of Natural Graphite. <i>Advanced Engineering Materials</i> , 2019, 21, 1900991.	3.5	2