

Frank Streller

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

417
citations

1307594

7
h-index

1588992

8
g-index

11
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docs citations

11
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolayer Single-Crystal $1T\text{-MoTe}_2$ Grown by Chemical Vapor Deposition Exhibits Weak Antilocalization Effect. Nano Letters, 2016, 16, 4297-4304.	9.1	205
2	Large-area synthesis of high-quality monolayer $1T\text{-WTe}_2$ flakes. 2D Materials, 2017, 4, 021008.	4.4	81
3	Scalable Production of Sensor Arrays Based on High-Mobility Hybrid Graphene Field Effect Transistors. ACS Applied Materials & Interfaces, 2016, 8, 27546-27552.	8.0	44
4	Tunable, Source-Controlled Formation of Platinum Silicides and Nanogaps from Thin Precursor Films. Advanced Materials Interfaces, 2014, 1, 1300120.	3.7	22
5	Novel Metal Silicide Thin Films by Design via Controlled Solid-State Diffusion. Chemistry of Materials, 2015, 27, 4247-4253.	6.7	19
6	<i>In situ</i> oxygen plasma cleaning of microswitch surfaces – comparison of Ti and graphite electrodes. Journal of Micromechanics and Microengineering, 2016, 26, 115020.	2.6	13
7	Next-Generation Nanoelectromechanical Switch Contact Materials: A Low-Power Mechanical Alternative to Fully Electronic Field-Effect Transistors. IEEE Nanotechnology Magazine, 2015, 9, 18-24.	1.3	12
8	Development and assessment of next-generation nanoelectromechanical switch contact materials. , 2014, , .		6
9	Valence Band Control of Metal Silicide Films via Stoichiometry. Journal of Physical Chemistry Letters, 2016, 7, 2573-2578.	4.6	6
10	Novel materials solutions and simulations for nanoelectromechanical switches. , 2015, , .		5
11	Effectiveness of oxygen plasma versus UHV bakeout in cleaning MEMS switch surfaces. , 2015, , .		4