

# Sergej Schuwalow

## List of Publications by Year in descending order

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9  
papers

269  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Structure of InAs and InSb Surfaces: Density Functional Theory and Angle-Resolved Photoemission Spectroscopy. <i>Advanced Quantum Technologies</i> , 2022, 5, .	3.9	6
2	Electronic properties of InAs/EuS/Al hybrid nanowires. <i>Physical Review B</i> , 2021, 104, .	3.2	18
3	Band Structure Extraction at Hybrid Narrow-Gap Semiconductor-Metal Interfaces. <i>Advanced Science</i> , 2021, 8, 2003087.	11.2	13
4	Coherent Epitaxial Semiconductor-Ferromagnetic Insulator InAs/EuS Interfaces: Band Alignment and Magnetic Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8780-8787.	8.0	23
5	Vacancy mobility and interaction with transition metal solutes in Ni. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 485014.	1.8	22
6	Perspectives on point defect thermodynamics. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 97-129.	1.5	58
7	Impact of the Dzyaloshinskii-Moriya interaction in strongly correlated itinerant systems. <i>Physical Review B</i> , 2012, 85, .	3.2	6
8	Detecting excitation and magnetization of individual dopants in a semiconductor. <i>Nature</i> , 2010, 467, 1084-1087.	27.8	100
9	Realistic modeling of the electronic structure and the effect of correlations for Sn/Si(111) and Sn/Ge(111) surfaces. <i>Physical Review B</i> , 2010, 82, .	3.2	23