

# Friederike Wrobel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/744475/publications.pdf>

Version: 2024-02-01

21  
papers

237  
citations

932766

10  
h-index

996533

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> study on the evolution of atomic and electronic structure of $\text{LaTiO}_3$ system. <i>Physical Review Materials</i> , 2022, 6, .	10.9	3
2	Self-healing Growth of $\text{LaNiO}_3$ on a Mixed-Terminated Perovskite Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16928-16938.	4.0	4
3	Origin of the 2D Electron Gas at the $\text{SrTiO}_3$ Surface. <i>Advanced Materials</i> , 2022, 34, e2200866.	11.1	8
4	Interface creation on a mixed-terminated perovskite surface. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	6
5	<i>In situ</i> x-ray and electron scattering studies of oxide molecular beam epitaxial growth. <i>APL Materials</i> , 2020, 8, .	2.2	13
6	Atomic-scale Considerations on $\text{LaNiO}_3$ - $\text{La}_2\text{CuO}_4$ Heterostructures: Interface Thermoelectricity Relationship. <i>Microscopy and Microanalysis</i> , 2020, 26, 2626-2627.	0.2	0
7	Doped NiO: The mottness of a charge transfer insulator. <i>Physical Review B</i> , 2020, 101, .	1.1	16
8	Observation of an antiferromagnetic quantum critical point in high-purity $\text{LaNiO}_3$ . <i>Nature Communications</i> , 2020, 11, 1402.	5.8	16
9	Local metallic and structural properties of the strongly correlated metal $\text{LaNiO}_3$ using $^7\text{Li}$ NMR. <i>Physical Review B</i> , 2019, 100, .	1.1	10
10	Counter-thermal flow of holes in high-mobility $\text{LaNiO}_3$ thin films. <i>Physical Review B</i> , 2019, 99, .	1.1	6
11	Local structure of potassium doped nickel oxide: A combined experimental-theoretical study. <i>Physical Review Materials</i> , 2019, 3, .	0.9	6
12	Superconductivity drives magnetism in $\text{LaNiO}_3$ -doped $\text{La}_2\text{CuO}_4$ . <i>Physical Review B</i> , 2018, 97, .	1.1	18
13	Unexpected effects of thickness and strain on superconductivity and magnetism in optimally doped $\text{La}_2\text{CuO}_4$ thin films. <i>Physical Review B</i> , 2018, 97, .	1.1	6
14	Oxide molecular beam epitaxy of complex oxide heterointerfaces. , 2018, , 53-78.		4
15	High-Temperature Thermoelectricity in $\text{LaNiO}_3$ - $\text{La}_2\text{CuO}_4$ Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22786-22792.	4.0	12
16	Digital modulation of the nickel valence state in a cuprate-nickelate heterostructure. <i>Physical Review Materials</i> , 2018, 2, .	0.9	22
17	Comparative study of $\text{LaNiO}_3/\text{LaAlO}_3$ heterostructures grown by pulsed laser deposition and oxide molecular beam epitaxy. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	29
18	Perovskite substrates boost the thermopower of cobaltate thin films at high temperatures. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	14

#	ARTICLE	IF	CITATIONS
19	Partial Spin Ordering and Complex Magnetic Structure in BaYFeO <sub>4</sub> : A Neutron Diffraction and High Temperature Susceptibility Study. <i>Inorganic Chemistry</i> , 2014, 53, 1122-1127.	1.9	20
20	Antiferromagnetic Spin Correlations Between Corner-Shared [FeO <sub>5</sub> ] <sup>7-</sup> and [FeO <sub>6</sub> ] <sup>9-</sup> Units, in the Novel Iron-Based Compound: BaYFeO <sub>4</sub> . <i>Inorganic Chemistry</i> , 2013, 52, 2671-2677.	1.9	21
21	On the Development of Order and Interfaces during the Growth of Ultrathin La <sub>2</sub> CuO <sub>4</sub> Films by Molecular Beam Epitaxy. <i>ACS Applied Electronic Materials</i> , 0, , .	2.0	2