

Eun Ju Moon

List of Publications by Year in descending order

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31
papers

2,762
citations

394286

19
h-index

477173

29
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31
all docs

31
docs citations

31
times ranked

4361
citing authors

#	ARTICLE	IF	CITATIONS
1	AIR-GAP CORRECTION FOR HIGH POWER MICROWAVE MEASUREMENTS OF CONDUCTIVE MATERIALS. Progress in Electromagnetics Research C, 2021, 108, 1-12.	0.6	1
2	Evidence of a magnetic transition in atomically thin Cr ₂ TiC ₂ T _x MXene. Nanoscale Horizons, 2020, 5, 1557-1565.	4.1	51
3	Electronic and optical characterization of 2D Ti ₂ C and Nb ₂ C (MXene) thin films. Journal of Physics Condensed Matter, 2019, 31, 165301.	0.7	74
4	Tailoring manganese oxide with atomic precision to increase surface site availability for oxygen reduction catalysis. Nature Communications, 2018, 9, 4034.	5.8	41
5	Variable range hopping and thermally activated transport in molybdenum-based MXenes. Physical Review B, 2018, 98, .	1.1	66
6	Synthesis of Two-Dimensional Nb _{1.33} C (MXene) with Randomly Distributed Vacancies by Etching of the Quaternary Solid Solution (Nb _{2/3} Sc _{1/3}) ₂ AlC MAX Phase. ACS Applied Nano Materials, 2018, 1, 2455-2460.	2.4	154
7	Polar Oxides without Inversion Symmetry through Vacancy and Chemical Order. Journal of the American Chemical Society, 2017, 139, 2833-2841.	6.6	34
8	Tracking BO ₆ Coupling in Perovskite Superlattices to Engineer Magnetic Interface Behavior. Microscopy and Microanalysis, 2016, 22, 904-905.	0.2	0
9	Synthesis and Characterization of 2D Molybdenum Carbide (MXene). Advanced Functional Materials, 2016, 26, 3118-3127.	7.8	945
10	Control of electronic properties of 2D carbides (MXenes) by manipulating their transition metal layers. Nanoscale Horizons, 2016, 1, 227-234.	4.1	394
11	Experimental and theoretical characterization of ordered MAX phases Mo ₂ TiAlC ₂ and Mo ₂ Ti ₂ AlC ₃ . Journal of Applied Physics, 2015, 118, .	1.1	217
12	Electronic transition above room temperature in CaMn ₇ O ₁₂ films. Applied Physics Letters, 2015, 107, 142901.	1.5	9
13	Synthesis, Structure, and Spectroscopy of Epitaxial EuFeO ₃ Thin Films. Crystal Growth and Design, 2015, 15, 1105-1111.	1.4	19
14	Solid Solubility and Magnetism upon Mn Incorporation in the Bulk Ternary Carbides Cr ₂ AlC and Cr ₂ GaC. Materials Research Letters, 2015, 3, 16-22.	4.1	62
15	Towards 3D Mapping of BO ₆ Octahedron Rotations at Perovskite Heterointerfaces, Unit Cell by Unit Cell. ACS Nano, 2015, 9, 8412-8419.	7.3	78
16	Spatial control of functional properties via octahedral modulations in complex oxide superlattices. Nature Communications, 2014, 5, 5710.	5.8	69
17	Control of Functional Responses Via Reversible Oxygen Loss in La _{1-x} Sr _x FeO _{3-δ} Films. Advanced Materials, 2014, 26, 1434-1438.	11.1	41
18	Effect of Interfacial Octahedral Behavior in Ultrathin Manganite Films. Nano Letters, 2014, 14, 2509-2514.	4.5	121

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19	Fluorination of Epitaxial Oxides: Synthesis of Perovskite Oxyfluoride Thin Films. Journal of the American Chemical Society, 2014, 136, 2224-2227.	6.6	65
20	Strain Effects in Narrow-Bandwidth Manganites: The Case of Epitaxial $\text{La}_{0.7}\text{MnO}_3$ Films. Physical Review Applied, 2014, 1, .	1.5	9
21	Strain-Controlled Epitaxial Stabilization in Ultrathin LaNiO_3 Films Grown by Pulsed Laser Deposition. Crystal Growth and Design, 2013, 13, 2256-2259.	1.4	5
22	Epitaxial stabilization of ultra-thin films of EuNiO_3 . Journal Physics D: Applied Physics, 2013, 46, 385303.	1.3	13
23	Field-effect diode based on electron-induced Mott transition in NdNiO_3 . Applied Physics Letters, 2012, 101, 143111.	1.5	18
24	Epitaxial growth of (111)-oriented $\text{LaAlO}_3/\text{LaNiO}_3$ ultra-thin superlattices. Applied Physics Letters, 2012, 101, .	1.5	51
25	Plasmon Response of a Quantum-Confined Electron Gas Probed by Core-Level Photoemission. Physical Review Letters, 2011, 106, 197601.	2.9	12
26	Sub-monolayer nucleation and growth of complex oxides at high supersaturation and rapid flux modulation. Journal of Applied Physics, 2011, 109, 114303.	1.1	23
27	Asymmetric Orbital-Lattice Interactions in Ultrathin Correlated Oxide Films. Physical Review Letters, 2011, 107, 116805.	2.9	158
28	Influence of interface reconstruction on the formation and superconductive properties of metastable Pb-Ga alloy films. Physical Review B, 2011, 84, .	1.1	0
29	Controlled Self-Organization of Atom Vacancies in Monatomic Gallium Layers. Physical Review Letters, 2007, 99, 116102.	2.9	10
30	The GMI profiles of surface-removed amorphous ribbon. Physica B: Condensed Matter, 2003, 327, 357-359.	1.3	8
31	The change of saturation magnetization in neutron-irradiated low-alloy steel. Physica B: Condensed Matter, 2003, 327, 315-318.	1.3	14