

Eun Ju Moon

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,762
citations

394421

19
h-index

477307

29
g-index

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. | 0.9 | 1 |
| 2 | Evidence of a magnetic transition in atomically thin Cr ₂ TiC ₂ T _x MXene. Nanoscale Horizons, 2020, 5, 1557-1565. | 8.0 | 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. | 1.8 | 74 |
| 4 | Tailoring manganese oxide with atomic precision to increase surface site availability for oxygen reduction catalysis. Nature Communications, 2018, 9, 4034. | 12.8 | 41 |
| 5 | Variable range hopping and thermally activated transport in molybdenum-based MXenes. Physical Review B, 2018, 98, . | 3.2 | 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. | 5.0 | 154 |
| 7 | Polar Oxides without Inversion Symmetry through Vacancy and Chemical Order. Journal of the American Chemical Society, 2017, 139, 2833-2841. | 13.7 | 34 |
| 8 | Tracking BO ₆ Coupling in Perovskite Superlattices to Engineer Magnetic Interface Behavior. Microscopy and Microanalysis, 2016, 22, 904-905. | 0.4 | 0 |
| 9 | Synthesis and Characterization of 2D Molybdenum Carbide (MXene). Advanced Functional Materials, 2016, 26, 3118-3127. | 14.9 | 945 |
| 10 | Control of electronic properties of 2D carbides (MXenes) by manipulating their transition metal layers. Nanoscale Horizons, 2016, 1, 227-234. | 8.0 | 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, . | 2.5 | 217 |
| 12 | Electronic transition above room temperature in CaMn ₇ O ₁₂ films. Applied Physics Letters, 2015, 107, 142901. | 3.3 | 9 |
| 13 | Synthesis, Structure, and Spectroscopy of Epitaxial EuFeO ₃ Thin Films. Crystal Growth and Design, 2015, 15, 1105-1111. | 3.0 | 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. | 8.7 | 62 |
| 15 | Towards 3D Mapping of BO ₆ Octahedron Rotations at Perovskite Heterointerfaces, Unit Cell by Unit Cell. ACS Nano, 2015, 9, 8412-8419. | 14.6 | 78 |
| 16 | Spatial control of functional properties via octahedral modulations in complex oxide superlattices. Nature Communications, 2014, 5, 5710. | 12.8 | 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. | 21.0 | 41 |
| 18 | Effect of Interfacial Octahedral Behavior in Ultrathin Manganite Films. Nano Letters, 2014, 14, 2509-2514. | 9.1 | 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. | 13.7 | 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, . | 3.8 | 9 |
| 21 | Strain-Controlled Epitaxial Stabilization in Ultrathin LaNiO_3 Films Grown by Pulsed Laser Deposition. Crystal Growth and Design, 2013, 13, 2256-2259. | 3.0 | 5 |
| 22 | Epitaxial stabilization of ultra-thin films of EuNiO_3 . Journal Physics D: Applied Physics, 2013, 46, 385303. | 2.8 | 13 |
| 23 | Field-effect diode based on electron-induced Mott transition in NdNiO_3 . Applied Physics Letters, 2012, 101, 143111. | 3.3 | 18 |
| 24 | Epitaxial growth of (111)-oriented $\text{LaAlO}_3/\text{LaNiO}_3$ ultra-thin superlattices. Applied Physics Letters, 2012, 101, . | 3.3 | 51 |
| 25 | Plasmon Response of a Quantum-Confined Electron Gas Probed by Core-Level Photoemission. Physical Review Letters, 2011, 106, 197601. | 7.8 | 12 |
| 26 | Sub-monolayer nucleation and growth of complex oxides at high supersaturation and rapid flux modulation. Journal of Applied Physics, 2011, 109, 114303. | 2.5 | 23 |
| 27 | Asymmetric Orbital-Lattice Interactions in Ultrathin Correlated Oxide Films. Physical Review Letters, 2011, 107, 116805. | 7.8 | 158 |
| 28 | Influence of interface reconstruction on the formation and superconductive properties of metastable Pb-Ga alloy films. Physical Review B, 2011, 84, . | 3.2 | 0 |
| 29 | Controlled Self-Organization of Atom Vacancies in Monatomic Gallium Layers. Physical Review Letters, 2007, 99, 116102. | 7.8 | 10 |
| 30 | The GMI profiles of surface-removed amorphous ribbon. Physica B: Condensed Matter, 2003, 327, 357-359. | 2.7 | 8 |
| 31 | The change of saturation magnetization in neutron-irradiated low-alloy steel. Physica B: Condensed Matter, 2003, 327, 315-318. | 2.7 | 14 |