

Hon Fai Wong

List of Publications by Year in descending order

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18
papers

142
citations

1307594

7
h-index

1199594

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18
all docs

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docs citations

18
times ranked

311
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A ferroelectric relaxor polymer-enhanced p-type WSe ₂ transistor. <i>Nanoscale</i> , 2018, 10, 1727-1734. | 5.6 | 31 |
| 2 | Effect of Thickness on the Optical and Electrical Properties of ITO/Au/ITO Sandwich Structures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13437-13446. | 8.0 | 17 |
| 3 | High-Temperature Anomalous Hall Effect in a Transition Metal Dichalcogenide Ferromagnetic Insulator Heterostructure. <i>ACS Nano</i> , 2020, 14, 7077-7084. | 14.6 | 15 |
| 4 | WS ₂ nanotube formation by sulphurization: Effect of precursor tungsten film thickness and stress. <i>Materials Chemistry and Physics</i> , 2016, 181, 352-358. | 4.0 | 12 |
| 5 | Rectify Effect of Pedot:PSS/WS ₂ Heterostructure. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800829. | 1.8 | 10 |
| 6 | Electrical and optical properties of Li _x Ni _{1-x} O/ln:Mg _x Zn _{1-x} O heteroepitaxial junction grown on TiN buffered Si. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2202-2205. | 1.8 | 8 |
| 7 | Multiple-mode excitation in spin-transfer nanocontacts with dynamic polarizer. <i>Applied Physics Letters</i> , 2011, 98, 242506. | 3.3 | 7 |
| 8 | Percolative multi-susceptible PVDF/NZFO composite films with triply controlled high dielectric and magnetic properties. <i>Journal of Applied Physics</i> , 2018, 123, . | 2.5 | 7 |
| 9 | Large-Area Anodized Alumina Nanopore Arrays Assisted by Soft Ultraviolet Nanoimprint Pre patterning. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 6315-6320. | 0.9 | 6 |
| 10 | Magnetoresistance of Manganite-Cobalt Ferrite Spacerless Junctions. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4. | 2.1 | 6 |
| 11 | Enhanced tunability of electrical and magnetic properties in (La,Sr)MnO ₃ thin films via field-assisted oxygen vacancy modulation. <i>Solid-State Electronics</i> , 2017, 138, 56-61. | 1.4 | 6 |
| 12 | Exchange bias effect in epitaxial La _{0.35} Sr _{0.65} MnO ₃ /La _{0.7} Sr _{0.3} MnO ₃ bilayers: Impact of antiferromagnet growth conditions. <i>Vacuum</i> , 2020, 175, 109280. | 3.5 | 5 |
| 13 | Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56541-56548. | 8.0 | 4 |
| 14 | Enhanced Anomalous Hall Effect in Pt/CoO Heterostructures by Ferrimagnetic Insulator Gating. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1099-1104. | 4.3 | 3 |
| 15 | Fabrication and Characterization of Epitaxial Gd-Doped SBN Thin Films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800660. | 1.8 | 3 |
| 16 | Observation of Interfacial Antiferromagnetic Coupling Between Ferrimagnetic Garnet Thin Films. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5. | 2.1 | 2 |
| 17 | Interfacial Tm ³⁺ moment-driven anomalous Hall effect in Pt/Tm ₃ Fe ₅ O ₁₂ heterostructure. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 501, 166454. | 2.3 | 0 |
| 18 | Modulating Antiferromagnetic La _{0.35} Sr _{0.65} MnO ₃ via Low-Voltage Pulsing Across a Ferroelectric Copolymer Gate Dielectric. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5. | 2.1 | 0 |