

Alexandra Papadogianni

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

280
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

588
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Perovskite Sr-doped LaCrO_3 as a New p-Type Transparent Conducting Oxide. <i>Advanced Materials</i> , 2015, 27, 5191-5195. | 21.0 | 160 |
| 2 | The role of surface electron accumulation and bulk doping for gas-sensing explored with single-crystalline In_2O_3 thin films. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 909-916. | 7.8 | 41 |
| 3 | Processing Strategies for High-Performance Schottky Contacts on n-Type Oxide Semiconductors: Insights from In_2O_3 . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27073-27087. | 8.0 | 26 |
| 4 | The Itinerant 2D Electron Gas of the Indium Oxide (111) Surface: Implications for Carbon and Energy Conversion Applications. <i>Small</i> , 2020, 16, e1903321. | 10.0 | 17 |
| 5 | Hall and Seebeck measurements estimate the thickness of a (buried) carrier system: Identifying interface electrons in In-doped SnO_2 films. <i>Applied Physics Letters</i> , 2015, 107, . | 3.3 | 11 |
| 6 | Two-dimensional electron gas of the In_2O_3 surface: Enhanced thermopower, electrical transport properties, and reduction by adsorbates or compensating acceptor doping. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 8 |
| 7 | The electrical conductivity of cubic $(\text{In}_{1-x}\text{Ga}_x)_2\text{O}_3$ films (x ≈ 0.18): native bulk point defects, Sn-doping, and the surface electron accumulation layer. <i>Japanese Journal of Applied Physics</i> , 2022, 61, 045502. | 1.5 | 5 |
| 8 | Molecular beam epitaxy of single-crystalline bixbyite Tl_2ETQO_3 . | 2.4 | 5 |
| 9 | Structural and electron transport properties of single-crystalline In_2O_3 films compensated by Ni acceptors. <i>Applied Physics Letters</i> , 2017, 111, 262103. | 3.3 | 4 |
| 10 | Bandgap widening and behavior of Raman-active phonon modes of cubic single-crystalline $(\text{In,Ga})_2\text{O}_3$ alloy films. <i>Applied Physics Letters</i> , 2021, 119, . | 3.3 | 3 |