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Epitaxial growth of In_2Se_3 and Ga_2Se_3 , In_2S_3 , and Ga_2S_3 on In_2Se_3 - Ga_2Se_3

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#	Paper	IF	Citations
78	Temperature-dependent growth of few layer InSe and In_2Se_3 single crystals for optoelectronic device. <i>Semiconductor Science and Technology</i> , 2018 , 33, 125002	1.8	14
77	Mechanically exfoliated InSe as a saturable absorber for mode-locking a thulium-doped fluoride fiber laser operating in S-band. <i>Applied Optics</i> , 2018 , 57, 6937-6942	1.7	14
76	Exotic magnetism in As-doped InSe monolayers with tunable anisotropic carrier mobility. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 19234-19241	3.6	8
75	Computational Study of Ohmic Contact at Bilayer InSe -Metal Interfaces: Implications for Field-Effect Transistors. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6898-6908	5.6	8
74	Atomic-Scale Observation of Reversible Thermally Driven Phase Transformation in 2D InSe . <i>ACS Nano</i> , 2019 , 13, 8004-8011	16.7	31
73	Recent Progress in 2D Layered III-VI Semiconductors and their Heterostructures for Optoelectronic Device Applications. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900108	6.8	54
72	Growth of vertical heterostructures based on orthorhombic SnSe /hexagonal In_2Se_3 for high-performance photodetectors. <i>Nanoscale Advances</i> , 2019 , 1, 2606-2611	5.1	8
71	Structural and Optical Properties of Ga_2Se_3 Crystals by Spectroscopic Ellipsometry. <i>Journal of Electronic Materials</i> , 2019 , 48, 2418-2422	1.9	9
70	Optical properties of $(\text{Ga}_2\text{Se}_3)_{0.75}(\text{Ga}_2\text{S}_3)_{0.25}$ single crystals by spectroscopic ellipsometry. <i>Physica B: Condensed Matter</i> , 2019 , 560, 6-10	2.8	3
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65	High Responsivity and Photovoltaic Effect Based on Vertical Transport in Multilayer In_2Se_3 . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020 , 217, 1900932	1.6	6
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63	Epitaxial growth of few-layer In_2Se_3 thin films by metalorganic chemical vapor deposition. <i>Journal of Crystal Growth</i> , 2020 , 533, 125471	1.6	8
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44	First-principles investigation of structural and electronic properties of Hphase In2Se3. <i>Materials Today Communications</i> , 2021 , 27, 102452	2.5	0

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