

John Mann

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	2D Dimensional Transition Metal Dichalcogenides with Tunable Direct Band Gaps: $\text{MoS}_2(1-x)\text{Se}_x$ Monolayers. <i>Advanced Materials</i> , 2014, 26, 1399-1404.	21.0	334
2	Superlinear Composition-Dependent Photocurrent in CVD-Grown Monolayer $\text{MoS}_2(1-x)\text{Se}_x$ Alloy Devices. <i>Nano Letters</i> , 2015, 15, 2612-2619.	9.1	118
3	Postgrowth Tuning of the Bandgap of Single-Layer Molybdenum Disulfide Films by Sulfur/Selenium Exchange. <i>ACS Nano</i> , 2014, 8, 4672-4677.	14.6	101
4	Scalable fabrication of a hybrid field-effect and acousto-electric device by direct growth of monolayer $\text{MoS}_2/\text{LiNbO}_3$. <i>Nature Communications</i> , 2015, 6, 8593.	12.8	91
5	Controlled argon beam-induced desulfurization of monolayer molybdenum disulfide. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 252201.	1.8	75
6	Facile growth of monolayer MoS_2 film areas on SiO_2 . <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	61
7	Chemical vapor deposition growth of a periodic array of single-layer MoS_2 islands via lithographic patterning of an SiO_2/Si substrate. <i>2D Materials</i> , 2015, 2, 045014.	4.4	29
8	Combined electrical transport and capacitance spectroscopy of a $\text{MoS}_2\text{-LiNbO}_3$ field effect transistor. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	14
9	Unusual temperature dependence of the oxygen-isotope effect on the exchange-energy of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ at high temperatures. <i>Physical Review B</i> , 2008, 77, .	3.2	6