

# Mason J Gray

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3726194/publications.pdf>

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13  
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933447

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1125743

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docs citations

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times ranked

1992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-Controllable Synthesis of Ultrathin Molybdenum Nitride Crystals Via Atomic Substitution of MoS <sub>2</sub> . Chemistry of Materials, 2022, 34, 351-357.	6.7	12
2	ac Susceptometry of 2D van der Waals Magnets Enabled by the Coherent Control of Quantum Sensors. PRX Quantum, 2021, 2, .	9.2	5
3	Modulation Doping via a Two-Dimensional Atomic Crystalline Acceptor. Nano Letters, 2020, 20, 8446-8452.	9.1	44
4	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.3	13
5	Detection of a multi-disease biomarker in saliva with graphene field effect transistors. Medical Devices & Sensors, 2020, 3, e10121.	2.7	11
6	High mobility in a van der Waals layered antiferromagnetic metal. Science Advances, 2020, 6, eaay6407.	10.3	85
7	Dielectrophoresis assisted rapid, selective and single cell detection of antibiotic resistant bacteria with G-FETs. Biosensors and Bioelectronics, 2020, 156, 112123.	10.1	62
8	Evidence for Helical Hinge Zero Modes in an Fe-Based Superconductor. Nano Letters, 2019, 19, 4890-4896.	9.1	51
9	Colossal mid-infrared bulk photovoltaic effect in a type-I Weyl semimetal. Nature Materials, 2019, 18, 471-475.	27.5	253
10	Coulomb blockade in an atomically thin quantum dot coupled to a tunable Fermi reservoir. Nature Nanotechnology, 2019, 14, 442-446.	31.5	54
11	Magneto-elastic coupling in a potential ferromagnetic 2D atomic crystal. 2D Materials, 2016, 3, 025035.	4.4	195
12	Annealing and transport studies of suspended molybdenum disulfide devices. Nanotechnology, 2015, 26, 105709.	2.6	29
13	Ionic Liquid Gating of Suspended MoS <sub>2</sub> Field Effect Transistor Devices. Nano Letters, 2015, 15, 5284-5288.	9.1	71