

# Chun Hung Lui

## List of Publications by Year in descending order

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15  
papers

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623734

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times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Switchable Intervalley Excitons with Strong Two-Phonon Scattering in Bilayer WSe <sub>2</sub> . Nano Letters, 2022, 22, 1829-1835.	9.1	11
2	Optical absorption of interlayer excitons in transition-metal dichalcogenide heterostructures. Science, 2022, 376, 406-410.	12.6	42
3	Spin-induced linear polarization of photoluminescence in antiferromagnetic van der Waals crystals. Nature Materials, 2021, 20, 964-970.	27.5	59
4	Signatures of moiré trions in WSe <sub>2</sub> /MoSe <sub>2</sub> heterobilayers. Nature, 2021, 594, 46-50.	27.8	77
5	Excitonic and Valley-Polarization Signatures of Fractional Correlated Electronic Phases in a Moiré Superlattice. Physical Review Letters, 2021, 127, 037402.	7.8	43
6	Exciton-polaron Rydberg states in monolayer MoSe <sub>2</sub> and WSe <sub>2</sub> . Nature Communications, 2021, 12, 6131.	12.8	34
7	Multipath Optical Recombination of Intervalley Dark Excitons and Trions in Monolayer WSe <sub>2</sub> . Physical Review Letters, 2020, 124, 196802.	7.8	57
8	Landau-Quantized Excitonic Absorption and Luminescence in a Monolayer Valley Semiconductor. Physical Review Letters, 2020, 124, 097401.	7.8	25
9	Gate Tunable Dark Trions in Monolayer WSe <sub>2</sub> . Physical Review Letters, 2019, 123, 027401.	7.8	19
10	Magnetophotoluminescence of exciton Rydberg states in monolayer WSe <sub>2</sub> . Physical Review B, 2019, 99, .	3.2	40
11	Giant intrinsic photoresponse in pristine graphene. Nature Nanotechnology, 2019, 14, 145-150.	31.5	61
12	Valley-selective chiral phonon replicas of dark excitons and trions in monolayer WS <sub>2</sub> . Physical Review Research, 2019, 1, .	3.6	69
13	Midgap States in PbS Quantum Dots Induced by Cd and Zn Enhance Photon Upconversion. ACS Energy Letters, 2018, 3, 767-772.	17.4	34
14	Large, valley-exclusive Bloch-Siegert shift in monolayer WS <sub>2</sub> . Science, 2017, 355, 1066-1069.	12.6	102
15	Observation of Intervalley Biexcitonic Optical Stark Effect in Monolayer WS <sub>2</sub> . Nano Letters, 2016, 16, 7421-7426.	9.1	49