Chih-Wei Lai

List of Publications by Year
in descending order

23	1,579	566801 15	713013 21
papers	citations	h-index	g-index

23	23	23	1585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards Boseâ€“Einstein condensation of excitons in potential traps. Nature, 2002, 417, 47-52.	13.7	382
2	Coherent zero-state and Ï€-state in an excitonâ€“polariton condensate array. Nature, 2007, 450, 529-532.	13.7	366
3	Observation of Bogoliubov excitations in exciton-polariton condensates. Nature Physics, 2008, 4, 700-705.	6.5	245
4	Knight-Field-Enabled Nuclear Spin Polarization in Single Quantum Dots. Physical Review Letters, 2006, 96, 167403.	2.9	176
5	Observation of Magnetically Induced Effective-Mass Enhancement of Quasi-2D Excitons. Physical Review Letters, 2001, 87, 216804.	2.9	75
6	Spin splitting in 2D monochalcogenide semiconductors. Scientific Reports, 2015, 5, 17044.	1.6	55
7	Phase Diagram of Degenerate Exciton Systems. Science, 2004, 303, 503-506.	6.0	49
8	Dynamics of Inter-Landau-Level Excitations of a Two-Dimensional Electron Gas in the Quantum Hall Regime. Physical Review Letters, 2002, 89, 067401.	2.9	35
9	Coulomb correlations in a two-dimensional electron gas in large magnetic fields. Physical Review B, 2002, 66, .	1.1	31
10	Layer- and frequency-dependent second harmonic generation in reflection from GaSe atomic crystals. Physical Review B, 2016, 94, .	1.1	27
11	GaAs microcavity excitonâ€polaritons in a trap. Physica Status Solidi (B): Basic Research, 2008, 245, 1076-1080.	0.7	26
12	Signature of the microcavity excitonâ€“polariton relaxation mechanism in the polarization of emitted light. Physical Review B, 2009, 79, .	1.1	24
13	Optical and spin polarization dynamics in GaSe nanoslabs. Physical Review B, 2015, 91, .	1.1	24
14	Ultrafast spin-polarized lasing in a highly photoexcited semiconductor microcavity at room temperature. Physical Review B, 2015, 91, .	1.1	20
15	Raman scattering and red fluorescence in the photochemical transformation of dry tryptophan particles. Optics Express, 2016, 24, 11654.	1.7	17
16	Exciton spin dynamics in GaSe. Journal of Applied Physics, 2015, 118, 113103.	1.1	11
17	Linearly Polarized Remote-Edge Luminescence in GaSe Nanoslabs. Physical Review Applied, 2015, 4, .	1.5	7
18	Absolute instrument spectral response measurements using angle-resolved parametric fluorescence. Optics Express, 2013, 21, 18538.	1.7	3

#	Article	IF	Citations
19	Multiple-pulse microcavity lasing from an optically induced confinement. Optica, 2016, 3, 1477.	4.8	3
20	Transient dual-energy lasing in a semiconductor microcavity. Scientific Reports, 2015, 5, 15347.	1.6	1
21	Room-Temperature Macroscopic Coherence of Two Electron-Hole Plasmas in a Microcavity. Physical Review Letters, 2020, 124, 157402.	2.9	1
22	Room temperature spin-polarized polariton lasers. , 2013, , .		1
23	Electric current induced anti-traps for indirect excitons. Superlattices and Microstructures, 2007, 41, 392-395.	1.4	0