Chih-Wei Lai

List of Publications by Year
in descending order

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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	Room-Temperature Macroscopic Coherence of Two Electron-Hole Plasmas in a Microcavity. Physical Review Letters, 2020, 124, 157402.	2.9	1
2	Multiple-pulse microcavity lasing from an optically induced confinement. Optica, 2016, 3, 1477.	4.8	3
3	Raman scattering and red fluorescence in the photochemical transformation of dry tryptophan particles. Optics Express, 2016, 24, 11654.	1.7	17
4	Layer- and frequency-dependent second harmonic generation in reflection from GaSe atomic crystals. Physical Review B, 2016, 94, .	1.1	27
5	Linearly Polarized Remote-Edge Luminescence in GaSe Nanoslabs. Physical Review Applied, 2015, 4, .	1.5	7
6	Ultrafast spin-polarized lasing in a highly photoexcited semiconductor microcavity at room temperature. Physical Review B, 2015, 91, .	1.1	20
7	Optical and spin polarization dynamics in GaSe nanoslabs. Physical Review B, 2015, 91, .	1.1	24
8	Exciton spin dynamics in GaSe. Journal of Applied Physics, 2015, 118, 113103.	1.1	11
9	Spin splitting in 2D monochalcogenide semiconductors. Scientific Reports, 2015, 5, 17044.	1.6	55
10	Transient dual-energy lasing in a semiconductor microcavity. Scientific Reports, 2015, 5, 15347.	1.6	1
11	Absolute instrument spectral response measurements using angle-resolved parametric fluorescence. Optics Express, 2013, 21, 18538.	1.7	3
12	Room temperature spin-polarized polariton lasers. , 2013, , .		1
13	Signature of the microcavity excitonâ€“polariton relaxation mechanism in the polarization of emitted light. Physical Review B, 2009, 79, .	1.1	24
14	GaAs microcavity excitonâ€polaritons in a trap. Physica Status Solidi (B): Basic Research, 2008, 245, 1076-1080.	0.7	26
15	Observation of Bogoliubov excitations in exciton-polariton condensates. Nature Physics, 2008, 4, 700-705.	6.5	245
16	Electric current induced anti-traps for indirect excitons. Superlattices and Microstructures, 2007, 41, 392-395.	1.4	0
17	Coherent zero-state and Ï€-state in an excitonâ€“polariton condensate array. Nature, 2007, 450, 529-532.	13.7	366
18	Knight-Field-Enabled Nuclear Spin Polarization in Single Quantum Dots. Physical Review Letters, 2006, 96, 167403.	2.9	176

#	Article	IF	Citations
19	Phase Diagram of Degenerate Exciton Systems. Science, 2004, 303, 503-506.	6.0	49
20	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
21	Coulomb correlations in a two-dimensional electron gas in large magnetic fields. Physical Review B, 2002, 66, .	1.1	31
22	Towards Boseâ€“Einstein condensation of excitons in potential traps. Nature, 2002, 417, 47-52.	13.7	382
23	Observation of Magnetically Induced Effective-Mass Enhancement of Quasi-2D Excitons. Physical Review Letters, 2001, 87, 216804.	2.9	75