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Optical properties of monolayer transition metal dichalcogenides probed by spectroscopic ellipsometry

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#	Paper	IF	Citations
291	Two-dimensional transition-metal dichalcogenide materials: Toward an age of atomic-scale photonics. <b>2015</b> , 40, 592-599		48
290	Optical Limiting and Theoretical Modelling of Layered Transition Metal Dichalcogenide Nanosheets. <b>2015</b> , 5, 14646		174
289	Cube-like Cu <sub>2</sub> MoS <sub>4</sub> photocatalysts for visible light-driven degradation of methyl orange. <b>2015</b> , 5, 077130		17
288	Exciton-dominated Dielectric Function of Atomically Thin MoS <sub>2</sub> Films. <b>2015</b> , 5, 16996		114
287	Visibility of atomically-thin layered materials buried in silicon dioxide. <b>2015</b> , 26, 455701		5
286	Measuring the refractive index of highly crystalline monolayer MoS <sub>2</sub> with high confidence. <b>2015</b> , 5, 8440		119
285	Direct Observation of Degenerate Two-Photon Absorption and Its Saturation in WS <sub>2</sub> and MoS <sub>2</sub> Monolayer and Few-Layer Films. <b>2015</b> , 9, 7142-50		254
284	Symmetry-dependent exciton-phonon coupling in 2D and bulk MoS <sub>2</sub> observed by resonance Raman scattering. <b>2015</b> , 114, 136403		135
283	Anomalous lattice vibrations of monolayer MoS <sub>2</sub> probed by ultraviolet Raman scattering. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 14561-8	3.6	31
282	Second harmonic generation in nanoscale films of transition metal dichalcogenide: Accounting for multipath interference. <b>2016</b> , 6, 095306		7
281	Exciton formation in monolayer transition metal dichalcogenides. <i>Nanoscale</i> , <b>2016</b> , 8, 11681-8	7.7	111
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279	Optoelectronic investigation of monolayer MoS <sub>2</sub> /WSe <sub>2</sub> vertical heterojunction photoconversion devices. <b>2016</b> , 30, 260-266		27
278	Nano-optical imaging of WSe <sub>2</sub> waveguide modes revealing light-exciton interactions. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	58
277	Investigations of vapour-phase deposited transition metal dichalcogenide films for future electronic applications. <i>Solid-State Electronics</i> , <b>2016</b> , 125, 39-51	1.7	30
276	Structure and Physico-Chemical Properties of Single Layer and Few-Layer TMDCs. <i>Springer Series in Materials Science</i> , <b>2016</b> , 109-163	0.9	
275	Electronic Band Structure of 2D TMDCs. <i>Springer Series in Materials Science</i> , <b>2016</b> , 165-226	0.9	1

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272	Highly active and reflective MoS2 counter electrode for enhancement of photovoltaic efficiency of dye sensitized solar cells. <b>2016</b> , 212, 614-620		35
271	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. <b>2016</b> , 6, 28190		198
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251	Lattice Plasmon Induced Large Enhancement of Excitonic Emission in Monolayer Metal Dichalcogenides. <b>2017</b> , 12, 1975-1981		5
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