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MoS₂ nanosheet phototransistors with thickness-modulated optical energy gap

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#	Paper	IF	Citations
1161	Reversible MoS2 Origami with Spatially Resolved and Reconfigurable Photosensitivity.		
1160	Electronics and optoelectronics of two-dimensional transition metal dichalcogenides. 2012 , 7, 699-712		10871
1159	Effects of confinement and environment on the electronic structure and exciton binding energy of MoS2 from first principles. 2012 , 86,		474
1158	Schottky-barrier solar cell based on layered semiconductor tungsten disulfide nanofilm. 2012 , 101, 263902		35
1157	Field-effect transistors and intrinsic mobility in ultra-thin MoSe2 layers. 2012 , 101, 223104		414
1156	Layered semiconductor molybdenum disulfide nanomembrane based Schottky-barrier solar cells. 2012 , 4, 7399-405		179
1155	Elucidating the Photoresponse of Ultrathin MoS2 Field-Effect Transistors by Scanning Photocurrent Microscopy. 2013 , 4, 2508-2513		169
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1152	Band structure tunability in MoS2 under interlayer compression: A DFT and GW study. 2013 , 87,		38
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