

Layer-by-layer assembly of two-dimensional materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Complexity of two-dimensional self-assembled arrays at surfaces. <i>Chemical Communications</i> , 2017, 53, 11528-11539.	2.2	18
2	The intrinsic interface properties of the top and edge 1T/2H <i>MoS₂</i> contact: A first-principles study. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	19
3	Materials-by-design: computation, synthesis, and characterization from atoms to structures. <i>Physica Scripta</i> , 2018, 93, 053003.	1.2	32
4	Autonomous robotic searching and assembly of two-dimensional crystals to build van der Waals superlattices. <i>Nature Communications</i> , 2018, 9, 1413.	5.8	212
5	Minimizing residues and strain in 2D materials transferred from PDMS. <i>Nanotechnology</i> , 2018, 29, 265203.	1.3	108
6	Exploring Two-Dimensional Materials toward the Next-Generation Circuits: From Monomer Design to Assembly Control. <i>Chemical Reviews</i> , 2018, 118, 6236-6296.	23.0	410
7	Structural Engineering of 2D Nanomaterials for Energy Storage and Catalysis. <i>Advanced Materials</i> , 2018, 30, e1706347.	11.1	297
8	Surface-Functionalization-Mediated Direct Transfer of Molybdenum Disulfide for Large-Area Flexible Devices. <i>Advanced Functional Materials</i> , 2018, 28, 1706231.	7.8	66
9	One-pot growth of two-dimensional lateral heterostructures via sequential edge-epitaxy. <i>Nature</i> , 2018, 553, 63-67.	13.7	394
10	Atomic Insights into Phase Evolution in Ternary Transition-Metal Dichalcogenides Nanostructures. <i>Small</i> , 2018, 14, e1800780.	5.2	13
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15	Spin-valley decoupling in magnetic silicene superlattices. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 045303.	1.3	3
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17	Mixed-dimensional 2D/3D heterojunctions between <i>MoS₂</i> and Si(100). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25240-25245.	1.3	7
18	Visible-light initiated polymerization of dopamine in a neutral environment for surface coating and visual protein detection. <i>Polymer Chemistry</i> , 2018, 9, 5242-5247.	1.9	17

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20	Interlayer interactions in 2D WS ₂ /MoS ₂ heterostructures monolithically grown by <i>in situ</i> physical vapor deposition. <i>Nanoscale</i> , 2018, 10, 22927-22936.	2.8	62
22	Recent Advances in Synthesis and Assembly of van der Waals Materials. <i>Journal of the Korean Physical Society</i> , 2018, 73, 805-816.	0.3	11
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