Cheolmin Park

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5515476/publications.pdf

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10 papers	234 citations	1684188 5 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	328 citing authors

#	Article	IF	Citations
1	Ultrasensitive Phototransistor Based on WSe₂â€“MoS₂ van der Waals Heterojunction. Nano Letters, 2020, 20, 5741-5748.	9.1	133
2	Low-Temperature and High-Quality Growth of Bi₂O₂Se Layered Semiconductors via Cracking Metalâ€“Organic Chemical Vapor Deposition. ACS Nano, 2021, 15, 8715-8723.	14.6	35
3	Ultrasensitive WSe₂/Î±â€In₂Se₃ NIR Photodetector Based on Ferroelectric Gating Effect. Advanced Materials Technologies, 2021, 6, 2100494.	5.8	26
4	High-Performance Field-Effect Transistor and Logic Gates Based on GaSâ€“MoS₂ van der Waals Heterostructure. ACS Applied Materials & Interfaces, 2020, 12, 5106-5112.	8.0	17
5	Wafer-Scale Uniform Growth of an Atomically Thin MoS₂ Film with Controlled Layer Numbers by Metalâ€“Organic Chemical Vapor Deposition. ACS Applied Materials & Interfaces, 2021, 13, 50497-50504.	8.0	11
6	Atomically thin heterostructure with gap-mode plasmon for overcoming trade-off between photoresponsivity and response time. Nano Research, 2021, 14, 1305-1310.	10.4	5
7	Enhanced Electrical Properties of Metalâ€Organic Chemical Vapor Depositionâ€Grown MoS₂ Thin Films through Oxygenâ€Assisted Defect Control. Advanced Electronic Materials, 2022, 8, .	5.1	4
8	Spatially isolated neutral excitons via clusters on trilayer MoS₂. Nanoscale, 2022, 14, 4304-4311.	5.6	2
9	A feasible strategy to prepare quantum dot-incorporated carbon nanofibers as free-standing platforms. Nanoscale Advances, 2019, 1, 3948-3956.	4.6	1
10	Lowâ€Thermalâ€Budget Doping: Lowâ€Thermalâ€Budget Doping of 2D Materials in Ambient Air Exemplified by Synthesis of Boronâ€Doped Reduced Graphene Oxide (Adv. Sci. 7/2020). Advanced Science, 2020, 7, 2070039.	11.2	0