Yu Kobayashi

List of Publications by Year
in descending order

15	916	840776 11	1125743 13
papers	citations	h-index	g-index

15	15	15	1764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roomâ€Temperature Chiral Lightâ€Emitting Diode Based on Strained Monolayer Semiconductors. Advanced Materials, 2021, 33, e2100601.	21.0	16
2	Roomâ€Temperature Chiral Lightâ€Emitting Diode Based on Strained Monolayer Semiconductors (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10	21.0	0
3	Highâ€Resolution Electrochemical Mapping of the Hydrogen Evolution Reaction on Transitionâ€Metal Dichalcogenide Nanosheets. Angewandte Chemie, 2020, 132, 3629-3636.	2.0	11
4	Highâ€Resolution Electrochemical Mapping of the Hydrogen Evolution Reaction on Transitionâ€Metal Dichalcogenide Nanosheets. Angewandte Chemie - International Edition, 2020, 59, 3601-3608.	13.8	136
5	One-dimensional van der Waals heterostructures. Science, 2020, 367, 537-542.	12.6	238
6	Exciton Polarization and Renormalization Effect for Optical Modulation in Monolayer Semiconductors. ACS Nano, 2019, 13, 9218-9226.	14.6	9
7	Growth and characterization of in-plane heterostructures based on two-dimensional materials. , 2019, , .		0
8	Tunable Chemical Coupling in Two-Dimensional van der Waals Electrostatic Heterostructures. ACS Nano, 2019, 13, 11214-11223.	14.6	13
9	Restoring the intrinsic optical properties of CVD-grown MoS₂ monolayers and their heterostructures. Nanoscale, 2019, 11, 12798-12803.	5.6	37
10	Continuous Heteroepitaxy of Two-Dimensional Heterostructures Based on Layered Chalcogenides. ACS Nano, 2019, 13, 7527-7535.	14.6	48
11	Direct and Indirect Interlayer Excitons in a van der Waals Heterostructure of hBN/WS₂/MoS₂/hBN. ACS Nano, 2018, 12, 2498-2505.	14.6	96
12	Modulation of electrical potential and conductivity in an atomic-layer semiconductor heterojunction. Scientific Reports, 2016, 6, 31223.	3.3	44
13	Microscopic basis for the band engineering of Mo1â^'xWxS2-based heterojunction. Scientific Reports, 2015, 5, 14808.	3.3	52
14	Bandgap-tunable lateral and vertical heterostructures based on monolayer Mo1-x W x S2 alloys. Nano Research, 2015, 8, 3261-3271.	10.4	54
15	Growth and Optical Properties of High-Quality Monolayer WS₂ on Graphite. ACS Nano, 2015, 9, 4056-4063.	14.6	162