Guang Hui Yu

List of Publications by Year
in descending order

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		840776	940533
17	328	11	16
papers	citations	h-index	g-index

17	17	17	504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast and controllable synthesis of AB-stacked bilayer MoS₂for photoelectric detection. 2D Materials, 2022, 9, 015016.	4.4	11
2	Conversion of the stacking orientation of bilayer graphene through high-pressure treatment. Carbon, 2021, 172, 480-487.	10.3	6
3	Singleâ€Crystal MoS₂ Monolayer Wafer Grown on Au (111) Film Substrates. Small, 2021, 17, e2100743.	10.0	29
4	Epitaxial growth of wafer scale antioxidant single-crystal graphene on twinned Pt(111). Carbon, 2021, 181, 225-233.	10.3	12
5	Role of hydrogen and oxygen in the study of substrate surface impurities and defects in the chemical vapor deposition of graphene. Carbon, 2021, 185, 82-95.	10.3	10
6	Crack-and-Fold Style Defects in CVD Graphene on Raw Cu Foils. Journal of Electronic Materials, 2020, 49, 4403-4409.	2.2	5
7	Facile and rigorous route to distinguish the boundary structure of monolayer MoS2 domains by oxygen etching. Applied Surface Science, 2020, 510, 145412.	6.1	15
8	Singleâ€Crystal Graphene Wafers: Epitaxial Growth of 6 in. Singleâ€Crystalline Graphene on a Cu/Ni (111) Film at 750 Â°C via Chemical Vapor Deposition (Small 22/2019). Small, 2019, 15, 1970120.	10.0	0
9	Epitaxial Growth of 6 in. Singleâ€Crystalline Graphene on a Cu/Ni (111) Film at 750 Â°C via Chemical Vapor Deposition. Small, 2019, 15, e1805395.	10.0	71
10	Effects of carbon-based impurities on graphene growth. Physical Chemistry Chemical Physics, 2018, 20, 15419-15423.	2.8	11
11	Mechanism of SiOx particles formation during CVD graphene growth on Cu substrates. Carbon, 2018, 139, 989-998.	10.3	21
12	Realizing controllable graphene nucleation by regulating the competition of hydrogen and oxygen during chemical vapor deposition heating. Physical Chemistry Chemical Physics, 2016, 18, 23638-23642.	2.8	15
13	Edge morphology evolution of graphene domains during chemical vapor deposition cooling revealed through hydrogen etching. Nanoscale, 2016, 8, 4145-4150.	5.6	16
14	Invisible growth of microstructural defects in graphene chemical vapor deposition on copper foil. Carbon, 2016, 96, 237-242.	10.3	43
15	Effect of Hydrogen in Size-Limited Growth of Graphene by Atmospheric Pressure Chemical Vapor Deposition. Journal of Electronic Materials, 2015, 44, 79-86.	2.2	14
16	Stripe distributions of graphene-coated Cu foils and their effects on the reduction of graphene wrinkles. RSC Advances, 2015, 5, 96587-96592.	3.6	20
17	Wrinkle-dependent hydrogen etching of chemical vapor deposition-grown graphene domains. Carbon, 2014, 70, 75-80.	10.3	29