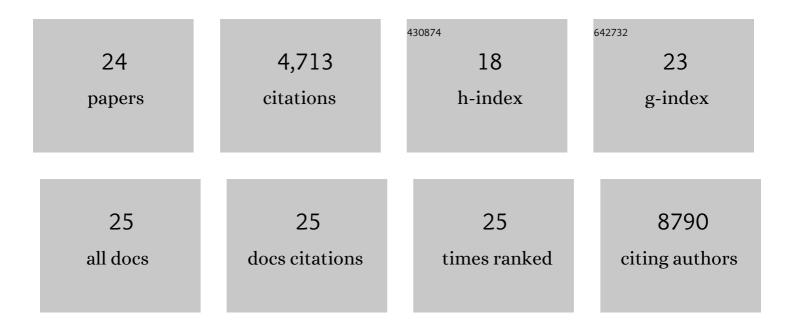
Qingkai Yu

List of Publications by Year in descending order

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Οινιςκαι Υμ

#	Article	IF	CITATIONS
1	Spontaneous Formation of 2D/3D Heterostructures on the Edges of 2D Ruddlesden–Popper Hybrid Perovskite Crystals. Chemistry of Materials, 2020, 32, 5009-5015.	6.7	45
2	Revealing the Origin of Luminescence Center in 0D Cs ₄ PbBr ₆ Perovskite. Chemistry of Materials, 2019, 31, 9098-9104.	6.7	93
3	Extrinsic Green Photoluminescence from the Edges of 2D Cesium Lead Halides. Advanced Materials, 2019, 31, e1902492.	21.0	75
4	High-quality graphene directly grown on Cu nanoparticles for Cu-graphene nanocomposites. Materials and Design, 2018, 139, 181-187.	7.0	58
5	New Strategy for Black Phosphorus Crystal Growth through Ternary Clathrate. Crystal Growth and Design, 2017, 17, 6579-6585.	3.0	38
6	Continuous Production of Graphite Nanosheets by Bubbling Chemical Vapor Deposition Using Molten Copper. Chemistry of Materials, 2017, 29, 8404-8411.	6.7	40
7	Inkjet Printed Flexible Biosensor Based on Graphene Field Effect Transistor. IEEE Sensors Journal, 2016, , 1-1.	4.7	28
8	Interfacial separation and electrochemical delamination of CVD grown multilayer graphene for recyclable use of Cu powder. RSC Advances, 2016, 6, 24865-24870.	3.6	11
9	Extreme Light Management in Mesoporous Wood Cellulose Paper for Optoelectronics. ACS Nano, 2016, 10, 1369-1377.	14.6	161
10	Fast growth of inch-sized single-crystalline graphene from a controlled single nucleus on Cu–Ni alloys. Nature Materials, 2016, 15, 43-47.	27.5	515
11	Room-temperature NH3 gas sensors based on Ag-doped γ-Fe2O3/SiO2 composite films with sub-ppm detection ability. Journal of Hazardous Materials, 2015, 298, 154-161.	12.4	33
12	Large-Area Graphene Electrodes: Using CVD to facilitate applications in commercial touchscreens, flexible nanoelectronics, and neural interfaces. IEEE Nanotechnology Magazine, 2015, 9, 6-14.	1.3	38
13	Efficient solar water-splitting using a nanocrystalline CoO photocatalyst. Nature Nanotechnology, 2014, 9, 69-73.	31.5	764
14	Enhanced fano-like phonon resonance in heavily doped graphene. , 2011, , .		0
15	Thermoelectric power of graphene as surface charge doping indicator. Applied Physics Letters, 2011, 99, .	3.3	35
16	Control and characterization of individual grains and grain boundaries in graphene grown by chemical vapour deposition. Nature Materials, 2011, 10, 443-449.	27.5	1,356
17	Graphene: Growth of Single Crystal Graphene Arrays by Locally Controlling Nucleation on Polycrystalline Cu Using Chemical Vapor Deposition (Adv. Mater. 42/2011). Advanced Materials, 2011, 23, 4897-4897.	21.0	4
18	Large-scale graphitic thin films synthesized on Ni and transferred to insulators: Structural and electronic properties. Journal of Applied Physics, 2010, 107, .	2.5	83

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#	Article	IF	CITATIONS
19	Room-temperature Fano resonance tunable by chemical doping in few-layer graphene synthesized by chemical-vapor deposition. Physical Review B, 2010, 82, .	3.2	16
20	High mobility ambipolar field effect transistors made from large-scale CVD graphitic thin films. , 2009, , .		2
21	Graphene segregated on Ni surfaces and transferred to insulators. Applied Physics Letters, 2008, 93, .	3.3	1,116
22	Horizontally aligned Cu5Si polycrystalline nanorods on Si. Applied Physics Letters, 2008, 92, 253113.	3.3	6
23	Mechanism of Horizontally Aligned Growth of Single-Wall Carbon Nanotubes on R-Plane Sapphire. Journal of Physical Chemistry B, 2006, 110, 22676-22680.	2.6	58
24	Patterning Metallic Nanostructures by Ion-Beam-Induced Dewetting and Rayleigh Instability. Nano Letters, 2006, 6, 1047-1052.	9.1	133