Chaw-Keong Yong

List of Publications by Year
in descending order

21 papers	1,635 citations	516681 16 h-index	839512 18 g-index
21 all docs	21 docs citations	21 times ranked	2625 citing authors

#	Article	IF	Citations
1	High-capacity hydrogen storage in lithium and sodium amidoboranes. Nature Materials, 2008, 7, 138-141.	27.5	583
2	Belt-Shaped Ï€-Systems: Relating Geometry to Electronic Structure in a Six-Porphyrin Nanoring. Journal of the American Chemical Society, 2011, 133, 17262-17273.	13.7	201
3	The entangled triplet pair state in acene and heteroacene materials. Nature Communications, 2017, 8, 15953.	12.8	171
4	Ultralow Surface Recombination Velocity in InP Nanowires Probed by Terahertz Spectroscopy. Nano Letters, 2012, 12, 5325-5330.	9.1	158
5	Ultrafast delocalization of excitation in synthetic light-harvesting nanorings. Chemical Science, 2015, 6, 181-189.	7.4	101
6	Twist-tailoring Coulomb correlations in van der Waals homobilayers. Nature Communications, 2020, 11, 2167.	12.8	63
7	Cobalt-catalyzed hydrogen desorption from the LiNH2â€“LiBH4 system. Dalton Transactions, 2008, , 2395.	3.3	56
8	Strong Carrier Lifetime Enhancement in GaAs Nanowires Coated with Semiconducting Polymer. Nano Letters, 2012, 12, 6293-6301.	9.1	54
9	Biexcitonic optical Stark effects in monolayer molybdenum diselenide. Nature Physics, 2018, 14, 1092-1096.	16.7	48
10	Nanoengineering Coaxial Carbon Nanotubeâ€“Dual-Polymer Heterostructures. ACS Nano, 2012, 6, 6058-6066.	14.6	36
11	Valley-dependent exciton fine structure and Autlerâ€“Townes doublets from Berry phases in monolayer MoSe2. Nature Materials, 2019, 18, 1065-1070.	27.5	34
12	Role ofÎ´-Hole-Doped Interfaces at Ohmic Contacts to Organic Semiconductors. Physical Review Letters, 2009, 103, 036601.	7.8	32
13	Direct Observation of Charge-Carrier Heating at WZâ€“ZB InP Nanowire Heterojunctions. Nano Letters, 2013, 13, 4280-4287.	9.1	31
14	Decoupling Charge Transport and Electroluminescence in a High Mobility Polymer Semiconductor. Advanced Materials, 2016, 28, 6378-6385.	21.0	22
15	Determination of the interface Î´-hole density in a blue-emitting organic semiconductor diode by electromodulated absorption spectroscopy. Applied Physics Letters, 2010, 97, .	3.3	17
16	Ultrafast Dynamics of Exciton Formation in Semiconductor Nanowires. Small, 2012, 8, 1725-1731.	10.0	16
17	Chain Coupling and Luminescence in High-Mobility, Low-Disorder Conjugated Polymers. ACS Nano, 2019, 13, 13716-13727.	14.6	7
18	Proximity control of interlayer exciton-phonon hybridization in van der Waals heterostructures. Nature Communications, 2021, 12, 1719.	12.8	5

#	Article	IF	Citations
19	High-capacity hydrogen storage in lithium and sodium amidoboranes. , 2010, , 276-279.		0
20	Measuring the electrical properties of semiconductor nanowires using terahertz conductivity spectroscopy. Proceedings of SPIE, 2013, , .	0.8	0
21	Probing the critical electronic properties of III–V nanowires using optical pump-terahertz probe spectroscopy. , 2013, , .		0