

Chaw-Keong Yong

List of Publications by Year in descending order

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Version: 2024-02-01

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	Proximity control of interlayer exciton-phonon hybridization in van der Waals heterostructures. Nature Communications, 2021, 12, 1719.	12.8	5
2	Twist-tailoring Coulomb correlations in van der Waals homobilayers. Nature Communications, 2020, 11, 2167.	12.8	63
3	Valley-dependent exciton fine structure and Autler-Townes doublets from Berry phases in monolayer MoSe ₂ . Nature Materials, 2019, 18, 1065-1070.	27.5	34
4	Chain Coupling and Luminescence in High-Mobility, Low-Disorder Conjugated Polymers. ACS Nano, 2019, 13, 13716-13727.	14.6	7
5	Biexcitonic optical Stark effects in monolayer molybdenum diselenide. Nature Physics, 2018, 14, 1092-1096.	16.7	48
6	The entangled triplet pair state in acene and heteroacene materials. Nature Communications, 2017, 8, 15953.	12.8	171
7	Decoupling Charge Transport and Electroluminescence in a High Mobility Polymer Semiconductor. Advanced Materials, 2016, 28, 6378-6385.	21.0	22
8	Ultrafast delocalization of excitation in synthetic light-harvesting nanorings. Chemical Science, 2015, 6, 181-189.	7.4	101
9	Direct Observation of Charge-Carrier Heating at WZ/ZB InP Nanowire Heterojunctions. Nano Letters, 2013, 13, 4280-4287.	9.1	31
10	Measuring the electrical properties of semiconductor nanowires using terahertz conductivity spectroscopy. Proceedings of SPIE, 2013, , .	0.8	0
11	Probing the critical electronic properties of III–V nanowires using optical pump-terahertz probe spectroscopy. , 2013, , .		0
12	Strong Carrier Lifetime Enhancement in GaAs Nanowires Coated with Semiconducting Polymer. Nano Letters, 2012, 12, 6293-6301.	9.1	54
13	Ultralow Surface Recombination Velocity in InP Nanowires Probed by Terahertz Spectroscopy. Nano Letters, 2012, 12, 5325-5330.	9.1	158
14	Nanoengineering Coaxial Carbon Nanotube–Dual-Polymer Heterostructures. ACS Nano, 2012, 6, 6058-6066.	14.6	36
15	Ultrafast Dynamics of Exciton Formation in Semiconductor Nanowires. Small, 2012, 8, 1725-1731.	10.0	16
16	Belt-Shaped π -Systems: Relating Geometry to Electronic Structure in a Six-Porphyrin Nanoring. Journal of the American Chemical Society, 2011, 133, 17262-17273.	13.7	201
17	High-capacity hydrogen storage in lithium and sodium amidoboranes. , 2010, , 276-279.		0
18	Determination of the interface $\dot{\gamma}$ -hole density in a blue-emitting organic semiconductor diode by electromodulated absorption spectroscopy. Applied Physics Letters, 2010, 97, .	3.3	17

#	ARTICLE	IF	CITATIONS
19	Role of π -Hole-Doped Interfaces at Ohmic Contacts to Organic Semiconductors. <i>Physical Review Letters</i> , 2009, 103, 036601.	7.8	32
20	High-capacity hydrogen storage in lithium and sodium amidoboranes. <i>Nature Materials</i> , 2008, 7, 138-141.	27.5	583
21	Cobalt-catalyzed hydrogen desorption from the $\text{LiNH}_2\text{-LiBH}_4$ system. <i>Dalton Transactions</i> , 2008, , 2395.	3.3	56