

Yeng Ming Lam

List of Publications by Year in descending order

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133
papers

13,406
citations

53660

45
h-index

21474

114
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142
all docs

142
docs citations

142
times ranked

18545
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Range Balanced Electron- and Hole-Transport Lengths in Organic-Inorganic CH ₃ NH ₃ PbI ₃ . <i>Science</i> , 2013, 342, 344-347.	6.0	6,060
2	The origin of high efficiency in low-temperature solution-processable bilayer organometal halide hybrid solar cells. <i>Energy and Environmental Science</i> , 2014, 7, 399-407.	15.6	965
3	Organic Photovoltaic Devices Using Highly Flexible Reduced Graphene Oxide Films as Transparent Electrodes. <i>ACS Nano</i> , 2010, 4, 5263-5268.	7.3	566
4	Perovskite-based solar cells: impact of morphology and device architecture on device performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8943-8969.	5.2	522
5	Hydrothermal Synthesis of High Electron Mobility Zn-doped SnO ₂ Nanoflowers as Photoanode Material for Efficient Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2011, 23, 3938-3945.	3.2	206
6	Printable photo-supercapacitor using single-walled carbon nanotubes. <i>Energy and Environmental Science</i> , 2011, 4, 413-416.	15.6	188
7	Non-Volatile Organic Memory Applications Enabled by In Situ Synthesis of Gold Nanoparticles in a Self-Assembled Block Copolymer. <i>Advanced Materials</i> , 2008, 20, 2325-2331.	11.1	186
8	FeCl ₃ -Based Few-Layer Graphene Intercalation Compounds: Single Linear Dispersion Electronic Band Structure and Strong Charge Transfer Doping. <i>Advanced Functional Materials</i> , 2010, 20, 3504-3509.	7.8	154
9	A new insight into controlling poly(3-hexylthiophene) nanofiber growth through a mixed-solvent approach for organic photovoltaics applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 377-386.	6.7	138
10	Elucidating the role of disorder and free-carrier recombination kinetics in CH ₃ NH ₃ PbI ₃ perovskite films. <i>Nature Communications</i> , 2015, 6, 7903.	5.8	132
11	Synthesis of Two-Dimensional Transition-Metal Phosphates with Highly Ordered Mesoporous Structures for Lithium-Ion Battery Applications. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9352-9355.	7.2	128
12	Solvent additives and their effects on blend morphologies of bulk heterojunctions. <i>Journal of Materials Chemistry</i> , 2011, 21, 242-250.	6.7	127
13	Efficient Room-Temperature Phosphorescence from Organic-Inorganic Hybrid Perovskites by Molecular Engineering. <i>Advanced Materials</i> , 2018, 30, e1707621.	11.1	126
14	Two Birds with One Stone: FeS ₂ @C Yolk-Shell Composite for High-Performance Sodium-Ion Energy Storage and Electromagnetic Wave Absorption. <i>Nano Letters</i> , 2020, 20, 3769-3777.	4.5	123
15	Solution processed transition metal sulfides: application as counter electrodes in dye sensitized solar cells (DSCs). <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19307.	1.3	121
16	Phonon Mode Transformation Across the Orthorhombic-Tetragonal Phase Transition in a Lead Iodide Perovskite CH ₃ NH ₃ PbI ₃ : A Terahertz Time-Domain Spectroscopy Approach. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1-6.	2.1	109
17	The Role of Poly(3-hexylthiophene) Nanofibers in an All-Polymer Blend with a Polyfluorene Copolymer for Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9459-9468.	1.5	100
18	Micellar poly(styrene- <i>b</i> -4-vinylpyridine)-nanoparticle hybrid system for non-volatile organic transistor memory. <i>Journal of Materials Chemistry</i> , 2009, 19, 7354.	6.7	99

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19	Influences of graphene oxide support on the electrochemical performances of graphene oxide-MnO ₂ nanocomposites. <i>Nanoscale Research Letters</i> , 2011, 6, 531.	3.1	95
20	Molecularly Engineered Organic-Inorganic Hybrid Perovskite with Multiple Quantum Well Structure for Multicolored Light-Emitting Diodes. <i>Scientific Reports</i> , 2016, 6, 33546.	1.6	95
21	Direct visualisation of micelles of Pluronic block copolymers in aqueous solution by cryo-TEM. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 3331-3334.	1.3	91
22	Ultrafast Spin-to-Charge Conversion at the Surface of Topological Insulator Thin Films. <i>Advanced Materials</i> , 2018, 30, e1802356.	11.1	90
23	Stable biexcitons in two-dimensional metal-halide perovskites with strong dynamic lattice disorder. <i>Physical Review Materials</i> , 2018, 2, .	0.9	89
24	Controlled growth of hematite (α-Fe ₂ O ₃) nanorod array on fluorine doped tin oxide: Synthesis and photoelectrochemical properties. <i>Electrochemistry Communications</i> , 2011, 13, 951-954.	2.3	88
25	Mesoscale simulation of block copolymers in aqueous solution: parameterisation, micelle growth kinetics and the effect of temperature and concentration morphology. <i>Polymer</i> , 2003, 44, 3593-3605.	1.8	73
26	Pressure-Responsive Two-Dimensional Metal-Organic Framework Composite Membranes for CO ₂ Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11318-11325.	7.2	73
27	Co ₃ O ₄ /nitrogen modified graphene electrode as Li-ion battery anode with high reversible capacity and improved initial cycle performance. <i>Nano Energy</i> , 2014, 3, 134-143.	8.2	72
28	Phase-Selective Synthesis of Cu ₂ ZnSnS ₄ Nanocrystals using Different Sulfur Precursors. <i>Inorganic Chemistry</i> , 2014, 53, 10874-10880.	1.9	71
29	Synthesis of Low Band Gap [1,2,5]-Thiadiazolo[3,4-g]quinoxaline and Pyrazino[2,3-g]quinoxaline Derivatives by Selective Reduction of Benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole. <i>Organic Letters</i> , 2011, 13, 46-49.	2.4	65
30	Thienylvinylenethienyl and Naphthalene Core Substituted with Triphenylamines Highly Efficient Hole Transporting Materials and Their Comparative Study for Inverted Perovskite Solar Cells. <i>Solar Rrl</i> , 2017, 1, 1700105.	3.1	59
31	Synthesis and characterization of one-dimensional CdSe by a novel reverse micelle assisted hydrothermal method. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 491-500.	5.0	58
32	Harvesting Triplet Excitons in Lead-Halide Perovskites for Room-Temperature Phosphorescence. <i>Chemistry of Materials</i> , 2019, 31, 2597-2602.	3.2	57
33	Evolution Pathway of CIGSe Nanocrystals for Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8202-8209.	1.5	55
34	Semiconducting Carbon Nanotubes for Improved Efficiency and Thermal Stability of Polymer-Fullerene Solar Cells. <i>Advanced Functional Materials</i> , 2016, 26, 51-65.	7.8	54
35	Low-frequency optical phonon modes and carrier mobility in the halide perovskite CH ₃ NH ₃ PbBr ₃ using terahertz time-domain spectroscopy. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	54
36	Synthesis and characterization of CdSe nanorods using a novel microemulsion method at moderate temperature. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 771-778.	5.0	53

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37	Direct Observation of Alkyl Chain Interdigitation in Conjugated Polyquarterthiophene Self-Organized on Graphite Surfaces. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1197-1202.	2.0	53
38	One-Pot Synthesis of 4,8-Dibromobenzo[1,2- <i>c</i>];4,5- <i>c</i>]bis[1,2,5]thiadiazole. <i>Organic Letters</i> , 2010, 12, 3340-3343.	2.4	53
39	Understanding the microstructural evolution of cold sprayed Ti-6Al-4V coatings on Ti-6Al-4V substrates. <i>Applied Surface Science</i> , 2018, 459, 492-504.	3.1	52
40	Monitoring Electron-Phonon Interactions in Lead Halide Perovskites Using Time-Resolved THz Spectroscopy. <i>ACS Nano</i> , 2019, 13, 8826-8835.	7.3	52
41	Synthesis of Cu ₂ SnSe ₃ Nanocrystals for Solution Processable Photovoltaic Cells. <i>Inorganic Chemistry</i> , 2013, 52, 1722-1728.	1.9	51
42	Light scattering enhancement from sub-micrometer cavities in the photoanode for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 16201.	6.7	50
43	Acene-based organic semiconductors for organic light-emitting diodes and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9017-9029.	2.7	50
44	Optical properties of organometallic perovskite: An ab initio study using relativistic GW correction and Bethe-Salpeter equation. <i>Europhysics Letters</i> , 2014, 108, 67015.	0.7	47
45	Synthesis and Characterization of [1,2,5]Chalcogenazolo[3,4- <i>f</i>]benzo[1,2,3]triazole and [1,2,3]Triazolo[3,4- <i>g</i>]quinoxaline Derivatives. <i>Organic Letters</i> , 2011, 13, 4612-4615.	2.4	46
46	Isoindigo dye incorporated copolymers with naphthalene and anthracene: promising materials for stable organic field effect transistors. <i>Polymer Chemistry</i> , 2013, 4, 1983.	1.9	44
47	Understanding and Controlling the Growth of Monodisperse CdS Nanowires in Solution. <i>Chemistry of Materials</i> , 2008, 20, 5444-5452.	3.2	43
48	Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide)- <i>g</i> -poly(vinylpyrrolidone): Association behavior in aqueous solution and interaction with anionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 74-79.	5.0	42
49	Effects of processing parameters on the performance of Al grain refinement master alloys Al-Ti and Al-Ti-B in small ingots. <i>Journal of Materials Processing Technology</i> , 1997, 66, 253-257.	3.1	41
50	Controlling Growth of CdSe Nanowires through Ligand Optimization. <i>Chemistry of Materials</i> , 2009, 21, 3710-3718.	3.2	40
51	Solution-Processed Nanocrystalline TiO ₂ Buffer Layer Used for Improving the Performance of Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1063-1067.	4.0	40
52	Understanding the Effect of Surface Chemistry on Charge Generation and Transport in Poly(3-hexylthiophene)/CdSe Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 287-292.	4.0	39
53	Molecular engineering of two-dimensional hybrid perovskites with broadband emission for white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10301-10307.	2.7	38
54	Controlled synthesis of CdE (E = S, Se and Te) nanowires. <i>RSC Advances</i> , 2012, 2, 5243.	1.7	36

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55	A facile method to evaluate the influence of trap densities on perovskite solar cell performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5646-5651.	2.7	32
56	Controlled synthesis and association behavior of graft Pluronic in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2007, 306, 398-404.	5.0	31
57	9,10-Ter-anthrylene-ethynylene: a new molecular architecture for solution processed anthracene-based thin film transistors. <i>Journal of Materials Chemistry</i> , 2008, 18, 786.	6.7	31
58	Effect of Zinc Incorporation on the Performance of Red Light Emitting InP Core Nanocrystals. <i>Inorganic Chemistry</i> , 2016, 55, 8381-8386.	1.9	31
59	From benzobisthiadiazole, thiadiazoloquinoxaline to pyrazinoquinoxaline based polymers: effects of aromatic substituents on the performance of organic photovoltaics. <i>Journal of Materials Chemistry</i> , 2012, 22, 18528.	6.7	30
60	A high voltage solar cell using a donor-acceptor conjugated polymer based on pyrrolo[3,4-f]-2,1,3-benzothiadiazole-5,7-dione. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17925-17933.	5.2	29
61	Reflective perovskite solar cells for efficient tandem applications. <i>Journal of Materials Chemistry C</i> , 2017, 5, 134-139.	2.7	27
62	Synthesis of monodisperse CdS nanowires and their photovoltaic applications. <i>Thin Solid Films</i> , 2009, 517, 6430-6434.	0.8	26
63	Understanding the Role of Single Molecular ZnS Precursors in the Synthesis of In(Zn)P/ZnS Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18233-18242.	4.0	26
64	Performance Improvements in Polymer Nanofiber/Fullerene Solar Cells with External Electric Field Treatment. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11285-11291.	1.5	26
65	Facile in situ synthesis of stable luminescent organic-inorganic lead halide perovskite nanoparticles in a polymer matrix. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7207-7214.	2.7	26
66	Phospholipid-Based Artificial Viruses Assembled by Multivalent Cations. <i>Biophysical Journal</i> , 2007, 93, 637-644.	0.2	25
67	Controlled Synthesis of CdTe and CdSe Multiblock Heteronanostructures. <i>Chemistry of Materials</i> , 2009, 21, 1465-1470.	3.2	25
68	Carrier Dynamics in Polymer Nanofiber:Fullerene Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18015-18022.	1.5	25
69	Enhancing the Performance of Solution-Processed Bulk-Heterojunction Solar Cells Using Hydrogen-Bonding-Induced Self-Organization of Small Molecules. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13265-13274.	4.0	25
70	One-step synthesis of titania nanoparticles from PS-P4VP diblock copolymer solution. <i>Nanotechnology</i> , 2007, 18, 135605.	1.3	24
71	Novel Materials for Urban Farming. <i>Advanced Materials</i> , 2022, 34, e2105009.	11.1	24
72	Understanding polycarbazole-based polymer:CdSe hybrid solar cells. <i>Nanotechnology</i> , 2012, 23, 315401.	1.3	23

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73	Metal/metal sulfide functionalized single-walled carbon nanotubes: FTO-free counter electrodes for dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9906.	1.3	23
74	Quinoxaline-functionalized C ₆₀ derivatives as electron acceptors in organic solar cells. <i>RSC Advances</i> , 2014, 4, 25291-25301.	1.7	23
75	Environmentally friendly solution route to kesterite Cu ₂ ZnSn(S,Se) ₄ thin films for solar cell applications. <i>RSC Advances</i> , 2014, 4, 26888-26894.	1.7	23
76	New moderate bandgap polymers containing alkoxy-substituted benzo[c][1,2,5]thiadiazole and thiophene-based units. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4387-4397.	2.5	22
77	Synthesis and photovoltaic properties of novel C60 bisadducts based on benzo[2,1,3]-thiadiazole. <i>Tetrahedron</i> , 2014, 70, 6217-6221.	1.0	22
78	Effectiveness of External Electric Field Treatment of Conjugated Polymers in Bulk-Heterojunction Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32282-32291.	4.0	22
79	Role of Multivalent Cations in the Self-Assembly of Phospholipid-DNA Complexes. <i>Journal of Physical Chemistry B</i> , 2007, 111, 14233-14238.	1.2	21
80	Phonon features in terahertz photoconductivity spectra due to data analysis artifact: A case study on organometallic halide perovskites. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	21
81	Printing materials for electronic devices. <i>International Journal of Materials Research</i> , 2010, 101, 236-250.	0.1	20
82	Comparative studies on the electrochemical and optical properties of representative benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole, [1,2,5]-thiadiazolo[3,4-g]quinoxaline and pyrazino[2,3-g]quinoxaline derivatives. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1745.	2.7	20
83	Reducing Mass-Transport Limitations in Cobalt-Electrolyte-Based Dye-Sensitized Solar Cells by Photoanode Modification. <i>ChemPhysChem</i> , 2014, 15, 1216-1221.	1.0	20
84	Molecular Aggregation of Naphthalene Diimide (NDI) Derivatives in Electron Transport Layers of Inverted Perovskite Solar Cells and Their Influence on the Device Performance. <i>Chemistry - an Asian Journal</i> , 2020, 15, 112-121.	1.7	20
85	Study of Mixed Micelles and Interaction Parameters for Polymeric Nonionic and Normal Surfactants. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3877-3881.	0.9	19
86	Conjugated polymers based on dicarboxylic imide-substituted isothianaphthene and their applications in solar cells. <i>Journal of Polymer Science Part A</i> , 2012, 50, 250-260.	2.5	19
87	New 3D supramolecular Zn(II)-coordinated self-assembled organic networks. <i>Journal of Materials Chemistry</i> , 2012, 22, 6218.	6.7	18
88	Synthesis of large CZTSe nanoparticles through a two-step hot-injection method. <i>RSC Advances</i> , 2015, 5, 96593-96600.	1.7	18
89	Mesoscale Simulation and cryo-TEM of Nanoscale Drug Delivery Systems. <i>Molecular Simulation</i> , 2004, 30, 239-247.	0.9	17
90	Zn-Doped SnO ₂ Nanocrystals as Efficient DSSC Photoanode Material and Remarkable Photocurrent Enhancement by Interface Modification. <i>Journal of the Electrochemical Society</i> , 2012, 159, H735-H739.	1.3	17

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91	Synthesis of ligand-free CZTS nanoparticles via a facile hot injection route. <i>Nanotechnology</i> , 2016, 27, 185603.	1.3	17
92	Solution-processed perovskite-kesterite reflective tandem solar cells. <i>Solar Energy</i> , 2017, 155, 35-38.	2.9	16
93	Solution processable ter-anthrylene-ethynylenes semiconductors: thin film transistor properties and STM study on HOPG and Au(111). <i>Journal of Materials Chemistry</i> , 2010, 20, 2448.	6.7	15
94	Novel Zn ²⁺ -Sn ²⁺ -O nanocactus with excellent transport properties as photoanode material for high performance dye-sensitized solar cells. <i>Nanoscale</i> , 2011, 3, 4640.	2.8	15
95	Correlation between blend morphology and recombination dynamics in additive-added P3HT:PCBM solar cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26111-26120.	1.3	15
96	Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide)-g-poly(vinyl pyrrolidone): Synthesis and characterization. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 80-85.	5.0	14
97	Controlled chemical stabilization of self-assembled PS-P4VP nanostructures. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 255-263.	5.0	14
98	Stability studies of CdSe nanocrystals in an aqueous environment. <i>Nanotechnology</i> , 2011, 22, 275706.	1.3	14
99	Pressure-Responsive Two-Dimensional Metal-Organic Framework Composite Membranes for CO ₂ Separation. <i>Angewandte Chemie</i> , 2021, 133, 11419-11426.	1.6	14
100	Nanopattern formation using a chemically modified PS-P4VP diblock copolymer. <i>Nanotechnology</i> , 2007, 18, 075304.	1.3	12
101	Substituent effect on the electronic properties of pyrazino[2,3-g] quinoxaline molecules. <i>Journal of Materials Chemistry</i> , 2011, 21, 17798.	6.7	12
102	Enhanced Efficiency of Dye-Sensitized Solar Cells with Mesoporous-Macroporous TiO ₂ Photoanode Obtained Using ZnO Template. <i>Journal of Electronic Materials</i> , 2017, 46, 3801-3807.	1.0	12
103	High-throughput screening for carbon nanotube production. <i>Carbon</i> , 2004, 42, 101-110.	5.4	11
104	Nanocrystalline copper indium selenide (CuInSe ₂) particles for solar energy harvesting. <i>RSC Advances</i> , 2013, 3, 9829.	1.7	10
105	Electron Transport Limitation in P3HT:CdSe Nanorods Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 894-902.	4.0	10
106	The role of ion exchange in the passivation of In(Zn)P nanocrystals with ZnS. <i>Scientific Reports</i> , 2016, 6, 22818.	1.6	10
107	Investigation of Cu ₂ ZnSnS ₄ nanoparticles for thin-film solar cell applications. <i>Thin Solid Films</i> , 2017, 628, 163-169.	0.8	10
108	Elucidating the effect of additives on the alkyl chain packing of a double tail cationic surfactant. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 400-409.	5.0	10

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109	Resolving Spectral Mismatch Errors for Perovskite Solar Cells in Commercial Class AAA Solar Simulators. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3782-3788.	2.1	10
110	Selective Betainization of PS ⁺ /P4VP and Solution Properties. <i>Langmuir</i> , 2006, 22, 319-324.	1.6	9
111	Polymer nanofibers: preserving nanomorphology in ternary blend organic photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23829-23836.	1.3	9
112	Formation of CuIn(S Se ¹⁺) ₂ microcrystals from CuInSe ₂ nanoparticles by two step solvothermal method. <i>Journal of Alloys and Compounds</i> , 2015, 618, 522-526.	2.8	9
113	Assessment of heavy metal and metalloid levels and screening potential of tropical plant species for phytoremediation in Singapore. <i>Environmental Pollution</i> , 2022, 295, 118681.	3.7	9
114	Novel self assembled monolayers of allyl phenyl thiophene ether as potential dielectric material for organic thin film transistors. <i>Thin Solid Films</i> , 2008, 516, 5645-5648.	0.8	8
115	Novel self-assembled 2D networks based on zinc metal ion co-ordination: synthesis and comparative study with 3D networks. <i>RSC Advances</i> , 2014, 4, 17680-17693.	1.7	8
116	Unique Reversible Crystal-to-Crystal Phase Transition ⁺ Structural and Functional Properties of Fused Ladder Thienoarenes. <i>Chemistry of Materials</i> , 2017, 29, 7686-7696.	3.2	8
117	Design of single peptides for self-assembled conduction channels. <i>Nanotechnology</i> , 2011, 22, 215606.	1.3	7
118	Picosecond dynamics of internal exciton transitions in CdSe nanorods. <i>Physical Review B</i> , 2013, 88, .	1.1	7
119	Versatile BODIPY -based low-bandgap conjugated small molecule for light harvesting and near-infrared photodetection. <i>Information Materials</i> , 2022, 4, .	8.5	7
120	Morphology Evolution in a Diblock Copolymer Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3904-3909.	0.9	6
121	Multiscale Self-Assembly of a Phenyl-Flanked Diketopyrrolopyrrole Derivative: A Solution-Processable Building Block for π -Conjugated Supramolecular Polymers. <i>Langmuir</i> , 2019, 35, 5626-5634.	1.6	6
122	A fused thieno[3,2-b]thiophene-dithiophene based donor molecule for organic photovoltaics: a structural comparative study with indacenodithiophene. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9656-9663.	2.7	5
123	Facile control of surfactant lamellar phase transition and adsorption behavior. <i>RSC Advances</i> , 2020, 10, 18025-18034.	1.7	5
124	Carboxylic acid mediated self-assembly of small molecules for organic thin film transistors. <i>Organic Electronics</i> , 2014, 15, 1592-1597.	1.4	4
125	Elucidating the relationship between crystallo-chemistry and optical properties of CIGS nanocrystals. <i>Nanotechnology</i> , 2017, 28, 045708.	1.3	4
126	Supramolecular Protein Assembly Retains Its Structural Integrity at Liquid-Liquid Interface. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901674.	1.9	4

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127	The influence of polarity of additive molecules on micelle structures of polystyrene-block-poly(4-vinylpyridine) in the fabrication of nano-porous templates. Journal of Colloid and Interface Science, 2010, 351, 69-76.	5.0	3
128	Cu-S Nanocabbage Films with Tunable Optical Bandgap and Substantially Improved Stability by Pulse Electrodeposition. Journal of the Electrochemical Society, 2011, 158, E60.	1.3	3
129	Dense, Regular GaAs Nanowire Arrays by Catalyst-Free Vapor Phase Epitaxy for Light Harvesting. ACS Applied Materials & Interfaces, 2016, 8, 22484-22492.	4.0	2
130	Time-resolved terahertz spectroscopy of conjugated polymer/CdSe nanorod composites. Proceedings of SPIE, 2010, , .	0.8	1
131	Supramolecular Assemblies: Supramolecular Protein Assembly Retains Its Structural Integrity at Liquid-Liquid Interface (Adv. Mater. Interfaces 4/2020). Advanced Materials Interfaces, 2020, 7, 2070021.	1.9	1
132	InnenrÄ¼cktitelbild: Pressure-Responsive Two-Dimensional Metal-Organic Framework Composite Membranes for CO ₂ Separation (Angew. Chem. 20/2021). Angewandte Chemie, 2021, 133, 11635-11635.	1.6	1
133	Charge dynamics in alkanedithiols-additives in P3HT:PCBM bulk heterojunction solar cells. Proceedings of SPIE, 2014, , .	0.8	0