

Yeng Ming Lam

List of Publications by Year in descending order

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133
papers

13,406
citations

53794

45
h-index

20961

115
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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.	12.6	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.	30.8	965
3	Organic Photovoltaic Devices Using Highly Flexible Reduced Graphene Oxide Films as Transparent Electrodes. <i>ACS Nano</i> , 2010, 4, 5263-5268.	14.6	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.	10.3	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.	6.7	206
6	Printable photo-supercapacitor using single-walled carbon nanotubes. <i>Energy and Environmental Science</i> , 2011, 4, 413-416.	30.8	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.	21.0	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.	14.9	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.	12.8	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.	13.8	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.	21.0	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.	9.1	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.	2.8	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.	4.6	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.	3.1	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.	5.7	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.	3.3	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.	2.8	91
22	Ultrafast Spin-to-Charge Conversion at the Surface of Topological Insulator Thin Films. <i>Advanced Materials</i> , 2018, 30, e1802356.	21.0	90
23	Stable biexcitons in two-dimensional metal-halide perovskites with strong dynamic lattice disorder. <i>Physical Review Materials</i> , 2018, 2, .	2.4	89
24	Controlled growth of hematite (Fe ₂ O ₃) nanorod array on fluorine doped tin oxide: Synthesis and photoelectrochemical properties. <i>Electrochemistry Communications</i> , 2011, 13, 951-954.	4.7	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.	3.8	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.	13.8	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.	16.0	72
28	Phase-Selective Synthesis of Cu ₂ ZnSnS ₄ Nanocrystals using Different Sulfur Precursors. <i>Inorganic Chemistry</i> , 2014, 53, 10874-10880.	4.0	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.	4.6	65
30	Thienylvinylethienyl 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.	5.8	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.	9.4	58
32	Harvesting Triplet Excitons in Lead-Halide Perovskites for Room-Temperature Phosphorescence. <i>Chemistry of Materials</i> , 2019, 31, 2597-2602.	6.7	57
33	Evolution Pathway of CIGSe Nanocrystals for Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8202-8209.	3.1	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.	14.9	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, .	3.3	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.	9.4	53

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37	Direct Observation of Alkyl Chain Interdigitation in Conjugated Polyquaterthiophene Self-Organized on Graphite Surfaces. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1197-1202.	3.9	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.	4.6	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.	6.1	52
40	Monitoring Electron-Phonon Interactions in Lead Halide Perovskites Using Time-Resolved THz Spectroscopy. <i>ACS Nano</i> , 2019, 13, 8826-8835.	14.6	52
41	Synthesis of Cu ₂ SnSe ₃ Nanocrystals for Solution Processable Photovoltaic Cells. <i>Inorganic Chemistry</i> , 2013, 52, 1722-1728.	4.0	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.	5.5	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.	2.0	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.	4.6	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.	3.9	44
47	Understanding and Controlling the Growth of Monodisperse CdS Nanowires in Solution. <i>Chemistry of Materials</i> , 2008, 20, 5444-5452.	6.7	43
48	Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide)-g-poly(vinylpyrrolidone): Association behavior in aqueous solution and interaction with anionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 74-79.	9.4	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.	6.3	41
50	Controlling Growth of CdSe Nanowires through Ligand Optimization. <i>Chemistry of Materials</i> , 2009, 21, 3710-3718.	6.7	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.	8.0	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.	8.0	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.	5.5	38
54	Controlled synthesis of CdE (E = S, Se and Te) nanowires. <i>RSC Advances</i> , 2012, 2, 5243.	3.6	36

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55	A facile method to evaluate the influence of trap densities on perovskite solar cell performance. Journal of Materials Chemistry C, 2019, 7, 5646-5651.	5.5	32
56	Controlled synthesis and association behavior of graft Pluronic in aqueous solutions. Journal of Colloid and Interface Science, 2007, 306, 398-404.	9.4	31
57	9,10-Ter-anthrylene-ethynylene: a new molecular architecture for solution processed anthracene-based thin film transistors. Journal of Materials Chemistry, 2008, 18, 786.	6.7	31
58	Effect of Zinc Incorporation on the Performance of Red Light Emitting InP Core Nanocrystals. Inorganic Chemistry, 2016, 55, 8381-8386.	4.0	31
59	From benzobisthiadiazole, thiadiazoloquinoxaline to pyrazinoquinoxaline based polymers: effects of aromatic substituents on the performance of organic photovoltaics. Journal of Materials Chemistry, 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. Journal of Materials Chemistry A, 2014, 2, 17925-17933.	10.3	29
61	Reflective perovskite solar cells for efficient tandem applications. Journal of Materials Chemistry C, 2017, 5, 134-139.	5.5	27
62	Synthesis of monodisperse CdS nanowires and their photovoltaic applications. Thin Solid Films, 2009, 517, 6430-6434.	1.8	26
63	Understanding the Role of Single Molecular ZnS Precursors in the Synthesis of In(Zn)P/ZnS Nanocrystals. ACS Applied Materials & Interfaces, 2014, 6, 18233-18242.	8.0	26
64	Performance Improvements in Polymer Nanofiber/Fullerene Solar Cells with External Electric Field Treatment. Journal of Physical Chemistry C, 2014, 118, 11285-11291.	3.1	26
65	Facile in situ synthesis of stable luminescent organic-inorganic lead halide perovskite nanoparticles in a polymer matrix. Journal of Materials Chemistry C, 2017, 5, 7207-7214.	5.5	26
66	Phospholipid-Based Artificial Viruses Assembled by Multivalent Cations. Biophysical Journal, 2007, 93, 637-644.	0.5	25
67	Controlled Synthesis of CdTe and CdSe Multiblock Heteronanostructures. Chemistry of Materials, 2009, 21, 1465-1470.	6.7	25
68	Carrier Dynamics in Polymer Nanofiber:Fullerene Solar Cells. Journal of Physical Chemistry C, 2012, 116, 18015-18022.	3.1	25
69	Enhancing the Performance of Solution-Processed Bulk-Heterojunction Solar Cells Using Hydrogen-Bonding-Induced Self-Organization of Small Molecules. ACS Applied Materials & Interfaces, 2013, 5, 13265-13274.	8.0	25
70	One-step synthesis of titania nanoparticles from PS-P4VP diblock copolymer solution. Nanotechnology, 2007, 18, 135605.	2.6	24
71	Novel Materials for Urban Farming. Advanced Materials, 2022, 34, e2105009.	21.0	24
72	Understanding polycarbazole-based polymer:CdSe hybrid solar cells. Nanotechnology, 2012, 23, 315401.	2.6	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.	2.8	23
74	Quinoxaline-functionalized C ₆₀ derivatives as electron acceptors in organic solar cells. <i>RSC Advances</i> , 2014, 4, 25291-25301.	3.6	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.	3.6	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.	2.3	22
77	Synthesis and photovoltaic properties of novel C60 bisadducts based on benzo[2,1,3]-thiadiazole. <i>Tetrahedron</i> , 2014, 70, 6217-6221.	1.9	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.	8.0	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.	2.6	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, .	3.3	21
81	Printing materials for electronic devices. <i>International Journal of Materials Research</i> , 2010, 101, 236-250.	0.3	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.	5.5	20
83	Reducing Mass-Transport Limitations in Cobalt-Electrolyte-Based Dye-Sensitized Solar Cells by Photoanode Modification. <i>ChemPhysChem</i> , 2014, 15, 1216-1221.	2.1	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.	3.3	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.	2.3	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.	3.6	18
89	Mesoscale Simulation and cryo-TEM of Nanoscale Drug Delivery Systems. <i>Molecular Simulation</i> , 2004, 30, 239-247.	2.0	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.	2.9	17

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91	Synthesis of ligand-free CZTS nanoparticles via a facile hot injection route. Nanotechnology, 2016, 27, 185603.	2.6	17
92	Solution-processed perovskite-kesterite reflective tandem solar cells. Solar Energy, 2017, 155, 35-38.	6.1	16
93	Solution processable ter-anthrylene-ethynylenes semiconductors: thin film transistor properties and STM study on HOPG and Au(111). Journal of Materials Chemistry, 2010, 20, 2448.	6.7	15
94	Novel Zn-Sn-O nanocactus with excellent transport properties as photoanode material for high performance dye-sensitized solar cells. Nanoscale, 2011, 3, 4640.	5.6	15
95	Correlation between blend morphology and recombination dynamics in additive-added P3HT:PCBM solar cells. Physical Chemistry Chemical Physics, 2015, 17, 26111-26120.	2.8	15
96	Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide)-g-poly(vinyl pyrrolidone): Synthesis and characterization. Journal of Colloid and Interface Science, 2005, 285, 80-85.	9.4	14
97	Controlled chemical stabilization of self-assembled PS-P4VP nanostructures. Journal of Colloid and Interface Science, 2008, 317, 255-263.	9.4	14
98	Stability studies of CdSe nanocrystals in an aqueous environment. Nanotechnology, 2011, 22, 275706.	2.6	14
99	Pressure-Responsive Two-Dimensional Metal-Organic Framework Composite Membranes for CO ₂ Separation. Angewandte Chemie, 2021, 133, 11419-11426.	2.0	14
100	Nanopattern formation using a chemically modified PS-P4VP diblock copolymer. Nanotechnology, 2007, 18, 075304.	2.6	12
101	Substituent effect on the electronic properties of pyrazino[2,3-g] quinoxaline molecules. Journal of Materials Chemistry, 2011, 21, 17798.	6.7	12
102	Enhanced Efficiency of Dye-Sensitized Solar Cells with Mesoporous-Macroporous TiO ₂ Photoanode Obtained Using ZnO Template. Journal of Electronic Materials, 2017, 46, 3801-3807.	2.2	12
103	High-throughput screening for carbon nanotube production. Carbon, 2004, 42, 101-110.	10.3	11
104	Nanocrystalline copper indium selenide (CuInSe ₂) particles for solar energy harvesting. RSC Advances, 2013, 3, 9829.	3.6	10
105	Electron Transport Limitation in P3HT:CdSe Nanorods Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 894-902.	8.0	10
106	The role of ion exchange in the passivation of In(Zn)P nanocrystals with ZnS. Scientific Reports, 2016, 6, 22818.	3.3	10
107	Investigation of Cu ₂ ZnSnS ₄ nanoparticles for thin-film solar cell Applications. Thin Solid Films, 2017, 628, 163-169.	1.8	10
108	Elucidating the effect of additives on the alkyl chain packing of a double tail cationic surfactant. Journal of Colloid and Interface Science, 2018, 528, 400-409.	9.4	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.	4.6	10
110	Selective Betainization of PS \sim P4VP and Solution Properties. <i>Langmuir</i> , 2006, 22, 319-324.	3.5	9
111	Polymer nanofibers: preserving nanomorphology in ternary blend organic photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23829-23836.	2.8	9
112	Formation of CuIn(S Se $^{1\sim}$) $_2$ microcrystals from CuInSe $_2$ nanoparticles by two step solvothermal method. <i>Journal of Alloys and Compounds</i> , 2015, 618, 522-526.	5.5	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.	7.5	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.	1.8	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.	3.6	8
116	Unique Reversible Crystal-to-Crystal Phase Transition \sim Structural and Functional Properties of Fused Ladder Thienoarenes. <i>Chemistry of Materials</i> , 2017, 29, 7686-7696.	6.7	8
117	Design of single peptides for self-assembled conduction channels. <i>Nanotechnology</i> , 2011, 22, 215606.	2.6	7
118	Picosecond dynamics of internal exciton transitions in CdSe nanorods. <i>Physical Review B</i> , 2013, 88, .	3.2	7
119	Versatile \langle azab \sim BODIPY \rangle -based \langle low \sim bandgap \rangle conjugated small molecule for light harvesting and \langle near \sim infrared \rangle photodetection. <i>Informa\simMaterials</i> , 2022, 4, .	17.3	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.	3.5	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.	5.5	5
123	Facile control of surfactant lamellar phase transition and adsorption behavior. <i>RSC Advances</i> , 2020, 10, 18025-18034.	3.6	5
124	Carboxylic acid mediated self-assembly of small molecules for organic thin film transistors. <i>Organic Electronics</i> , 2014, 15, 1592-1597.	2.6	4
125	Elucidating the relationship between crystallo-chemistry and optical properties of CIGS nanocrystals. <i>Nanotechnology</i> , 2017, 28, 045708.	2.6	4
126	Supramolecular Protein Assembly Retains Its Structural Integrity at Liquid \sim Liquid Interface. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901674.	3.7	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.	9.4	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.	2.9	3
129	Dense, Regular GaAs Nanowire Arrays by Catalyst-Free Vapor Phase Epitaxy for Light Harvesting. ACS Applied Materials & Interfaces, 2016, 8, 22484-22492.	8.0	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 Liquidâ€“Liquid Interface (Adv. Mater. Interfaces 4/2020). Advanced Materials Interfaces, 2020, 7, 2070021.	3.7	1
132	InnenrÃ¼cktitelbild: Pressureâ€“Responsive Twoâ€“Dimensional Metalâ€“Organic Framework Composite Membranes for CO ₂ Separation (Angew. Chem. 20/2021). Angewandte Chemie, 2021, 133, 11635-11635.	2.0	1
133	Charge dynamics in alkanedithiols-additives in P3HT:PCBM bulk heterojunction solar cells. Proceedings of SPIE, 2014, , .	0.8	0