

# Yan Yao

## List of Publications by Year in descending order

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138  
papers

28,623  
citations

15466

65  
h-index

14702

127  
g-index

147  
all docs

147  
docs citations

147  
times ranked

26138  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency solution processable polymer photovoltaic cells by self-organization of polymer blends. <i>Nature Materials</i> , 2005, 4, 864-868.	13.3	5,281
2	Stable cycling of double-walled silicon nanotube battery anodes through solidâ€“electrolyte interphase control. <i>Nature Nanotechnology</i> , 2012, 7, 310-315.	15.6	2,144
3	A Yolk-Shell Design for Stabilized and Scalable Li-Ion Battery Alloy Anodes. <i>Nano Letters</i> , 2012, 12, 3315-3321.	4.5	1,587
4	Interconnected Silicon Hollow Nanospheres for Lithium-Ion Battery Anodes with Long Cycle Life. <i>Nano Letters</i> , 2011, 11, 2949-2954.	4.5	1,278
5	â€œSolvent Annealingâ€•Effect in Polymer Solar Cells Based on Poly(3-hexylthiophene) and Methanofullerenes. <i>Advanced Functional Materials</i> , 2007, 17, 1636-1644.	7.8	1,091
6	Transition metal oxides as the buffer layer for polymer photovoltaic cells. <i>Applied Physics Letters</i> , 2006, 88, 073508.	1.5	953
7	Improving the Performance of Lithiumâ€“Sulfur Batteries by Conductive Polymer Coating. <i>ACS Nano</i> , 2011, 5, 9187-9193.	7.3	815
8	Current status and future directions of multivalent metal-ion batteries. <i>Nature Energy</i> , 2020, 5, 646-656.	19.8	798
9	Investigation of annealing effects and film thickness dependence of polymer solar cells based on poly(3-hexylthiophene). <i>Journal of Applied Physics</i> , 2005, 98, 043704.	1.1	730
10	Bandgap and Molecular Energy Level Control of Conjugated Polymer Photovoltaic Materials Based on Benzo[1,2- <i>b</i> :4,5- <i>b'</i> â€²]dithiophene. <i>Macromolecules</i> , 2008, 41, 6012-6018.	2.2	723
11	Effects of Solvent Mixtures on the Nanoscale Phase Separation in Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2008, 18, 1783-1789.	7.8	645
12	Universal quinone electrodes for long cycle life aqueous rechargeable batteries. <i>Nature Materials</i> , 2017, 16, 841-848.	13.3	615
13	Symmetrical MnO <sub>2</sub> â€“Carbon Nanotubeâ€“Textile Nanostructures for Wearable Pseudocapacitors with High Mass Loading. <i>ACS Nano</i> , 2011, 5, 8904-8913.	7.3	582
14	Opportunities and Challenges for Organic Electrodes in Electrochemical Energy Storage. <i>Chemical Reviews</i> , 2020, 120, 6490-6557.	23.0	517
15	Accurate Measurement and Characterization of Organic Solar Cells. <i>Advanced Functional Materials</i> , 2006, 16, 2016-2023.	7.8	506
16	Interlayer-Expanded Molybdenum Disulfide Nanocomposites for Electrochemical Magnesium Storage. <i>Nano Letters</i> , 2015, 15, 2194-2202.	4.5	357
17	Manipulating regioregular poly(3-hexylthiophene) : [6,6]-phenyl-C61-butyric acid methyl ester blendsâ€”route towards high efficiency polymer solar cells. <i>Journal of Materials Chemistry</i> , 2007, 17, 3126.	6.7	351
18	Highly Efficient Flexible Perovskite Solar Cells with Antireflection and Self-Cleaning Nanostructures. <i>ACS Nano</i> , 2015, 9, 10287-10295.	7.3	335

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19	Effect of self-organization in polymer/fullerene bulk heterojunctions on solar cell performance. <i>Applied Physics Letters</i> , 2006, 89, 063505.	1.5	331
20	Positioning Organic Electrode Materials in the Battery Landscape. <i>Joule</i> , 2018, 2, 1690-1706.	11.7	320
21	Fast kinetics of magnesium monochloride cations in interlayer-expanded titanium disulfide for magnesium rechargeable batteries. <i>Nature Communications</i> , 2017, 8, 339.	5.8	304
22	Solvent engineering towards controlled grain growth in perovskite planar heterojunction solar cells. <i>Nanoscale</i> , 2015, 7, 10595-10599.	2.8	294
23	Regioregular Copolymers of 3-Alkoxythiophene and Their Photovoltaic Application. <i>Journal of the American Chemical Society</i> , 2006, 128, 8980-8986.	6.6	286
24	Plastic Near-Infrared Photodetectors Utilizing Low Band Gap Polymer. <i>Advanced Materials</i> , 2007, 19, 3979-3983.	11.1	281
25	Enhancing sodium-ion battery performance with interlayer-expanded MoS <sub>2</sub> @PEO nanocomposites. <i>Nano Energy</i> , 2015, 15, 453-461.	8.2	269
26	Improving the cycling stability of silicon nanowire anodes with conducting polymer coatings. <i>Energy and Environmental Science</i> , 2012, 5, 7927.	15.6	265
27	An Aqueous Ca <sup>2+</sup> Ion Battery. <i>Advanced Science</i> , 2017, 4, 1700465.	5.6	254
28	Heavily n-Dopable $\pi$ -Conjugated Redox Polymers with Ultrafast Energy Storage Capability. <i>Journal of the American Chemical Society</i> , 2015, 137, 4956-4959.	6.6	242
29	Poly(anthraquinonyl sulfide) cathode for potassium-ion batteries. <i>Electrochemistry Communications</i> , 2016, 71, 5-8.	2.3	235
30	High-power Mg batteries enabled by heterogeneous enolization redox chemistry and weakly coordinating electrolytes. <i>Nature Energy</i> , 2020, 5, 1043-1050.	19.8	205
31	Broadband light management using low-Q whispering gallery modes in spherical nanoshells. <i>Nature Communications</i> , 2012, 3, 664.	5.8	203
32	One dimensional Si/Sn - based nanowires and nanotubes for lithium-ion energy storage materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 9825.	6.7	200
33	Fabrication of efficient planar perovskite solar cells using a one-step chemical vapor deposition method. <i>Scientific Reports</i> , 2015, 5, 14083.	1.6	200
34	Efficient light harvesting in multiple-device stacked structure for polymer solar cells. <i>Applied Physics Letters</i> , 2006, 88, 064104.	1.5	193
35	Marked Alkyl- vs Alkenyl-Substituent Effects on Squaraine Dye Solid-State Structure, Carrier Mobility, and Bulk-Heterojunction Solar Cell Efficiency. <i>Journal of the American Chemical Society</i> , 2010, 132, 4074-4075.	6.6	186
36	Graphene decorated vanadium oxide nanowire aerogel for long-cycle-life magnesium battery cathodes. <i>Nano Energy</i> , 2015, 18, 265-272.	8.2	170

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37	Nanoflake-Assembled Hierarchical Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Microflowers: Superior Li Storage Performance and Insertion/Extraction Mechanism. <i>Advanced Energy Materials</i> , 2015, 5, 1401963.	10.2	169
38	Interaction of Organic Cation with Water Molecule in Perovskite MAPbI <sub>3</sub> : From Dynamic Orientational Disorder to Hydrogen Bonding. <i>Chemistry of Materials</i> , 2016, 28, 7385-7393.	3.2	169
39	Efficient Alkaline Water/Seawater Hydrogen Evolution by a Nanorod-Nanoparticle-Structured Ni-MoN Catalyst with Fast Water-Dissociation Kinetics. <i>Advanced Materials</i> , 2022, 34, e2201774.	11.1	165
40	Advanced Materials for Zinc-Based Flow Battery: Development and Challenge. <i>Advanced Materials</i> , 2019, 31, e1902025.	11.1	160
41	Tailored Organic Electrode Material Compatible with Sulfide Electrolyte for Stable All-Solid-State Sodium Batteries. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2630-2634.	7.2	138
42	Directing Mg-Storage Chemistry in Organic Polymers toward High-Energy Mg Batteries. <i>Joule</i> , 2019, 3, 782-793.	11.7	124
43	High Areal Capacity Hybrid Magnesium-Lithium-Ion Battery with 99.9% Coulombic Efficiency for Large-Scale Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7001-7007.	4.0	123
44	Highly Conductive, Mechanically Robust, and Electrochemically Inactive TiC/C Nanofiber Scaffold for High-Performance Silicon Anode Batteries. <i>ACS Nano</i> , 2011, 5, 8346-8351.	7.3	122
45	Li <sub>3</sub> VO <sub>4</sub> anchored graphene nanosheets for long-life and high-rate lithium-ion batteries. <i>Chemical Communications</i> , 2015, 51, 229-231.	2.2	107
46	Effects of C70 derivative in low band gap polymer photovoltaic devices: Spectral complementation and morphology optimization. <i>Applied Physics Letters</i> , 2006, 89, 153507.	1.5	106
47	Flexible photovoltaic technologies. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1233.	2.7	106
48	Density functional theory study of Li, Na, and Mg intercalation and diffusion in MoS <sub>2</sub> with controlled interlayer spacing. <i>Materials Research Express</i> , 2016, 3, 064001.	0.8	100
49	Critical kinetic control of non-stoichiometric intermediate phase transformation for efficient perovskite solar cells. <i>Nanoscale</i> , 2016, 8, 12892-12899.	2.8	98
50	Cross-conjugated oligomeric quinones for high performance organic batteries. <i>Nano Energy</i> , 2017, 37, 46-52.	8.2	97
51	Separator Effect on Zinc Electrodeposition Behavior and Its Implication for Zinc Battery Lifetime. <i>Nano Letters</i> , 2021, 21, 10446-10452.	4.5	94
52	Rechargeable Mg-Li hybrid batteries: status and challenges. <i>Journal of Materials Research</i> , 2016, 31, 3125-3141.	1.2	92
53	Low Reflectivity and High Flexibility of Tin-Doped Indium Oxide Nanofiber Transparent Electrodes. <i>Journal of the American Chemical Society</i> , 2011, 133, 27-29.	6.6	88
54	Self-Propagating Molecular Assemblies as Interlayers for Efficient Inverted Bulk-Heterojunction Solar Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 12528-12530.	6.6	85

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55	A high-voltage rechargeable magnesium-sodium hybrid battery. <i>Nano Energy</i> , 2017, 34, 188-194.	8.2	84
56	Flexible electrode for long-life rechargeable sodium-ion batteries: effect of oxygen vacancy in $\text{MoO}_3 \cdot x\text{H}_2\text{O}$ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 5402-5405.	5.2	82
57	Nickel-iron bimetallic diselenides with enhanced kinetics for high-capacity and long-life magnesium batteries. <i>Nano Energy</i> , 2018, 54, 360-366.	8.2	82
58	Mixed-phase mullite electrocatalyst for pH-neutral oxygen reduction in magnesium-air batteries. <i>Nano Energy</i> , 2016, 27, 8-16.	8.2	81
59	High-Rate $\text{LiTi}_2(\text{PO}_4)_3 @ \text{N}^{\ominus}\text{C}$ Composite via Bi-nitrogen Sources Doping. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28337-28345.	4.0	77
60	Extrinsic Green Photoluminescence from the Edges of 2D Cesium Lead Halides. <i>Advanced Materials</i> , 2019, 31, e1902492.	11.1	75
61	Hyperbranched PEO-Based Hyperstar Solid Polymer Electrolytes with Simultaneous Improvement of Ion Transport and Mechanical Strength. <i>ACS Applied Energy Materials</i> , 2019, 2, 1608-1615.	2.5	74
62	A high-energy quinone-based all-solid-state sodium metal battery. <i>Nano Energy</i> , 2019, 62, 718-724.	8.2	71
63	Toxicity of exfoliated- $\text{MoS}_2$ and annealed exfoliated- $\text{MoS}_2$ towards planktonic cells, biofilms, and mammalian cells in the presence of electron donor. <i>Environmental Science: Nano</i> , 2015, 2, 370-379.	2.2	70
64	Taming Active Material-Solid Electrolyte Interfaces with Organic Cathode for All-Solid-State Batteries. <i>Joule</i> , 2019, 3, 1349-1359.	11.7	70
65	$\text{Bi}_2\text{Se}_3/\text{C}$ Nanocomposite as a New Sodium-Ion Battery Anode Material. <i>Nano-Micro Letters</i> , 2018, 10, 50.	14.4	65
66	Architectural design and fabrication approaches for solid-state batteries. <i>MRS Bulletin</i> , 2018, 43, 775-781.	1.7	64
67	Functionalization of silicon nanowire surfaces with metal-organic frameworks. <i>Nano Research</i> , 2012, 5, 109-116.	5.8	63
68	3,6-Dithiophen-2-yl-diketopyrrolo[3,2-b]pyrrole (isoDPPT) as an Acceptor Building Block for Organic Opto-Electronics. <i>Macromolecules</i> , 2013, 46, 3895-3906.	2.2	62
69	An electrochemically stable homogeneous glassy electrolyte formed at room temperature for all-solid-state sodium batteries. <i>Nature Communications</i> , 2022, 13, .	5.8	62
70	Stabilizing the Interface between Sodium Metal Anode and Sulfide-Based Solid-State Electrolyte with an Electron-Blocking Interlayer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 9672-9678.	4.0	61
71	Enhancement in open circuit voltage through a cascade-type energy band structure. <i>Applied Physics Letters</i> , 2007, 91, 223508.	1.5	60
72	Recent progress of artificial interfacial layers in aqueous Zn metal batteries. <i>EnergyChem</i> , 2022, 4, 100076.	10.1	59

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73	Effect of electrolyte anions on the cycle life of a polymer electrode in aqueous batteries. <i>EScience</i> , 2022, 2, 110-115.	25.0	58
74	A high-performance oxygen evolution catalyst in neutral-pH for sunlight-driven CO <sub>2</sub> reduction. <i>Nature Communications</i> , 2019, 10, 4081.	5.8	57
75	Current status and future directions of all-solid-state batteries with lithium metal anodes, sulfide electrolytes, and layered transition metal oxide cathodes. <i>Nano Energy</i> , 2021, 87, 106081.	8.2	55
76	Structures and Electrical Properties of Ag@Tetracyanoquinodimethane Organometallic Nanowires. <i>IEEE Nanotechnology Magazine</i> , 2005, 4, 238-241.	1.1	53
77	Optical Absorption Enhancement in Freestanding GaAs Thin Film Nanopyramid Arrays. <i>Advanced Energy Materials</i> , 2012, 2, 1254-1260.	10.2	52
78	Facile Synthesis of Different Morphologies of Cu <sub>2</sub> SnS <sub>3</sub> for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26038-26044.	4.0	52
79	Chromate conversion coated aluminium as a light-weight and corrosion-resistant current collector for aqueous lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 395-399.	5.2	50
80	Internal and external morphology-dependent plasmonic resonance in monolithic nanoporous gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 36682-36688.	1.7	48
81	A magnesium-sodium hybrid battery with high operating voltage. <i>Chemical Communications</i> , 2016, 52, 8263-8266.	2.2	48
82	CO <sub>2</sub> to Formic Acid Using Cu-Sn on Laser-Induced Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 41223-41229.	4.0	48
83	Advanced aqueous rechargeable lithium battery using nanoparticulate LiTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C as a superior anode. <i>Scientific Reports</i> , 2015, 5, 10733.	1.6	46
84	Spontaneous Formation of 2D/3D Heterostructures on the Edges of 2D Ruddlesden-Popper Hybrid Perovskite Crystals. <i>Chemistry of Materials</i> , 2020, 32, 5009-5015.	3.2	45
85	Carbon-coated rhombohedral Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> as both cathode and anode materials for lithium-ion batteries: electrochemical performance and lithium storage mechanism. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20231-20236.	5.2	44
86	Quantifying the relation between the morphology and performance of polymer solar cells using Monte Carlo simulations. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	43
87	Microstructure engineering of solid-state composite cathode via solvent-assisted processing. <i>Joule</i> , 2021, 5, 1845-1859.	11.7	42
88	Investigation of high oxygen reduction reaction catalytic performance on Mn-based mullite SmMn <sub>2</sub> O <sub>5</sub> . <i>Journal of Materials Chemistry A</i> , 2017, 5, 20922-20931.	5.2	39
89	Intercalation Pseudocapacitance of Exfoliated Molybdenum Disulfide for Ultrafast Energy Storage. <i>ChemNanoMat</i> , 2016, 2, 688-691.	1.5	38
90	High-Energy All-Solid-State Organic-Lithium Batteries Based on Ceramic Electrolytes. <i>ACS Energy Letters</i> , 2021, 6, 201-207.	8.8	37

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91	Preparation and electrical/optical bistable property of potassium tetracyanoquinodimethane thin films. <i>Thin Solid Films</i> , 2003, 436, 259-263.	0.8	36
92	High performance printable perovskite solar cells based on Cs <sub>0.1</sub> FA <sub>0.9</sub> PbI <sub>3</sub> in mesoporous scaffolds. <i>Journal of Power Sources</i> , 2019, 415, 105-111.	4.0	34
93	Roadmap of Solid-State Lithium-Organic Batteries toward 500 Wh kg <sup>-1</sup> . <i>ACS Energy Letters</i> , 2021, 6, 3287-3306.	8.8	31
94	<i>In Situ</i> Electron Microscopy Investigation of Sodiation of Titanium Disulfide Nanoflakes. <i>ACS Nano</i> , 2019, 13, 9421-9430.	7.3	30
95	Conformal poly(ethyl $\alpha$ -cyanoacrylate) nano-coating for improving the interface stability of LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> . <i>Electrochimica Acta</i> , 2017, 236, 221-227.	2.6	27
96	Synthesis and Photoluminescence Properties of 2D Phenethylammonium Lead Bromide Perovskite Nanocrystals. <i>Small Methods</i> , 2017, 1, 1700245.	4.6	27
97	Low voltage and fast speed all-polymeric optocouplers. <i>Applied Physics Letters</i> , 2007, 90, 053509.	1.5	26
98	High-efficiency solution processable polymer photovoltaic cells by self-organization of polymer blends. , 2010, , 80-84.		24
99	An $\alpha$ -CrPO <sub>4</sub> -type NaV <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> anode for sodium-ion batteries with excellent cycling stability and the exploration of sodium storage behavior. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3839-3847.	5.2	24
100	Charge Storage Mechanism of a Quinone Polymer Electrode for Zinc-ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 070558.	1.3	24
101	On the quality of tape-cast thin films of sulfide electrolytes for solid-state batteries. <i>Materials Today Physics</i> , 2021, 18, 100397.	2.9	23
102	Tailored Organic Electrode Material Compatible with Sulfide Electrolyte for Stable All-Solid-State Sodium Batteries. <i>Angewandte Chemie</i> , 2018, 130, 2660-2664.	1.6	22
103	Expanded lithiation of titanium disulfide: Reaction kinetics of multi-step conversion reaction. <i>Nano Energy</i> , 2019, 63, 103882.	8.2	21
104	Moisture-driven phase transition for improved perovskite solar cells with reduced trap-state density. <i>Nano Research</i> , 2017, 10, 1413-1422.	5.8	20
105	A Quinone Anode for Lithium-Ion Batteries in Mild Aqueous Electrolytes. <i>ChemSusChem</i> , 2020, 13, 2250-2255.	3.6	20
106	Dendrite-free Lithium Based on Lessons Learned from Lithium and Magnesium Electrodeposition Morphology Simulations. <i>Cell Reports Physical Science</i> , 2021, 2, 100294.	2.8	19
107	Tailoring nucleation and grain growth by changing the precursor phase ratio for efficient organic lead halide perovskite optoelectronic devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10114-10121.	2.7	18
108	Quasi-Solid-State Li <sub>2</sub> O Batteries with Laser-Induced Graphene Cathode Catalysts. <i>ACS Applied Energy Materials</i> , 2020, 3, 1702-1709.	2.5	18

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109	Chemically inert covalently networked triazole-based solid polymer electrolytes for stable all-solid-state lithium batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19691-19695.	5.2	17
110	Stable three-dimensional metal hydride anodes for solid-state lithium storage. <i>Energy Storage Materials</i> , 2019, 18, 423-428.	9.5	16
111	Visualizing highly selective electrochemical CO <sub>2</sub> reduction on a molecularly dispersed catalyst. <i>Materials Today Physics</i> , 2021, 19, 100427.	2.9	15
112	Electrochemical swelling induced high material utilization of porous polymers in magnesium electrolytes. <i>Materials Today</i> , 2022, 55, 29-36.	8.3	13
113	Semihollow Core-Shell Nanoparticles with Porous SiO <sub>2</sub> Shells Encapsulating Elemental Sulfur for Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 47368-47376.	4.0	12
114	Halfway through. <i>Nature Energy</i> , 2019, 4, 10-11.	19.8	11
115	Accelerated Modeling of Lithium Diffusion in Solid State Electrolytes using Artificial Neural Networks. <i>Advanced Theory and Simulations</i> , 2020, 3, 2000097.	1.3	11
116	Investigations of the structure of Na <sub>2</sub> S <sup>-</sup> +P <sub>2</sub> S <sub>5</sub> glassy electrolytes and its impact on Na <sup>+</sup> ionic conductivity through ab initio molecular dynamics. <i>Solid State Ionics</i> , 2019, 338, 177-184.	1.3	8
117	Silver-tetracyanoquinodimethane (Ag-TCNQ) nanostructures and nanodevice. , 0, , .		7
118	Optical Absorption Enhancement: Optical Absorption Enhancement in Freestanding GaAs Thin Film Nanopyramid Arrays ( <i>Adv. Energy Mater.</i> 10/2012). <i>Advanced Energy Materials</i> , 2012, 2, 1150-1150.	10.2	7
119	Preface to the Special Issue of <i>ChemSusChem</i> on Organic Batteries. <i>ChemSusChem</i> , 2020, 13, 2107-2109.	3.6	7
120	Improved Mechanical Durability of High-Performance OPVs Using Semi-Interpenetrating Networks. <i>Advanced Optical Materials</i> , 2020, 8, 2000516.	3.6	6
121	Taming lithium metal through seeded growth. <i>National Science Review</i> , 2017, 4, 17-18.	4.6	5
122	Controlling Porosity of Anode Support in Tubular Solid Oxide Fuel Cells by Freeze Casting. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2020, 17, .	1.1	5
123	Ultrahigh Energy Density Li-Organic Primary Batteries. <i>Energy and Environmental Materials</i> , 2022, 5, 1010-1011.	7.3	5
124	GaAs thin film nanostructure arrays for III-V solar cell applications. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
125	Natural organic matter adsorption conditions influence photocatalytic reaction pathways of phosphate-treated titanium dioxide nanoparticles. <i>Environmental Science: Nano</i> , 2021, 8, 2165-2176.	2.2	4
126	SIW Microstrip Cavity Resonators with a Sensing Aperture. , 2019, , .		2



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127	Zinc-Based Flow Batteries: Advanced Materials for Zinc-Based Flow Battery: Development and Challenge (Adv. Mater. 50/2019). Advanced Materials, 2019, 31, 1970356.	11.1	2
128	Tandem stacking structure for polymer solar cells by using semi-transparent electrodes. , 2006, 6334, 170.		1
129	Gossip-based Multicast Loss Recovery Mechanisms in Group Key Distribution. , 2005, , .		0
130	Effect of side-chains on low band gap polymer photovoltaic devices. , 2006, , .		0
131	Nanostructured polymer solar cells. , 2008, , .		0
132	Low Dose Electron Microscopy of Interlayer Expanded Molybdenum Disulfide Nanocomposites. Microscopy and Microanalysis, 2015, 21, 1057-1058.	0.2	0
133	Titelbild: Tailored Organic Electrode Material Compatible with Sulfide Electrolyte for Stable All-Solid-State Sodium Batteries (Angew. Chem. 10/2018). Angewandte Chemie, 2018, 130, 2531-2531.	1.6	0
134	TEM Characterization of the Edges of CsPb2Br5 Perovskite Crystals. Microscopy and Microanalysis, 2018, 24, 1984-1985.	0.2	0
135	In situ observations of interfacial evolutions in solid-state lithium battery with sulfide-based solid electrolyte. , 2019, , .		0
136	Electrolyte dictated materials design for beyond lithium ion batteries. , 2018, , .		0
137	Benchmarks of the density functional tight-binding method for redox, protonation and electronic properties of quinones. Physical Chemistry Chemical Physics, 2022, 24, 6742-6756.	1.3	0
138	Development of cathode materials for rechargeable magnesium batteries: From intercalation to enolization. , 2022, , .		0