Yiying Wu

List of Publications by Year
in descending order

140 papers	26,043 citations	18436 62 h-index	12910 131 g-index
146 all docs	146 docs citations	146 times ranked	25949 citing authors

#	Article	IF	Citations
1	Room-Temperature Ultraviolet Nanowire Nanolasers. Science, 2001, 292, 1897-1899.	6.0	8,567
2	Thermal conductivity of individual silicon nanowires. Applied Physics Letters, 2003, 83, 2934-2936.	1.5	1,536
3	Mesoporous Co₃O₄ Nanowire Arrays for Lithium Ion Batteries with High Capacity and Rate Capability. Nano Letters, 2008, 8, 265-270.	4.5	1,234
4	Direct Observation of Vaporâˆ’Liquidâˆ’Solid Nanowire Growth. Journal of the American Chemical Society, 2001, 123, 3165-3166.	6.6	980
5	Block-by-Block Growth of Single-Crystalline Si/SiGe Superlattice Nanowires. Nano Letters, 2002, 2, 83-86.	4.5	942
6	Ni_{<i>x</i>}Co_{3âˆ’<i>x</i>}O₄ Nanowire Arrays for Electrocatalytic Oxygen Evolution. Advanced Materials, 2010, 22, 1926-1929.	11.1	837
7	Composite mesostructures by nano-confinement. Nature Materials, 2004, 3, 816-822.	13.3	626
8	Dye-Sensitized Solar Cells Based on Anatase TiO2Nanoparticle/Nanowire Composites. Journal of Physical Chemistry B, 2006, 110, 15932-15938.	1.2	578
9	Germanium Nanowire Growth via Simple Vapor Transport. Chemistry of Materials, 2000, 12, 605-607.	3.2	448
10	Reversible Dendrite-Free Potassium Plating and Stripping Electrochemistry for Potassium Secondary Batteries. Journal of the American Chemical Society, 2017, 139, 9475-9478.	6.6	395
11	Inorganic Semiconductor Nanowires: Rational Growth, Assembly, and Novel Properties. Chemistry - A European Journal, 2002, 8, 1260-1268.	1.7	394
12	Zinc Stannate (Zn2SnO4) Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2007, 129, 4162-4163.	6.6	379
13	Thermal conductivity of Si/SiGe superlattice nanowires. Applied Physics Letters, 2003, 83, 3186-3188.	1.5	355
14	Nanoscale design to enable the revolution in renewable energy. Energy and Environmental Science, 2009, 2, 559.	15.6	348
15	Freestanding Mesoporous Quasi-Single-Crystalline Co3O4Nanowire Arrays. Journal of the American Chemical Society, 2006, 128, 14258-14259.	6.6	338
16	A Low-Overpotential Potassiumâ€“Oxygen Battery Based on Potassium Superoxide. Journal of the American Chemical Society, 2013, 135, 2923-2926.	6.6	298
17	MoS2 as a long-life host material for potassium ion intercalation. Nano Research, 2017, 10, 1313-1321.	5.8	275
18	p-type doping of MoS₂ thin films using Nb. Applied Physics Letters, 2014, 104, 092104.	1.5	268

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19	Fabrication of Silica Nanotube Arrays from Vertical Silicon Nanowire Templates. Journal of the American Chemical Society, 2003, 125, 5254-5255.	6.6	257
20	Photoelectrochemical Study of the Band Structure of Zn₂SnO₄ Prepared by the Hydrothermal Method. Journal of the American Chemical Society, 2009, 131, 3216-3224.	6.6	246
21	Integrating a redox-coupled dye-sensitized photoelectrode into a lithiumâ€“oxygen battery for photoassisted charging. Nature Communications, 2014, 5, 5111.	5.8	236
22	Potassium-Ion Oxygen Battery Based on a High Capacity Antimony Anode. ACS Applied Materials & Interfaces, 2015, 7, 26158-26166.	4.0	227
23	Templated Synthesis of Highly Ordered Mesostructured Nanowires and Nanowire Arrays. Nano Letters, 2004, 4, 2337-2342.	4.5	205
24	Large area single crystal (0001) oriented MoS2. Applied Physics Letters, 2013, 102, .	1.5	200
25	Photostable p-Type Dye-Sensitized Photoelectrochemical Cells for Water Reduction. Journal of the American Chemical Society, 2013, 135, 11696-11699.	6.6	189
26	Dimeric [Mo₂S₁₂]^{2âˆ’} Cluster: A Molecular Analogue of MoS₂ Edges for Superior Hydrogenâ€Evolution Electrocatalysis. Angewandte Chemie - International Edition, 2015, 54, 15181-15185.	7.2	160
27	INORGANIC SEMICONDUCTOR NANOWIRES. International Journal of Nanoscience, 2002, 01, 1-39.	0.4	155
28	p-Type Dye-Sensitized Solar Cells Based on Delafossite CuGaO₂ Nanoplates with Saturation Photovoltages Exceeding 460 mV. Journal of Physical Chemistry Letters, 2012, 3, 1074-1078.	2.1	154
29	Localized Highâ€Concentration Electrolytes Boost Potassium Storage in Highâ€Loading Graphite. Advanced Energy Materials, 2019, 9, 1902618.	10.2	153
30	Monoammonium Porphyrin for Blade-Coating Stable Large-Area Perovskite Solar Cells with >18% Efficiency. Journal of the American Chemical Society, 2019, 141, 6345-6351.	6.6	149
31	Synthesis and photocatalytic properties of highly crystalline and ordered mesoporous TiO2 thin films. Chemical Communications, 2004, , 1670.	2.2	142
32	Ammonia-Evaporation-Induced Synthetic Method for Metal (Cu, Zn, Cd, Ni) Hydroxide/Oxide Nanostructures. Chemistry of Materials, 2008, 20, 567-576.	3.2	142
33	Unveiling the influence of electrode/electrolyte interface on the capacity fading for typical graphite-based potassium-ion batteries. Energy Storage Materials, 2020, 24, 319-328.	9.5	140
34	Membrane-Inspired Acidically Stable Dye-Sensitized Photocathode for Solar Fuel Production. Journal of the American Chemical Society, 2016, 138, 1174-1179.	6.6	122
35	Valence Band-Edge Engineering of Nickel Oxide Nanoparticles via Cobalt Doping for Application in p-Type Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2012, 4, 5922-5929.	4.0	119
36	Capillary Encapsulation of Metallic Potassium in Aligned Carbon Nanotubes for Use as Stable Potassium Metal Anodes. Advanced Energy Materials, 2019, 9, 1901427.	10.2	118

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37	Understanding Side Reactions in Kâ€“O₂ Batteries for Improved Cycle Life. ACS Applied Materials & Interfaces, 2014, 6, 19299-19307.	4.0	117
38	Cu(i)-based delafossite compounds as photocathodes in p-type dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2014, 16, 5026.	1.3	116
39	Linker effect in organic donorâ€“acceptor dyes for p-type NiO dye sensitized solar cells. Energy and Environmental Science, 2011, 4, 2818.	15.6	110
40	Solar-powered electrochemical energy storage: an alternative to solar fuels. Journal of Materials Chemistry A, 2016, 4, 2766-2782.	5.2	109
41	p-Type Dye-Sensitized NiO Solar Cells: A Study by Electrochemical Impedance Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 25109-25114.	1.5	101
42	Intramolecular Electric Field Construction in Metal Phthalocyanine as Dopantâ€Free Hole Transporting Material for Stable Perovskite Solar Cells with >21â€‰% Efficiency. Angewandte Chemie - International Edition, 2021, 60, 6294-6299.	7.2	101
43	Potassium Superoxide: A Unique Alternative for Metalâ€“Air Batteries. Accounts of Chemical Research, 2018, 51, 2335-2343.	7.6	99
44	Concentrated Electrolyte for the Sodiumâ€“Oxygen Battery: Solvation Structure and Improved Cycle Life. Angewandte Chemie - International Edition, 2016, 55, 15310-15314.	7.2	97
45	Efficient Grain Boundary Suture by Low-Cost Tetra-ammonium Zinc Phthalocyanine for Stable Perovskite Solar Cells with Expanded Photoresponse. Journal of the American Chemical Society, 2018, 140, 11577-11580.	6.6	95
46	Probing the Low Fill Factor of NiO p-Type Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 26239-26246.	1.5	94
47	Investigating dendrites and side reactions in sodiumâ€“oxygen batteries for improved cycle lives. Chemical Communications, 2015, 51, 7665-7668.	2.2	93
48	Metal Nanowire Formation Using Mo3Se3-as Reducing and Sacrificing Templates. Journal of the American Chemical Society, 2001, 123, 10397-10398.	6.6	89
49	Simultaneous Stabilization of Potassium Metal and Superoxide in Kâ€“O₂ Batteries on the Basis of Electrolyte Reactivity. Angewandte Chemie - International Edition, 2018, 57, 10864-10867.	7.2	86
50	Germanium/carbon coreâ€“sheath nanostructures. Applied Physics Letters, 2000, 77, 43-45.	1.5	84
51	Grain Boundary Engineering with Self-Assembled Porphyrin Supramolecules for Highly Efficient Large-Area Perovskite Photovoltaics. Journal of the American Chemical Society, 2021, 143, 18989-18996.	6.6	83
52	Synthesis, Photophysics, and Photovoltaic Studies of Ruthenium Cyclometalated Complexes as Sensitizers for p-Type NiO Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 16854-16863.	1.5	81
53	Artificial Solidâ€Electrolyte Interphase Enabled Highâ€Capacity and Stable Cycling Potassium Metal Batteries. Advanced Energy Materials, 2019, 9, 1902697.	10.2	81
54	Exploring Stability of Nonaqueous Electrolytes for Potassium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 1828-1833.	2.5	78

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55	Machine Learning for Understanding Compatibility of Organicâ€“Inorganic Hybrid Perovskites with Post-Treatment Amines. ACS Energy Letters, 2019, 4, 397-404.	8.8	78
56	Scalable synthesis of delafossite CuAlO2 nanoparticles for p-type dye-sensitized solar cells applications. Journal of Alloys and Compounds, 2014, 591, 275-279.	2.8	74
57	Understanding the Crystallization Mechanism of Delafossite CuGaO₂ for Controlled Hydrothermal Synthesis of Nanoparticles and Nanoplates. Inorganic Chemistry, 2014, 53, 5845-5851.	1.9	70
58	Cyclometalated Ruthenium Sensitizers Bearing a Triphenylamino Group for p-Type NiO Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 8641-8648.	4.0	68
59	Predictive Design Model for Low-Dimensional Organicâ€“Inorganic Halide Perovskites Assisted by Machine Learning. Journal of the American Chemical Society, 2021, 143, 12766-12776.	6.6	68
60	The Effect of an Atomically Deposited Layer of Alumina on NiO in P-type Dye-Sensitized Solar Cells. Langmuir, 2012, 28, 950-956.	1.6	66
61	Chemical Synthesis of K₂S₂ and K₂S₃ for Probing Electrochemical Mechanisms in Kâ€“S Batteries. ACS Energy Letters, 2018, 3, 2858-2864.	8.8	64
62	Electrocatalytic Activity of Graphene Multilayers toward Iâˆ’/I3âˆ’: Effect of Preparation Conditions and Polyelectrolyte Modification. Journal of Physical Chemistry C, 2010, 114, 15857-15861.	1.5	63
63	Mesoporous Nb-Doped TiO₂ as Pt Support for Counter Electrode in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2009, 113, 7456-7460.	1.5	59
64	Anchoring an Artificial Protective Layer To Stabilize Potassium Metal Anode in Rechargeable Kâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2019, 11, 16571-16577.	4.0	57
65	Critical Role of Screw Dislocation in the Growth of Co(OH)₂ Nanowires as Intermediates for Co₃O₄ Nanowire Growth. Chemistry of Materials, 2010, 22, 5537-5542.	3.2	56
66	A double-acceptor as a superior organic dye design for p-type DSSCs: high photocurrents and the observed light soaking effect. Physical Chemistry Chemical Physics, 2014, 16, 26103-26111.	1.3	55
67	pH-Tuning a Solar Redox Flow Battery for Integrated Energy Conversion and Storage. ACS Energy Letters, 2016, 1, 578-582.	8.8	55
68	The Longâ€Term Stability of KO₂ in Kâ€O₂ Batteries. Angewandte Chemie - International Edition, 2018, 57, 1227-1231.	7.2	55
69	Formation of Na0.44MnO2 nanowires via stress-induced splitting of birnessite nanosheets. Nano Research, 2009, 2, 54-60.	5.8	53
70	Tunable Molecular MoS₂ Edge-Site Mimics for Catalytic Hydrogen Production. Inorganic Chemistry, 2016, 55, 3960-3966.	1.9	53
71	Single-Crystal Mesoporous Silica Ribbons. Angewandte Chemie - International Edition, 2005, 44, 332-336.	7.2	50
72	Probing Mechanisms for Inverse Correlation between Rate Performance and Capacity in Kâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2017, 9, 4301-4308.	4.0	49

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73	Superoxide-Based Kâ€"O₂ Batteries: Highly Reversible Oxygen Redox Solves Challenges in Air Electrodes. Journal of the American Chemical Society, 2020, 142, 11629-11640.	6.6	49
74	Photoinduced Electron Transfer Dynamics of Cyclometalated Ruthenium (II)â€"Naphthalenediimide Dyad at NiO Photocathode. Journal of Physical Chemistry C, 2013, 117, 18315-18324.	1.5	44
75	Photoelectrochemical Study of the Ilmenite Polymorph of CdSnO₃ and Its Photoanodic Application in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2010, 114, 6802-6807.	1.5	42
76	[MoO(S₂)₂L]^{1â€"} (L = picolinate or pyrimidine-2-carboxylate) Complexes as MoS_{<i>x</i>}-Inspired Electrocatalysts for Hydrogen Production in Aqueous Solution. Journal of the American Chemical Society, 2016, 138, 13726-13731.	6.6	41
77	Antiperovskite Superionic Conductors: A Critical Review. ACS Materials Au, 2021, 1, 92-106.	2.6	41
78	A dehydrobenzoannulene-based two-dimensional covalent organic framework as an anode material for lithium-ion batteries. Molecular Systems Design and Engineering, 2020, 5, 97-101.	1.7	37
79	Alkynyl-Based Covalent Organic Frameworks as High-Performance Anode Materials for Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 41628-41636.	4.0	37
80	Characterization of heat transfer along a silicon nanowire using thermoreflectance technique. IEEE Nanotechnology Magazine, 2006, 5, 67-74.	1.1	36
81	Preparation, characterization, and electrocatalytic performance of graphene-methylene blue thin films. Nano Research, 2011, 4, 124-130.	5.8	35
82	Dyeâ€Controlled Interfacial Electron Transfer for Highâ€Current Indium Tin Oxide Photocathodes. Angewandte Chemie - International Edition, 2015, 54, 6857-6861.	7.2	35
83	Anthraquinone Redox Relay for Dyeâ€Sensitized Photoâ€electrochemical H₂O₂ Production. Angewandte Chemie - International Edition, 2020, 59, 10904-10908.	7.2	35
84	Molecular Orbital Engineering of a Panchromatic Cyclometalated Ru(II) Dye for p-Type Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16518-16525.	1.5	34
85	Greatly Enhanced Anode Stability in Kâ€Oxygen Batteries with an In Situ Formed Solventâ€•and Oxygenâ€Impermeable Protection Layer. Advanced Energy Materials, 2017, 7, .	10.2	34
86	Ambient Pressure X-ray Photoelectron Spectroscopy Investigation of Thermally Stable Halide Perovskite Solar Cells via Post-Treatment. ACS Applied Materials & Interfaces, 2020, 12, 43705-43713.	4.0	34
87	Anion-Redox Mechanism of MoO(S₂)₂(2,2â€²-bipyridine) for Electrocatalytic Hydrogen Production. Journal of the American Chemical Society, 2017, 139, 4342-4345.	6.6	33
88	From Kâ€O₂ to Kâ€Air Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. Angewandte Chemie - International Edition, 2020, 59, 10498-10501.	7.2	33
89	Antiperovskite K₃OI for K-Ion Solid State Electrolyte. Journal of Physical Chemistry Letters, 2021, 12, 7120-7126.	2.1	33
90	Sonochemical synthesis of copper hydride (CuH). Chemical Communications, 2012, 48, 1302-1304.	2.2	32

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91	Building a Reactive Armor Using S-Doped Graphene for Protecting Potassium Metal Anodes from Oxygen Crossover in Kâ€“O₂ Batteries. ACS Energy Letters, 2020, 5, 1788-1793.	8.8	32
92	Pursuing graphite-based K-ion O₂ batteries: a lesson from Li-ion batteries. Energy and Environmental Science, 2020, 13, 3656-3662.	15.6	31
93	The Longâ€Term Stability of KO₂ in Kâ€O₂ Batteries. Angewandte Chemie, 2018, 130, 1241-1245.	1.6	30
94	Existence of Ligands within Solâ€“Gel-Derived ZnO Films and Their Effect on Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 43116-43121.	4.0	28
95	Dirhodium(II,II)/NiO Photocathode for Photoelectrocatalytic Hydrogen Evolution with Red Light. Journal of the American Chemical Society, 2021, 143, 1610-1617.	6.6	28
96	2H-CuScO₂ Prepared by Low-Temperature Hydrothermal Methods and Post-Annealing Effects on Optical and Photoelectrochemical Properties. Inorganic Chemistry, 2015, 54, 5519-5526.	1.9	27
97	A Bioinspired Molybdenum Catalyst for Aqueous Perchlorate Reduction. Journal of the American Chemical Society, 2021, 143, 7891-7896.	6.6	26
98	Assembly of spherical micelles in 2D physical confinements and their replication into mesoporous silica nanorods. Journal of Materials Chemistry, 2007, 17, 4558.	6.7	24
99	Dye-sensitized photocathodes for oxygen reduction: efficient H₂O₂ production and aprotic redox reactions. Chemical Science, 2019, 10, 5519-5527.	3.7	23
100	Excimer-Mediated Intermolecular Charge Transfer in Self-Assembled Donorâ€“Acceptor Dyes on Metal Oxides. Journal of the American Chemical Society, 2019, 141, 8727-8731.	6.6	22
101	Bilayer Dye Protected Aqueous Photocathodes for Tandem Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2017, 121, 8787-8795.	1.5	21
102	Phase Transferâ€Mediated Degradation of Etherâ€Based Localized Highâ€Concentration Electrolytes in Alkali Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	21
103	Concentrated Electrolyte for the Sodiumâ€“Oxygen Battery: Solvation Structure and Improved Cycle Life. Angewandte Chemie, 2016, 128, 15536-15540.	1.6	20
104	A reaction-and-assembly approach using monoamine zinc porphyrin for highly stable large-area perovskite solar cells. Science China Chemistry, 2020, 63, 777-784.	4.2	19
105	K₃SbS₄ as a Potassium Superionic Conductor with Low Activation Energy for Kâ€“S Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	19
106	Decoupling pH Dependence of Flat Band Potential in Aqueous Dye-Sensitized Electrodes. Journal of Physical Chemistry C, 2019, 123, 8681-8687.	1.5	17
107	Designing Potassium Battery Salts through a Solvent-in-Anion Concept for Concentrated Electrolytes and Mimicking Solvation Structures. Chemistry of Materials, 2020, 32, 10423-10434.	3.2	16
108	Single Potassium-Ion Conducting Polymer Electrolytes: Preparation, Ionic Conductivities, and Electrochemical Stability. ACS Applied Energy Materials, 2021, 4, 4156-4164.	2.5	14

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109	Electron Transfer Kinetics of a Series of Bilayer Triphenylamineâ€“Oligothiopheneâ€“Perylenemonoimide Sensitizers for Dye-Sensitized NiO. Journal of Physical Chemistry C, 2017, 121, 20720-20728.	1.5	13
110	Alkaliâ€Oxygen Batteries Based on Reversible Superoxide Chemistry. Chemistry - A European Journal, 2018, 24, 17627-17637.	1.7	13
111	An Indacenodithieno[3,2â€b]thiopheneâ€Based Organic Dye for Solidâ€State pâ€Type Dyeâ€Sensitized Solar Cells. ChemSusChem, 2019, 12, 3243-3248.	3.6	13
112	Simultaneous Stabilization of Potassium Metal and Superoxide in Kâ€“O 2 Batteries on the Basis of Electrolyte Reactivity. Angewandte Chemie, 2018, 130, 11030-11033.	1.6	12
113	KB₃H₈Â·NH₃B₃H₇ Complex as a Potential Solid-State Electrolyte with Excellent Stability against K Metal. ACS Applied Materials & Interfaces, 2022, 14, 17378-17387.	4.0	12
114	Intramolecular Electric Field Construction in Metal Phthalocyanine as Dopantâ€Free Hole Transporting Material for Stable Perovskite Solar Cells with >21â€‰% Efficiency. Angewandte Chemie, 2021, 133, 6364-6369.	1.6	11
115	Electrocatalytic Properties of Cuprous Delafossite Oxides for the Alkaline Oxygen Reduction Reaction. ChemCatChem, 2017, 9, 3837-3842.	1.8	10
116	Use of Polarization Curves and Impedance Analyses to Optimize the â€œTriple-Phase Boundaryâ€•in Kâ€“O2 Batteries. ACS Applied Materials & Interfaces, 2019, 11, 2925-2934.	4.0	10
117	From Kâ€O 2 to Kâ€Air Batteries: Realizing Superoxide Batteries on the Basis of Dry Ambient Air. Angewandte Chemie, 2020, 132, 10584-10587.	1.6	10
118	A Graphite Intercalation Composite as the Anode for the Potassium-Ion Oxygen Battery in a Concentrated Ether-Based Electrolyte. ACS Applied Materials & Interfaces, 2020, 12, 37027-37033.	4.0	9
119	[Mo2O2S8]2âˆ’ small molecule dimer as a basis for hydrogen evolution reaction (HER) catalyst materials. SN Applied Sciences, 2020, 2, 1.	1.5	8
120	Achieving ultralong cycle life graphite binary intercalation in intermediate-concentration ether-based electrolyte for potassium-ion batteries. Carbon, 2022, 196, 229-235.	5.4	8
121	K⁺ Single Cation Ionic Liquids Electrolytes with Low Melting Asymmetric Salt. Journal of Physical Chemistry C, 2022, 126, 11407-11413.	1.5	8
122	Measurements of Bi/sub 2/Te/sub 3/ nanowire thermal conductivity and Seebeck coefficient. , 0, , .		7
123	Interfacial design of new generation of dye-sensitized photoelectrochemical cells for water oxidation. Science China Chemistry, 2018, 61, 1203-1204.	4.2	7
124	Anthraquinone Redox Relay for Dyeâ€Sensitized Photoâ€electrochemical H₂O₂ Production. Angewandte Chemie, 2020, 132, 10996-11000.	1.6	7
125	Unusual Melting Trend in an Alkali Asymmetric Sulfonamide Salt Series: Single-Crystal Analysis and Modeling. Inorganic Chemistry, 2021, 60, 14679-14686.	1.9	5
126	Low frequency noise in chemical vapor deposited MoS<inf>2</inf>. , 2013, , .		4

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127	K₃SbS₄ as a Potassium Superionic Conductor with Low Activation Energy for Kâ€“S Batteries. Angewandte Chemie, 2022, 134, .	1.6	4
128	Phase Transferâ€Mediated Degradation of Etherâ€Based Localized Highâ€Concentration Electrolytes in Alkali Metal Batteries. Angewandte Chemie, 2022, 134, .	1.6	4
129	Preface: Forum on New Materials and Approaches for Beyond Li-ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 4281-4281.	4.0	2
130	Engineering Nanostructures for Single-Molecule Surface-Enhanced Raman Spectroscopy. Israel Journal of Chemistry, 2006, 46, 283-291.	1.0	1
131	Electron transport in large-area epitaxial MoS2. , 2014, , .		1
132	NANOCRYSTALLINE OXIDE SEMICONDUCTORS FOR DYE-SENSITIZED SOLAR CELLS. , 2011, , 127-173.		0
133	Exploring Thermal Properties of M0S2 Using In Situ Quantitative STEM. Microscopy and Microanalysis, 2016, 22, 912-913.	0.2	0
134	Frontispiece: Alkali-Oxygen Batteries Based on Reversible Superoxide Chemistry. Chemistry - A European Journal, 2018, 24, .	1.7	0
135	Photoelectrochemical H₂O₂Production from Oxygen Reduction. ACS Symposium Series, 2020, , 93-109.	0.5	0
136	Frontispiece: Intramolecular Electric Field Construction in Metal Phthalocyanine as Dopantâ€Free Hole Transporting Material for Stable Perovskite Solar Cells with >21â€‰% Efficiency. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
137	Frontispiz: Intramolecular Electric Field Construction in Metal Phthalocyanine as Dopantâ€Free Hole Transporting Material for Stable Perovskite Solar Cells with >21â€‰% Efficiency. Angewandte Chemie, 2021, 133, .	1.6	0
138	Vibrational Spectroscopy of Beam-Sensitive Materials in the Transmission Electron Microscope. Microscopy and Microanalysis, 2021, 27, 592-594.	0.2	0
139	Engineering Nanostructures for Single-Molecule Surface-Enhanced Raman Spectroscopy. Israel Journal of Chemistry, 2006, 46, 283-291.	1.0	0
140	Forum on Emerging Materials for Catalysis and Energy Applications: In Memory of Professor Chia-Kuang (Frank) Tsung. ACS Applied Materials & Interfaces, 2021, 13, 51807-51808.	4.0	0