Jingyu Xi

List of Publications by Year
in descending order

139 papers	9,389 citations	28274 55 h-index	42399 92 g-index
139 all docs	139 docs citations	139 times ranked	6868 citing authors

#	Article	IF	Citations
1	Nafion/SiO2 hybrid membrane for vanadium redox flow battery. Journal of Power Sources, 2007, 166, 531-536.	7.8	416
2	A comparative study of Nafion series membranes for vanadium redox flow batteries. Journal of Membrane Science, 2016, 510, 18-26.	8.2	384
3	Electrochemical activation of graphite felt electrode for VO2+/VO2+ redox couple application. Electrochimica Acta, 2013, 89, 429-435.	5.2	300
4	Self-assembled polyelectrolyte multilayer modified Nafion membrane with suppressed vanadium ion crossover for vanadium redox flow batteries. Journal of Materials Chemistry, 2008, 18, 1232.	6.7	277
5	SPEEK/Graphene oxide nanocomposite membranes with superior cyclability for highly efficient vanadium redox flow battery. Journal of Materials Chemistry A, 2014, 2, 12423-12432.	10.3	244
6	ZrO₂-Nanoparticle-Modified Graphite Felt: Bifunctional Effects on Vanadium Flow Batteries. ACS Applied Materials & Interfaces, 2016, 8, 15369-15378.	8.0	234
7	Nickelâ€"Copper Alloy Encapsulated in Graphitic Carbon Shells as Electrocatalysts for Hydrogen Evolution Reaction. Advanced Energy Materials, 2018, 8, 1701759.	19.5	225
8	Nafion/organic silica modified TiO2 composite membrane for vanadium redox flow battery via in situ solâ€"gel reactions. Journal of Membrane Science, 2009, 341, 149-154.	8.2	206
9	Boosting vanadium flow battery performance by Nitrogen-doped carbon nanospheres electrocatalyst. Nano Energy, 2016, 28, 19-28.	16.0	192
10	PVDFâ€"PEO blends based microporous polymer electrolyte: Effect of PEO on pore configurations and ionic conductivity. Journal of Power Sources, 2006, 157, 501-506.	7.8	171
11	Nafion/organically modified silicate hybrids membrane for vanadium redox flow battery. Journal of Power Sources, 2009, 189, 1240-1246.	7.8	170
12	One-Pot Synthesis of Poly(cyclotriphosphazene-co-4,4â€²-sulfonyldiphenol) Nanotubes via an Inâ€‰Situ Template Approach. Advanced Materials, 2006, 18, 2997-3000.	21.0	167
13	Effect of degree of sulfonation and casting solvent on sulfonated poly(ether ether ketone) membrane for vanadium redox flow battery. Journal of Power Sources, 2015, 285, 195-204.	7.8	167
14	Influences of Permeation of Vanadium Ions through PVDF-g-PSSA Membranes on Performances of Vanadium Redox Flow Batteries. Journal of Physical Chemistry B, 2005, 109, 20310-20314.	2.6	166
15	Insights into the Impact of the Nafion Membrane Pretreatment Process on Vanadium Flow Battery Performance. ACS Applied Materials & Interfaces, 2016, 8, 12228-12238.	8.0	166
16	Properties Investigation of Sulfonated Poly(ether ether ketone)/Polyacrylonitrile Acidâ€"Base Blend Membrane for Vanadium Redox Flow Battery Application. ACS Applied Materials & Interfaces, 2014, 6, 18885-18893.	8.0	162
17	KOH etched graphite felt with improved wettability and activity for vanadium flow batteries. Electrochimica Acta, 2016, 218, 15-23.	5.2	156
18	Electrochemical oxidation of ethanol on Ptâ€"ZrO2/C catalyst. Electrochemistry Communications, 2005, 7, 1087-1090.	4.7	150

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19	Achieving efficient and inexpensive vanadium flow battery by combining CexZr1âˆ’xO2 electrocatalyst and hydrocarbon membrane. Chemical Engineering Journal, 2019, 356, 622-631.	12.7	141
20	CeO₂decorated graphite felt as a high-performance electrode for vanadium redox flow batteries. RSC Advances, 2014, 4, 61912-61918.	3.6	128
21	Structural designing of Pt-CeO2/CNTs for methanol electro-oxidation. Journal of Power Sources, 2007, 164, 555-560.	7.8	127
22	Broad temperature adaptability of vanadium redox flow batteryâ€”Part 1: Electrolyte research. Electrochimica Acta, 2016, 187, 525-534.	5.2	127
23	Holey-engineered electrodes for advanced vanadium flow batteries. Nano Energy, 2018, 43, 55-62.	16.0	127
24	Exceptional Performance of Hierarchical Niâ€“Fe (hydr)oxide@NiCu Electrocatalysts for Water Splitting. Advanced Materials, 2019, 31, e1806769.	21.0	124
25	Sulfonated Poly(Ether Ether Ketone)/Graphene composite membrane for vanadium redox flow battery. Electrochimica Acta, 2014, 132, 200-207.	5.2	120
26	Sulfonated poly(ether ether ketone)/mesoporous silica hybrid membrane for high performance vanadium redox flow battery. Journal of Power Sources, 2014, 257, 221-229.	7.8	113
27	Preparation and characterization of sulfonated poly(ether ether ketone)/poly(vinylidene fluoride) blend membrane for vanadium redox flow battery application. Journal of Power Sources, 2013, 237, 132-140.	7.8	94
28	Ternary Platinumâ€“Copperâ€“Nickel Nanoparticles Anchored to Hierarchical Carbon Supports as Free-Standing Hydrogen Evolution Electrodes. ACS Applied Materials & Interfaces, 2016, 8, 3464-3472.	8.0	93
29	Composite polymer electrolyte doped with mesoporous silica SBA-15 for lithium polymer battery. Solid State Ionics, 2005, 176, 1249-1260.	2.7	91
30	A recast Nafion/graphene oxide composite membrane for advanced vanadium redox flow batteries. RSC Advances, 2016, 6, 3756-3763.	3.6	90
31	Membrane evaluation for vanadium flow batteries in a temperature range of âˆ’20â€“50 Â°C. Journal of Membrane Science, 2017, 522, 45-55.	8.2	90
32	Electrochemical characterization of Pt-CeO2/C and Pt-CexZr1âˆ’xO2/C catalysts for ethanol electro-oxidation. Applied Catalysis B: Environmental, 2007, 73, 144-149.	20.2	89
33	The degradation mechanism of methyl orange under photo-catalysis of TiO2. Physical Chemistry Chemical Physics, 2012, 14, 3589.	2.8	89
34	Nanocomposite polymer electrolyte based on Poly(ethylene oxide) and solid super acid for lithium polymer battery. Chemical Physics Letters, 2004, 393, 271-276.	2.6	88
35	Enhanced electrochemical properties of PEO-based composite polymer electrolyte with shape-selective molecular sieves. Journal of Power Sources, 2006, 156, 581-588.	7.8	84
36	Broad temperature adaptability of vanadium redox flow batteryâ€”Part 2: Cell research. Electrochimica Acta, 2016, 191, 695-704.	5.2	84

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37	Seed-mediated synthesis of PtxAuy@Ag electrocatalysts for the selective oxidation of glycerol. Applied Catalysis B: Environmental, 2019, 245, 604-612.	20.2	82
38	Enhanced high-potential and elevated-temperature cycling stability of LiMn2O4 cathode by TiO2 modification for Li-ion battery. Electrochimica Acta, 2006, 51, 6406-6411.	5.2	80
39	The benefits and limitations of electrolyte mixing in vanadium flow batteries. Applied Energy, 2017, 204, 373-381.	10.1	76
40	Reduction of capacity decay in vanadium flow batteries by an electrolyte-reflow method. Journal of Power Sources, 2017, 338, 17-25.	7.8	73
41	Comparison study of few-layered graphene supported platinum and platinum alloys for methanol and ethanol electro-oxidation. Journal of Power Sources, 2015, 278, 235-244.	7.8	71
42	Waste cotton cloth derived carbon microtube textile: a robust and scalable interlayer for lithiumâ€"sulfur batteries. Chemical Communications, 2019, 55, 2289-2292.	4.1	70
43	Durable and Efficient PTFE Sandwiched SPEEK Membrane for Vanadium Flow Batteries. ACS Applied Materials & Interfaces, 2016, 8, 23425-23430.	8.0	68
44	Synthesis of Ultrafine Pt Nanoparticles Stabilized by Pristine Graphene Nanosheets for Electro-oxidation of Methanol. ACS Applied Materials & Interfaces, 2014, 6, 15162-15170.	8.0	66
45	Highly branched sulfonated poly(fluorenyl ether ketone sulfone)s membrane for energy efficient vanadium redox flow battery. Journal of Power Sources, 2015, 285, 109-118.	7.8	66
46	Acid-base membranes of imidazole-based sulfonated polyimides for vanadium flow batteries. Journal of Membrane Science, 2018, 552, 167-176.	8.2	65
47	Selective production of hydrogen by partial oxidation of methanol over Cu/Cr catalysts. Journal of Molecular Catalysis A, 2003, 191, 123-134.	4.8	63
48	Facile approach to enhance the Pt utilization and CO-tolerance of Pt/C catalysts by physically mixing with transition-metal oxide nanoparticles. Chemical Communications, 2007, , 1656.	4.1	63
49	CeO2 nanoparticles improved Pt-based catalysts for direct alcohol fuel cells. International Journal of Hydrogen Energy, 2012, 37, 15938-15947.	7.1	63
50	Characterization of sulfonated poly(ether ether ketone)/poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (fluoride-co-hexaf Journal of Power Sources, 2014, 272, 427-435.	7.8	63
51	Aliphatic/aromatic sulfonated polyimide membranes with cross-linked structures for vanadium flow batteries. Journal of Membrane Science, 2019, 572, 119-127.	8.2	63
52	CNT@polydopamine embedded mixed matrix membranes for high-rate and long-life vanadium flow batteries. Journal of Membrane Science, 2018, 549, 411-419.	8.2	60
53	Carbon Microtube Textile with MoS₂ Nanosheets Grown on Both Outer and Inner Walls as Multifunctional Interlayer for Lithiumâ€"Sulfur Batteries. Advanced Science, 2020, 7, 1903260.	11.2	60
54	PVDF-g-PSSA and Al2O3 composite proton exchange membranes. Journal of Power Sources, 2006, 161, 54-60.	7.8	59

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55	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. ACS Sustainable Chemistry and Engineering, 2016, 4, 2351-2358.	6.7	57
56	Enhanced electrochemical properties of poly(ethylene oxide)-based composite polymer electrolyte with ordered mesoporous materials for lithium polymer battery. Microporous and Mesoporous Materials, 2006, 88, 1-7.	4.4	56
57	Broad temperature adaptability of vanadium redox flow battery-Part 3: The effects of total vanadium concentration and sulfuric acid concentration. Electrochimica Acta, 2018, 259, 11-19.	5.2	56
58	State of charge monitoring for vanadium redox flow batteries by the transmission spectra of V(IV)/V(V) electrolytes. Journal of Applied Electrochemistry, 2012, 42, 1025-1031.	2.9	55
59	Tailoring the vanadium/proton ratio of electrolytes to boost efficiency and stability of vanadium flow batteries over a wide temperature range. Applied Energy, 2021, 301, 117454.	10.1	54
60	Partial Oxidation of Ethanol to Hydrogen over Niâ€"Fe Catalysts. Catalysis Letters, 2002, 81, 63-68.	2.6	53
61	Nanocomposite polymer electrolyte comprising PEO/LiClO4 and solid super acid: effect of sulphated-zirconia on the crystallization kinetics of PEO. Polymer, 2005, 46, 5702-5706.	3.8	53
62	Selective Transporting of Lithium Ion by Shape Selective Molecular Sieves ZSM-5 in PEO-Based Composite Polymer Electrolyte. Macromolecules, 2004, 37, 8592-8598.	4.8	52
63	TiO2 nanoparticles promoted Pt/C catalyst for ethanol electro-oxidation. Electrochimica Acta, 2012, 67, 166-171.	5.2	52
64	Sandwiching h-BN Monolayer Films between Sulfonated Poly(ether ether ketone) and Nafion for Proton Exchange Membranes with Improved Ion Selectivity. ACS Nano, 2019, 13, 2094-2102.	14.6	52
65	Ultralight carbon flakes modified separator as an effective polysulfide barrier for lithium-sulfur batteries. Electrochimica Acta, 2019, 295, 910-917.	5.2	50
66	Synthesis of Pt, PtRh, and PtRhNi Alloys Supported by Pristine Graphene Nanosheets for Ethanol Electrooxidation. ChemCatChem, 2014, 6, 3254-3261.	3.7	49
67	Selective Electro-Oxidation of Glycerol to Dihydroxyacetone by PtAg Skeletons. ACS Applied Materials & Interfaces, 2019, 11, 28953-28959.	8.0	49
68	A nanocomposite proton exchange membrane based on PVDF, poly(2-acrylamido-2-methyl propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 894-899.	7.8	46
69	Alcohol electro-oxidation on platinumâ€"ceria/graphene nanosheet in alkaline solutions. International Journal of Hydrogen Energy, 2016, 41, 20709-20719.	7.1	46
70	Carbon dots promoted vanadium flow batteries for all-climate energy storage. Chemical Communications, 2017, 53, 7565-7568.	4.1	46
71	In situ mapping of activity distribution and oxygen evolution reaction in vanadium flow batteries. Nature Communications, 2019, 10, 5286.	12.8	45
72	Nano oxides incorporated sulfonated poly(ether ether ketone) membranes with improved selectivity and stability for vanadium redox flow battery. Journal of Solid State Electrochemistry, 2016, 20, 1271-1283.	2.5	44

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73	Promoting the current for methanol electro-oxidation by mixing Pt-based catalysts with CeO2 nanoparticles. Journal of Power Sources, 2007, 170, 297-302.	7.8	43
74	Electrochemical evaluation methods of vanadium flow battery electrodes. Physical Chemistry Chemical Physics, 2017, 19, 14708-14717.	2.8	43
75	Polydopamine coated SPEEK membrane for a vanadium redox flow battery. RSC Advances, 2015, 5, 33400-33406.	3.6	42
76	A new proton conducting membrane based on copolymer of methyl methacrylate and 2-acrylamido-2-methyl-1-propanesulfonic acid for direct methanol fuel cells. Electrochimica Acta, 2007, 52, 6956-6961.	5.2	41
77	Broad temperature adaptability of vanadium redox flow batteryâ€"part 4: Unraveling wide temperature promotion mechanism of bismuth for V2+/V3+ couple. Journal of Energy Chemistry, 2018, 27, 1333-1340.	12.9	41
78	Improvement of Cu/Zn-based catalysts by nickel additive in methanol decomposition. Applied Catalysis A: General, 2002, 225, 77-86.	4.3	40
79	P-doped electrode for vanadium flow battery with high-rate capability and all-climate adaptability. Journal of Energy Chemistry, 2019, 35, 55-59.	12.9	40
80	A facile approach to fabricate free-standing hydrogen evolution electrodes: riveting tungsten carbide nanocrystals to graphite felt fabrics by carbon nanosheets. Journal of Materials Chemistry A, 2016, 4, 5817-5822.	10.3	39
81	Rice Paper Reinforced Sulfonated Poly(ether ether ketone) as Low-Cost Membrane for Vanadium Flow Batteries. ACS Sustainable Chemistry and Engineering, 2017, 5, 2437-2444.	6.7	39
82	Novel composite polymer electrolyte comprising poly(ethylene oxide) and triblock copolymer/mesostructured silica hybrid used for lithium polymer battery. Electrochimica Acta, 2005, 50, 5293-5304.	5.2	37
83	PVDFâ€"PEO/ZSM-5 based composite microporous polymer electrolyte with novel pore configuration and ionic conductivity. Solid State Ionics, 2006, 177, 709-713.	2.7	37
84	Novel Organic D-Ï€-2A Sensitizer for Dye Sensitized Solar Cells and Its Electron Transfer Kinetics on TiO₂ Surface. Journal of Physical Chemistry C, 2013, 117, 2041-2052.	3.1	37
85	Simultaneously Providing Iron Source toward Electro-Fenton Process and Enhancing Hydrogen Peroxide Production via a Fe₃O₄ Nanoparticles Embedded Graphite Felt Electrode. ACS Applied Materials & Interfaces, 2019, 11, 45692-45701.	8.0	36
86	Synthesis and properties of highly branched sulfonated poly(arylene ether)s with flexible alkylsulfonated side chains as proton exchange membranes. Journal of Materials Chemistry C, 2016, 4, 1326-1335.	5.5	35
87	Rational use and reuse of Nafion 212 membrane in vanadium flow batteries. RSC Advances, 2017, 7, 19425-19433.	3.6	35
88	Enhanced lithium ion transference number and ionic conductivity of composite polymer electrolyte doped with organicâ€"inorganic hybrid P123@SBA-15. Chemical Physics Letters, 2004, 400, 68-73.	2.6	32
89	Efficiently immobilizing and converting polysulfide by a phosphorus doped carbon microtube textile interlayer for high-performance lithium-sulfur batteries. Electrochimica Acta, 2020, 345, 136186.	5.2	32
90	MoS2â€"CoS2 heteronanosheet arrays coated on porous carbon microtube textile for overall water splitting. Journal of Power Sources, 2021, 514, 230580.	7.8	32

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91	Bifunctional effects of halloysite nanotubes in vanadium flow battery membrane. Journal of Membrane Science, 2018, 564, 237-246.	8.2	31
92	The indefinite cycle life via a method of mixing and online electrolysis for vanadium redox flow batteries. Journal of Power Sources, 2019, 438, 226990.	7.8	31
93	Electrochemistry study on PEO-LiClO4-ZSM5 composite polymer electrolyte. Science Bulletin, 2004, 49, 785-789.	1.7	30
94	Bilayer Designed Hydrocarbon Membranes for All-Climate Vanadium Flow Batteries To Shield Catholyte Degradation and Mitigate Electrolyte Crossover. ACS Applied Materials & Interfaces, 2019, 11, 13285-13294.	8.0	30
95	Revealing sulfuric acid concentration impact on comprehensive performance of vanadium electrolytes and flow batteries. Electrochimica Acta, 2019, 303, 21-31.	5.2	30
96	Effect of molecular sieves ZSM-5 on the crystallization behavior of PEO-based composite polymer electrolyte. Journal of Power Sources, 2006, 158, 627-634.	7.8	29
97	Identifying the active sites and multifunctional effects in nitrogen-doped carbon microtube interlayer for confining-trapping-catalyzing polysulfides. Nano Energy, 2021, 79, 105466.	16.0	28
98	Electrocatalytic activity of Pt subnano/nanoclusters stabilized by pristine graphene nanosheets. Physical Chemistry Chemical Physics, 2014, 16, 21609-21614.	2.8	27
99	Toward Cheaper Vanadium Flow Batteries: Porous Polyethylene Reinforced Membrane with Superior Durability. ACS Applied Energy Materials, 2018, 1, 1641-1648.	5.1	27
100	Integrated Design of Interlayer/Currentâ€Collector: Heteronanowires Decorated Carbon Microtube Fabric for Highâ€Loading and Leanâ€Electrolyte Lithiumâ€"Sulfur Batteries. Small, 2021, 17, e2103001.	10.0	27
101	Novel hydrophobically modified temperature-sensitive microgels with tunable volume-phase transition temperature. Materials Letters, 2004, 58, 3400-3404.	2.6	25
102	Steam reforming of ethanol for hydrogen production over NiO/ZnO/ZrO2 catalysts. International Journal of Hydrogen Energy, 2008, 33, 1008-1008.	7.1	25
103	Phosphorus-doped carbon nitride as powerful electrocatalyst for high-power vanadium flow battery. Electrochimica Acta, 2018, 286, 22-28.	5.2	24
104	Rapid detection of the positive side reactions in vanadium flow batteries. Applied Energy, 2017, 185, 452-462.	10.1	23
105	Highly active Pt-on-Au catalysts for methanol oxidation in alkaline media involving a synergistic interaction between Pt and Au. Electrochimica Acta, 2014, 123, 309-316.	5.2	22
106	Asymmetric vanadium flow batteries: long lifespan via an anolyte overhang strategy. Physical Chemistry Chemical Physics, 2017, 19, 29195-29203.	2.8	21
107	Structureâ€"property relationship study of Nafion XL membrane for high-rate, long-lifespan, and all-climate vanadium flow batteries. RSC Advances, 2017, 7, 31164-31172.	3.6	21
108	Conductivities and transport properties of microporous molecular sieves doped composite polymer electrolyte used for lithium polymer battery. New Journal of Chemistry, 2005, 29, 1454.	2.8	20

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109	Investigations on the enhancement mechanism of inorganic filler on ionic conductivity of PEO-based composite polymer electrolyte: The case of molecular sieves. Electrochimica Acta, 2006, 51, 4765-4770.	5.2	20
110	Carbon layer-confined sphere/fiber hierarchical electrodes for efficient and durable vanadium flow batteries. Journal of Power Sources, 2018, 402, 453-459.	7.8	19
111	ZIF-derived holey electrode with enhanced mass transfer and N-rich catalytic sites for high-power and long-life vanadium flow batteries. Journal of Energy Chemistry, 2022, 72, 545-553.	12.9	19
112	Deswelling comparison of temperature-sensitive poly(N-isopropylacrylamide) microgels containing functional ï£¿OH groups with different hydrophilic long side chains. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 3575-3583.	2.1	18
113	Synthesis of highly active SnO2-CNTs supported Pt-on-Au composite catalysts through site-selective electrodeposition for HCOOH electrooxidation. Electrochimica Acta, 2013, 112, 480-485.	5.2	15
114	Real-Time Study of the Disequilibrium Transfer in Vanadium Flow Batteries at Different States of Charge via Refractive Index Detection. Journal of Physical Chemistry C, 2018, 122, 28550-28555.	3.1	15
115	One-pot synthesis of ultrafine decahedral platinum crystal decorated graphite nanosheets for the electro-oxidation of formic acid. Journal of Catalysis, 2017, 345, 70-77.	6.2	13
116	Method of Reflow and Online Electrolysis in the Vanadium Redox Battery: Benefits and Limitations. ACS Sustainable Chemistry and Engineering, 2020, 8, 10275-10283.	6.7	13
117	In-situ deposition and subsequent growth of Pd on SnO2 as catalysts for formate oxidation with excellent Pd utilization and anti-poisoning performance. International Journal of Hydrogen Energy, 2019, 44, 21518-21526.	7.1	12
118	Online Spectroscopic Study on the Positive and the Negative Electrolytes in Vanadium Redox Flow Batteries. Journal of Spectroscopy, 2013, 2013, 1-8.	1.3	11
119	Mesocarbon microbeads supported PtSn catalysts for electrochemical oxidation of ethanol. Journal of Materials Science, 2007, 42, 4508-4512.	3.7	10
120	Solubility Rules of Negative Electrolyte V₂(SO₄)₃ of Vanadium Redox Flow Battery. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2012, 27, 469-474.	1.3	10
121	Preparation of Ptâˆ•CeO[sub 2]â€"CNTs Through Spontaneous Adsorbing Pt Nanoparticles onto CNTs Aided by CeO[sub 2]. Electrochemical and Solid-State Letters, 2007, 10, B114.	2.2	9
122	Photo-induced electron transfer in a pyrenylcarbazole containing polymerâ€"multiwalled carbon nanotube composite. New Journal of Chemistry, 2013, 37, 1833.	2.8	9
123	Boosting the thermal stability of electrolytes in vanadium redox flow batteries via 1-hydroxyethane-1,1-diphosphonic acid. Journal of Applied Electrochemistry, 2020, 50, 255-264.	2.9	9
124	Highly catalytic porous MoN nanosheets anchored carbon microtubes interlayer for lithium-sulfur batteries. Materials Today Energy, 2022, 24, 100941.	4.7	9
125	Advanced cathodic free-standing interlayers for lithiumâ€"sulfur batteries: understanding, fabrication, and modification. Physical Chemistry Chemical Physics, 2022, 24, 17383-17396.	2.8	9
126	Polysilaethers bearing Siâ€"H and its functionalization via hydrosilylation with acrylic acid. Polymer, 2005, 46, 9162-9169.	3.8	8

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127	Transient Absorption of N719 and its Electron Transfer Kinetics on ZnO Nanoparticles Surface. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 169-175.	3.7	7
128	An Optimized Angular Total Internal Reflection Sensor With High Resolution in Vanadium Flow Batteries. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3170-3178.	4.7	7
129	Electrospun polyacrylonitrile nanofiber mat protected membranes for vanadium flow batteries. RSC Advances, 2017, 7, 54644-54650.	3.6	3
130	In situ detection of electrochemical reaction by weak measurement. Optics Express, 2021, 29, 19292.	3.4	3
131	Efficient and Durable Cu₃P-FeP for Hydrogen Evolution from Seawater with Current Density Exceeding 1 A cm^{â€“2}. ACS Applied Energy Materials, 2022, 5, 2909-2917.	5.1	3
132	Microporous polymer electrolyte based on PVDF-PEO. Science Bulletin, 2005, 50, 368-370.	1.7	2
133	Synthesis, characterization, and properties of polysilaethers containing moiety Sï£¿H bonds in the side chain. Journal of Polymer Science Part A, 2005, 43, 2476-2482.	2.3	2
134	Electrochemistry study on PEO-LiClO4-ZSM5 composite polymer electrolyte. Science Bulletin, 2004, 49, 785.	1.7	1
135	Effect of organic-inorganic hybrid P123-em-SBA15 on lithium transport properties of composite polymer electrolyte. Science Bulletin, 2004, 49, 2129-2133.	1.7	1
136	Microporous polymer electro-lyte based on PVDF-PEO. Science Bulletin, 2005, 50, 368.	1.7	1
137	Synthesis, characterization and properties of diamidodisilanes and azocyclosilane. Science Bulletin, 2005, 50, 1576.	1.7	1
138	Effect of organic-inorganic hybrid P123-em-SBA15 on lithium transport properties of composite polymer electrolyte. Science Bulletin, 2004, 49, 2129.	1.7	0
139	PEO-LiClO4-ZSM5 composite polymer electrolyte (IV): Polarized optical microscopy study. Science in China Series B: Chemistry, 2005, 48, 574.	0.8	0