Yongbing Tang

List of Publications by Year in descending order

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135 papers	12,099 citations	22099 59 h-index	28224 105 g-index
137 all docs	137 docs citations	137 times ranked	6987 citing authors

#	Article	IF	Citations
1	A Novel Aluminumâ€“Graphite Dualâ€Ion Battery. Advanced Energy Materials, 2016, 6, 1502588.	10.2	1,079
2	Reversible calcium alloying enables a practical room-temperature rechargeable calcium-ion battery with a high discharge voltage. Nature Chemistry, 2018, 10, 667-672.	6.6	971
3	A Novel Potassiumâ€Ionâ€Based Dualâ€Ion Battery. Advanced Materials, 2017, 29, 1700519.	11.1	508
4	A novel zinc-ion hybrid supercapacitor for long-life and low-cost energy storage applications. Energy Storage Materials, 2018, 13, 1-7.	9.5	421
5	Carbonâ€Coated Porous Aluminum Foil Anode for Highâ€Rate, Longâ€Term Cycling Stability, and High Energy Density Dualâ€Ion Batteries. Advanced Materials, 2016, 28, 9979-9985.	11.1	404
6	A Review on the Features and Progress of Dualâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1703320.	10.2	281
7	A Flexible Dualâ€Ion Battery Based on PVDFâ€HFPâ€Modified Gel Polymer Electrolyte with Excellent Cycling Performance and Superior Rate Capability. Advanced Energy Materials, 2018, 8, 1801219.	10.2	243
8	A Dualâ€Carbon Battery Based on Potassiumâ€Ion Electrolyte. Advanced Energy Materials, 2017, 7, 1700920.	10.2	242
9	Strategies towards Lowâ€Cost Dualâ€Ion Batteries with High Performance. Angewandte Chemie - International Edition, 2020, 59, 3802-3832.	7.2	242
10	A Novel Tinâ€Graphite Dualâ€Ion Battery Based on Sodiumâ€Ion Electrolyte with High Energy Density. Advanced Energy Materials, 2017, 7, 1601963.	10.2	223
11	Ultrahigh Nitrogen Doping of Carbon Nanosheets for High Capacity and Long Cycling Potassium Ion Storage. Advanced Energy Materials, 2019, 9, 1902672.	10.2	219
12	Rechargeable batteries based on anion intercalation graphite cathodes. Energy Storage Materials, 2019, 16, 65-84.	9.5	183
13	A fluoroxalate cathode material for potassium-ion batteries with ultra-long cyclability. Nature Communications, 2020, 11, 1225.	5.8	173
14	Lowâ€Cost Metallic Anode Materials for High Performance Rechargeable Batteries. Advanced Energy Materials, 2017, 7, 1700536.	10.2	171
15	The 2021 battery technology roadmap. Journal Physics D: Applied Physics, 2021, 54, 183001.	1.3	158
16	Fast Rate and Long Life Potassiumâ€Ion Based Dualâ€Ion Battery through 3D Porous Organic Negative Electrode. Advanced Functional Materials, 2020, 30, 2001440.	7.8	155
17	2020 Roadmap on Carbon Materials for Energy Storage and Conversion. Chemistry - an Asian Journal, 2020, 15, 995-1013.	1.7	154
18	Grapheneâ€Nanowallâ€Decorated Carbon Felt with Excellent Electrochemical Activity Toward VO₂⁺/VO²⁺ Couple for All Vanadium Redox Flow Battery. Advanced Science, 2016, 3, 1500276.	5.6	152

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19	A mechanically robust self-healing binder for silicon anode in lithium ion batteries. Nano Energy, 2021, 81, 105654.	8.2	141
20	Heterostructure Manipulation via in Situ Localized Phase Transformation for High-Rate and Highly Durable Lithium Ion Storage. ACS Nano, 2018, 12, 10430-10438.	7.3	138
21	Bubbleâ€Sheetâ€Like Interface Design with an Ultrastable Solid Electrolyte Layer for Highâ€Performance Dualâ€Ion Batteries. Advanced Materials, 2017, 29, 1606805.	11.1	134
22	Molecular grafting towards high-fraction active nanodots implanted in N-doped carbon for sodium dual-ion batteries. National Science Review, 2021, 8, nwaa178.	4.6	132
23	A Review of Emerging Dualâ€Ion Batteries: Fundamentals and Recent Advances. Advanced Functional Materials, 2021, 31, 2010958.	7.8	132
24	A Novel and Generalized Lithiumâ€Ionâ€Battery Configuration utilizing Al Foil as Both Anode and Current Collector for Enhanced Energy Density. Advanced Materials, 2017, 29, 1604219.	11.1	128
25	Flexible Interface Design for Stress Regulation of a Silicon Anode toward Highly Stable Dualâ€Ion Batteries. Advanced Materials, 2020, 32, e1908470.	11.1	126
26	Multi-ion strategies towards emerging rechargeable batteries with high performance. Energy Storage Materials, 2019, 23, 566-586.	9.5	119
27	A Multiâ€Ion Strategy towards Rechargeable Sodiumâ€Ion Full Batteries with High Working Voltage and Rate Capability. Angewandte Chemie - International Edition, 2018, 57, 16370-16374.	7.2	114
28	Highly stable magnesium-ion-based dual-ion batteries based on insoluble small-molecule organic anode material. Energy Storage Materials, 2020, 30, 34-41.	9.5	113
29	Hierarchical T-Nb₂O₅ nanostructure with hybrid mechanisms of intercalation and pseudocapacitance for potassium storage and high-performance potassium dual-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17889-17895.	5.2	112
30	Energy Storage Mechanism, Challenge and Design Strategies of Metal Sulfides for Rechargeable Sodium/Potassiumâ€Ion Batteries. Advanced Functional Materials, 2021, 31, 2103912.	7.8	108
31	Penneâ€Like MoS₂/Carbon Nanocomposite as Anode for Sodiumâ€Ionâ€Based Dualâ€Ion Battery. Small, 2018, 14, e1703951.	5.2	106
32	In Situ Twoâ€Step Activation Strategy Boosting Hierarchical Porous Carbon Cathode for an Aqueous Znâ€Based Hybrid Energy Storage Device with High Capacity and Ultraâ€Long Cycling Life. Small, 2020, 16, e2003174.	5.2	105
33	A Calciumâ€Ion Hybrid Energy Storage Device with High Capacity and Long Cycling Life under Room Temperature. Advanced Energy Materials, 2019, 9, 1803865.	10.2	104
34	A Flexible Dualâ€Ion Battery Based on Sodiumâ€Ion Quasiâ€Solidâ€State Electrolyte with Long Cycling Life. Advanced Functional Materials, 2020, 30, 1906770.	7.8	104
35	Recent Advances and Perspectives on Calciumâ€Ion Storage: Key Materials and Devices. Advanced Materials, 2021, 33, e2005501.	11.1	101
36	Locally Ordered Graphitized Carbon Cathodes for Highâ€Capacity Dualâ€Ion Batteries. Angewandte Chemie - International Edition, 2021, 60, 6326-6332.	7.2	101

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37	Highly Concentrated Electrolyte towards Enhanced Energy Density and Cycling Life of Dualâ€Ion Battery. Angewandte Chemie - International Edition, 2020, 59, 17924-17930.	7.2	99
38	Recent Advances and Perspectives on the Polymer Electrolytes for Sodium/Potassiumâ€Ion Batteries. Small, 2021, 17, e2006627.	5.2	99
39	A Novel Calciumâ€Ion Battery Based on Dualâ€Carbon Configuration with High Working Voltage and Long Cycling Life. Advanced Science, 2018, 5, 1701082.	5.6	97
40	Robust Biomimetic Hierarchical Diamond Architecture with a Self-Cleaning, Antibacterial, and Antibiofouling Surface. ACS Applied Materials & Interfaces, 2020, 12, 24432-24441.	4.0	95
41	Novel Lamellar Tetrapotassium Pyromellitic Organic for Robust Highâ€Capacity Potassium Storage. Angewandte Chemie - International Edition, 2021, 60, 11835-11840.	7.2	95
42	A Dualâ€Ion Battery Constructed with Aluminum Foil Anode and Mesocarbon Microbead Cathode via an Alloying/Intercalation Process in an Ionic Liquid Electrolyte. Advanced Materials Interfaces, 2016, 3, 1600605.	1.9	93
43	Emerging trends in anion storage materials for the capacitive and hybrid energy storage and beyond. Chemical Society Reviews, 2021, 50, 6734-6789.	18.7	93
44	Integrated Configuration Design for Ultrafast Rechargeable Dualâ€Ion Battery. Advanced Energy Materials, 2017, 7, 1700913.	10.2	92
45	6.0 V Highâ€Voltage and Concentrated Electrolyte toward High Energy Density Kâ€Based Dualâ€Graphite Battery. Advanced Energy Materials, 2020, 10, 2002567.	10.2	89
46	An array of Eiffel-tower-shape AlN nanotips and its field emission properties. Applied Physics Letters, 2005, 86, 233104.	1.5	87
47	Coreâ€“Shell Aluminum@Carbon Nanospheres for Dualâ€Ion Batteries with Excellent Cycling Performance under High Rates. Advanced Energy Materials, 2018, 8, 1701967.	10.2	87
48	Mainstream Optimization Strategies for Cathode Materials of Sodiumâ€Ion Batteries. Small Structures, 2022, 3, .	6.9	84
49	Highâ€Performance Cathode Based on Selfâ€Templated 3D Porous Microcrystalline Carbon with Improved Anion Adsorption and Intercalation. Advanced Functional Materials, 2019, 29, 1806722.	7.8	83
50	In Situ Chemical Lithiation Transforms Diamondâ€Like Carbon into an Ultrastrong Ion Conductor for Dendriteâ€Free Lithiumâ€Metal Anodes. Advanced Materials, 2021, 33, e2100793.	11.1	82
51	Mixed Polyanionic Compounds as Positive Electrodes for Lowâ€Cost Electrochemical Energy Storage. Angewandte Chemie - International Edition, 2020, 59, 9255-9262.	7.2	77
52	Uniform Distribution of Alloying/Dealloying Stress for High Structural Stability of an Al Anode in Highâ€Arealâ€Density Lithiumâ€Ion Batteries. Advanced Materials, 2019, 31, e1900826.	11.1	75
53	A Lowâ€Cost and Environmentally Friendly Mixed Polyanionic Cathode for Sodiumâ€Ion Storage. Angewandte Chemie - International Edition, 2020, 59, 740-745.	7.2	75
54	Advances and Prospects of Dualâ€Ion Batteries. Advanced Energy Materials, 2021, 11, 2102498.	10.2	73

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55	Recent progress and perspective on electrolytes for sodium/potassium-based devices. Energy Storage Materials, 2020, 31, 328-343.	9.5	68
56	Carbon-coated MoS1.5Te0.5 nanocables for efficient sodium-ion storage in non-aqueous dual-ion batteries. Nature Communications, 2022, 13, 663.	5.8	66
57	An oxalate cathode for lithium ion batteries with combined cationic and polyanionic redox. Nature Communications, 2019, 10, 3483.	5.8	65
58	Recent Advances on Sodiumâ€Ion Batteries and Sodium Dualâ€Ion Batteries: Stateâ€ofâ€theâ€Art Na⁺ Host Anode Materials. Small Science, 2021, 1, 2100014.	5.8	65
59	Solvothermal synthesis of Na2Ti3O7 nanowires embedded in 3D graphene networks as an anode for high-performance sodium-ion batteries. Electrochimica Acta, 2016, 211, 430-436.	2.6	63
60	Ultrathin Diamond Nanofilmsâ€"Development, Challenges, and Applications. Small, 2021, 17, e2007529.	5.2	61
61	Alloyâ€Type Anodes for Highâ€Performance Rechargeable Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	61
62	In-situ assembly of three-dimensional MoS2 nanoleaves/carbon nanofiber composites derived from bacterial cellulose as flexible and binder-free anodes for enhanced lithium-ion batteries. Electrochimica Acta, 2016, 211, 404-410.	2.6	60
63	A Flexible Potassium-Ion Hybrid Capacitor with Superior Rate Performance and Long Cycling Life. ACS Applied Materials & Interfaces, 2020, 12, 2424-2431.	4.0	59
64	Multifunctional Electrode Design Consisting of 3D Porous Separator Modulated with Patterned Anode for Highâ€Performance Dualâ€Ion Batteries. Advanced Functional Materials, 2017, 27, 1703035.	7.8	56
65	Rational Design Strategy of Novel Energy Storage Systems: Toward Highâ€Performance Rechargeable Magnesium Batteries. Small, 2022, 18, e2200418.	5.2	56
66	Nanostructured and Boron-Doped Diamond as an Electrocatalyst for Nitrogen Fixation. ACS Energy Letters, 2020, 5, 2590-2596.	8.8	55
67	Kâ€Ion Battery Cathode Design Utilizing Trigonal Prismatic Ligand Field. Advanced Materials, 2021, 33, e2101788.	11.1	55
68	A Caâ€Ion Electrochromic Battery via a Waterâ€inâ€Salt Electrolyte. Advanced Functional Materials, 2021, 31, 2104639.	7.8	53
69	Potassium Dual-Ion Hybrid Batteries with Ultrahigh Rate Performance and Excellent Cycling Stability. ACS Applied Materials & Interfaces, 2018, 10, 42294-42300.	4.0	52
70	Hollow Carbon Nanobelts Codoped with Nitrogen and Sulfur via a Selfâ€Templated Method for a Highâ€Performance Sodiumâ€Ion Capacitor. Small, 2019, 15, e1902659.	5.2	50
71	Simultaneously pre-alloying and artificial solid electrolyte interface towards highly stable aluminum anode for high-performance Li hybrid capacitor. Energy Storage Materials, 2020, 28, 357-363.	9.5	50
72	High-performance rechargeable zinc-based dual-ion batteries. Sustainable Energy and Fuels, 2020, 4, 101-107.	2.5	49

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73	Designing Ceramic/Polymer Composite as Highly Ionic Conductive Solidâ€State Electrolytes. Batteries and Supercaps, 2021, 4, 39-59.	2.4	49
74	An aqueous aluminum-ion electrochromic full battery with water-in-salt electrolyte for high-energy density. Energy Storage Materials, 2022, 44, 497-507.	9.5	48
75	Sodiumâ€Ion Hybrid Battery Combining an Anionâ€Intercalation Cathode with an Adsorptionâ€Type Anode for Enhanced Rate and Cycling Performance. Batteries and Supercaps, 2019, 2, 440-447.	2.4	46
76	High-performance Zn-graphite battery based on LiPF6 single-salt electrolyte with high working voltage and long cycling life. Journal of Energy Chemistry, 2021, 58, 602-609.	7.1	44
77	High Oxidation Potential â‰ˆ6.0ÂV of Concentrated Electrolyte toward Highâ€Performance Dualâ€Ion Battery. Advanced Energy Materials, 2021, 11, 2100151.	10.2	44
78	Ultrasmall antimony nanodots embedded in carbon nanowires with three-dimensional porous structure for high-performance potassium dual-ion batteries. Chemical Engineering Journal, 2022, 431, 133444.	6.6	43
79	Roomâ€Temperature Rechargeable Caâ€Ion Based Hybrid Batteries with High Rate Capability and Longâ€Term Cycling Life. Advanced Energy Materials, 2019, 9, 1901099.	10.2	41
80	Strategien fÃ¼r kostengÃ¼nstige und leistungsstarke Dualâ€Ionenâ€Batterien. Angewandte Chemie, 2020, 132, 3830-3861.	1.6	40
81	Metalloidâ€Cluster Ligands Enabling Stable and Active FeN₄â€Te_n Motifs for the Oxygen Reduction Reaction. Advanced Materials, 2022, 34, e2202714.	11.1	40
82	Concentrated Electrolyte for Highâ€Performance Caâ€Ion Battery Based on Organic Anode and Graphite Cathode. Angewandte Chemie - International Edition, 2022, 61, .	7.2	39
83	Atomic layer deposition triggered Fe-In-S cluster and gradient energy band in ZnInS photoanode for improved oxygen evolution reaction. Nature Communications, 2021, 12, 5247.	5.8	36
84	Pseudocapacitive Ti-Doped Niobium Pentoxide Nanoflake Structure Design for a Fast Kinetics Anode toward a High-Performance Mg-Ion-Based Dual-Ion Battery. ACS Applied Materials & Interfaces, 2020, 12, 47539-47547.	4.0	35
85	An iron-based polyanionic cathode for potassium storage with high capacity and excellent cycling stability. Journal of Materials Chemistry A, 2020, 8, 9128-9136.	5.2	33
86	Hierarchical Micro/Nanostructured Diamond Gradient Surface for Controlled Water Transport and Fog Collection. Advanced Materials Interfaces, 2021, 8, 2100196.	1.9	33
87	A fast and stable sodium-based dual-ion battery achieved by Cu3P@P-doped carbon matrix anode. Journal of Power Sources, 2022, 518, 230741.	4.0	33
88	The Free-Standing Alloy Strategy to Improve the Electrochemical Performance of Potassium-Based Dual-Ion Batteries. ACS Energy Letters, 2021, 6, 4336-4344.	8.8	33
89	Artificial Solid Electrolyte Interphase Acting as â€œArmorâ€•to Protect the Anode Materials for High-performance Lithium-ion Battery. Chemical Research in Chinese Universities, 2020, 36, 402-409.	1.3	32
90	UV-to-IR highly transparent ultrathin diamond nanofilms with intriguing performances: Anti-fogging, self-cleaning and self-lubricating. Applied Surface Science, 2020, 527, 146733.	3.1	32

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91	Enhancing the colloidal stability of detonation synthesized diamond particles in aqueous solutions by adsorbing organic mono-, bi- and tridentate molecules. Journal of Colloid and Interface Science, 2017, 499, 102-109.	5.0	29
92	Development and challenges of electrode materials for rechargeable Mg batteries. Energy Storage Materials, 2021, 42, 687-704.	9.5	29
93	Interface engineering toward<scp>highâ€efficiency</scp>alloy anode for nextâ€generation energy storage device. EcoMat, 2021, 3, .	6.8	29
94	A Multiâ€Ion Strategy towards Rechargeable Sodiumâ€Ion Full Batteries with High Working Voltage and Rate Capability. Angewandte Chemie, 2018, 130, 16608-16612.	1.6	28
95	Corrosion-Resistant Functional Diamond Coatings for Reliable Interfacing of Liquid Metals with Solid Metals. ACS Applied Materials & Interfaces, 2020, 12, 40891-40900.	4.0	28
96	Uniform Ultrasmall Manganese Monoxide Nanoparticle/Carbon Nanocomposite as a High-Performance Anode for Lithium Storage. Electrochimica Acta, 2016, 196, 634-641.	2.6	26
97	Locally Ordered Graphitized Carbon Cathodes for Highâ€Capacity Dualâ€Ion Batteries. Angewandte Chemie, 2021, 133, 6396-6402.	1.6	26
98	Enhanced nucleation of diamond on three dimensional tools via stabilized colloidal nanodiamond in electrostatic self-assembly seeding process. Journal of Colloid and Interface Science, 2017, 506, 543-552.	5.0	25
99	A Lowâ€Cost and Environmentally Friendly Mixed Polyanionic Cathode for Sodiumâ€Ion Storage. Angewandte Chemie, 2020, 132, 750-755.	1.6	25
100	Molecular Coupling and Selfâ€Assembly Strategy toward WSe₂/Carbon Microâ€“Nano Hierarchical Structure for Elevated Sodiumâ€Ion Storage. Small Methods, 2021, 5, e2100374.	4.6	24
101	Highly Concentrated and Nonflammable Electrolyte for High Energy Density K-Based Dual-Ion Battery. ACS Applied Energy Materials, 2020, 3, 10202-10208.	2.5	23
102	In-situ implanted carbon nanofilms into lithium titanate with 3D porous structure as fast kinetics anode for high-performance dual-ion battery. Chemical Engineering Journal, 2020, 401, 125834.	6.6	23
103	Electrostatic self-assembly seeding strategy to improve machining performance of nanocrystalline diamond coated cutting tools. Surface and Coatings Technology, 2019, 357, 870-878.	2.2	22
104	Amorphous Carbon Nano-Interface-Modified Aluminum Anodes for High-Performance Dual-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 3710-3717.	3.2	22
105	High-Performance Potassium-Ion-Based Full Battery Enabled by an Ionic-Drill Strategy. CCS Chemistry, 2021, 3, 85-94.	4.6	22
106	A Vanadiumâ€Based Fluoroxide Cathode Material for Lithiumâ€Ion Storage with High Energy Density. Advanced Sustainable Systems, 2022, 6, .	2.7	22
107	TiB2 barrier interlayer approach for HFCVD diamond deposition onto cemented carbide tools. Diamond and Related Materials, 2018, 83, 126-133.	1.8	21
108	A novel low-cost and environment-friendly cathode with large channels and high structure stability for potassium-ion storage. Science China Materials, 2021, 64, 1047-1057.	3.5	21

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109	Adherent and low friction nanocrystalline diamond films via adsorbing organic molecules in self-assembly seeding process. Applied Surface Science, 2018, 456, 75-82.	3.1	18
110	Hierarchically nanostructured ZnCo2O4 particles in 3D graphene networks for high-rate and long-life lithium ion batteries. Materials Today Energy, 2019, 12, 46-52.	2.5	18
111	Controlling Directional Liquid Motion on Micro- and Nanocrystalline Diamond/Î²-SiC Composite Gradient Films. Langmuir, 2018, 34, 1419-1428.	1.6	16
112	Riceâ€like Sulfur/Polyaniline Nanorods Wrapped with Reduced Graphene Oxide Nanosheets as Highâ€Performance Cathode for Lithiumâ€“Sulfur Batteries. ChemElectroChem, 2016, 3, 999-1005.	1.7	15
113	Interface design to tune stress distribution for high performance diamond/silicon carbide coated cemented carbide tools. Surface and Coatings Technology, 2020, 397, 125975.	2.2	14
114	Colorful Diamondâ€Like Carbon Films from Different Micro/Nanostructures. Advanced Optical Materials, 2020, 8, 1902064.	3.6	14
115	Extended iodine chemistry: Toward high-energy-density aqueous zinc-ion batteries. Matter, 2021, 4, 2637-2639.	5.0	14
116	Novel metastable Bi:Co and Bi:Fe alloys nanodots@carbon as anodes for high rate K-ion batteries. Nano Research, 2022, 15, 7220-7226.	5.8	14
117	Biomassâ€Derived Poly(Furfuryl Alcohol)â€“Protected Aluminum Anode for Lithiumâ€Ion Batteries. Energy Technology, 2019, 7, 1800995.	1.8	13
118	Facile Ion-Exchange Strategy for Na⁺/K⁺ Hybrid-Ion Batteries with Superior Rate Capability and Cycling Performance. ACS Applied Energy Materials, 2020, 3, 7030-7038.	2.5	13
119	Hybridizing anions towards fast diffusion kinetics for tri-ion batteries with significantly improved rate capability and cycling life. Journal of Materials Chemistry A, 2019, 7, 10930-10935.	5.2	12
120	A Highâ€Performance Dualâ€Ion Battery Enabled by Conversionâ€Type Manganese Silicate Anodes with Enhanced Ion Accessibility. ChemElectroChem, 2019, 6, 1040-1046.	1.7	10
121	Synthesis, Structure, and Electrochemical Properties of Some Cobalt Oxalates. Inorganic Chemistry, 2020, 59, 16936-16943.	1.9	10
122	Gemischte polyanionische Verbindungen als positive Elektroden fÃ¼r die kostengÃ¼nstige elektrochemische Energiespeicherung. Angewandte Chemie, 2020, 132, 9342-9349.	1.6	10
123	Coral-like and binder-free carbon nanowires for potassium dual-ion batteries with superior rate capability and long-term cycling life. Green Energy and Environment, 2023, 8, 548-558.	4.7	10
124	Homogeneous alloying reaction via self-assembly strategy for high-areal-density dual-ion batteries. Chemical Engineering Journal, 2022, 449, 137708.	6.6	8
125	Tilting and twisting in a novel perovzalate, K3NaMn(C2O4)3. Chemical Communications, 2021, 57, 2567-2570.	2.2	7
126	Highly Concentrated Electrolyte towards Enhanced Energy Density and Cycling Life of Dualâ€Ion Battery. Angewandte Chemie, 2020, 132, 18080-18086.	1.6	6

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127	Novel Lamellar Tetrapotassium Pyromellitic Organic for Robust Highâ€Capacity Potassium Storage. Angewandte Chemie, 2021, 133, 11941-11946.	1.6	6
128	Concentrated Electrolyte for Highâ€performance Caâ€ion Battery based on Organic Anode and Graphite Cathode. Angewandte Chemie, 0, , .	1.6	4
129	Mechanisms of sodiation in anatase TiO₂ in terms of equilibrium thermodynamics and kinetics. Nanoscale Advances, 2021, 3, 4702-4713.	2.2	2
130	Alloyâ€Type Anodes for Highâ€Performance Rechargeable Batteries. Angewandte Chemie, 2022, 134, .	1.6	2
131	InnenrÃ¼cktitelbild: A Multi-Ion Strategy towards Rechargeable Sodium-Ion Full Batteries with High Working Voltage and Rate Capability (Angew. Chem. 50/2018). Angewandte Chemie, 2018, 130, 16807-16807.	1.6	0
132	Calcium Batteries: Roomâ€Temperature Rechargeable Caâ€ion Based Hybrid Batteries with High Rate Capability and Longâ€Term Cycling Life (Adv. Energy Mater. 29/2019). Advanced Energy Materials, 2019, 9, 1970113.	10.2	0
133	Dualâ€ion Batteries: High Oxidation Potential â‰ˆ6.0ÂV of Concentrated Electrolyte toward Highâ€Performance Dualâ€ion Battery (Adv. Energy Mater. 25/2021). Advanced Energy Materials, 2021, 11, 2170096.	10.2	0
134	Perovskite-derived structure modulation in the iron sulfate family. Chemical Communications, 2022, 58, 7074-7077.	2.2	0
135	Unusual Size Effect in Ion and Charge Transport in Micronâ€sized Particulate Aluminum Anodes of Lithiumâ€ion Batteries. Angewandte Chemie, 0, , .	1.6	0