

Haoyu Fu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1378428/haoyu-fu-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

12,002
citations

60
h-index

108
g-index

125
ext. papers

13,555
ext. citations

12.4
avg, IF

6.93
L-index

#	Paper	IF	Citations
125	Nanomaterials for energy conversion and storage. <i>Chemical Society Reviews</i> , 2013 , 42, 3127-71	58.5	1188
124	Nanostructured carbon for energy storage and conversion. <i>Nano Energy</i> , 2012 , 1, 195-220	17.1	797
123	Nanostructures and Nanomaterials 2004 ,		656
122	Understanding electrochemical potentials of cathode materials in rechargeable batteries. <i>Materials Today</i> , 2016 , 19, 109-123	21.8	573
121	Hydrogenated Li(4)Ti(5)O(12) nanowire arrays for high rate lithium ion batteries. <i>Advanced Materials</i> , 2012 , 24, 6502-6	24	411
120	Synthesis and Enhanced Intercalation Properties of Nanostructured Vanadium Oxides. <i>Chemistry of Materials</i> , 2006 , 18, 2787-2804	9.6	400
119	MoSe ₂ nanosheets perpendicularly grown on graphene with Mo π bonding for sodium-ion capacitors. <i>Nano Energy</i> , 2018 , 47, 224-234	17.1	270
118	Highly Efficient and Stable Perovskite Solar Cells Based on Monolithically Grained CH ₃ NH ₃ PbI ₃ Film. <i>Advanced Energy Materials</i> , 2017 , 7, 1602017	21.8	247
117	ZnO cathode buffer layers for inverted polymer solar cells. <i>Energy and Environmental Science</i> , 2015 , 8, 3442-3476	35.4	222
116	Novel Carbon-Encapsulated Porous SnO ₂ Anode for Lithium-Ion Batteries with Much Improved Cyclic Stability. <i>Small</i> , 2016 , 12, 1945-55	11	207
115	Beyond Li-ion: electrode materials for sodium- and magnesium-ion batteries. <i>Science China Materials</i> , 2015 , 58, 715-766	7.1	203
114	From scalable solution fabrication of perovskite films towards commercialization of solar cells. <i>Energy and Environmental Science</i> , 2019 , 12, 518-549	35.4	192
113	Facile synthesis of ultrathin NiCo ₂ S ₄ nano-petals inspired by blooming buds for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7144-7152	13	189
112	Co ₃ S ₄ @polyaniline nanotubes as high-performance anode materials for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5505-5516	13	164
111	Enhanced Performance of CdS/CdSe Quantum Dot Cosensitized Solar Cells via Homogeneous Distribution of Quantum Dots in TiO ₂ Film. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18655-18662	3.8	158
110	Revitalized interest in vanadium pentoxide as cathode material for lithium-ion batteries and beyond. <i>Energy Storage Materials</i> , 2018 , 11, 205-259	19.4	157
109	Mesocrystal MnO cubes as anode for Li-ion capacitors. <i>Nano Energy</i> , 2016 , 22, 290-300	17.1	155

108	Fast and Reversible Li Ion Insertion in Carbon-Encapsulated Li ₃ VO ₄ as Anode for Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2015 , 25, 3497-3504	15.6	148
107	Walnut-like Porous Core/Shell TiO with Hybridized Phases Enabling Fast and Stable Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10652-10663	9.5	145
106	Exploiting High-Performance Anode through Tuning the Character of Chemical Bonds for Li-Ion Batteries and Capacitors. <i>Advanced Energy Materials</i> , 2017 , 7, 1601127	21.8	133
105	Flexible and Wearable All-Solid-State Supercapacitors with Ultrahigh Energy Density Based on a Carbon Fiber Fabric Electrode. <i>Advanced Energy Materials</i> , 2017 , 7, 1700409	21.8	131
104	Sn-Doped V ₂ O ₅ Film with Enhanced Lithium-Ion Storage Performance. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23507-23514	3.8	129
103	Lamellar MoSe nanosheets embedded with MoO nanoparticles: novel hybrid nanostructures promoted excellent performances for lithium ion batteries. <i>Nanoscale</i> , 2016 , 8, 17902-17910	7.7	129
102	A low crystallinity oxygen-vacancy-rich Co ₃ O ₄ cathode for high-performance flexible asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 16094-16100	13	122
101	Encapsulation of CoS Nanocrystals into N/S Co-Doped Honeycomb-Like 3D Porous Carbon for High-Performance Lithium Storage. <i>Advanced Science</i> , 2018 , 5, 1800829	13.6	121
100	Template-free synthesis of ultra-large V ₂ O ₅ nanosheets with exceptional small thickness for high-performance lithium-ion batteries. <i>Nano Energy</i> , 2015 , 13, 58-66	17.1	119
99	A highly efficient (>6%) Cd _{1-x} MnxSe quantum dot sensitized solar cell. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19653-19659	13	117
98	ZnO/TiO ₂ nanocable structured photoelectrodes for CdS/CdSe quantum dot co-sensitized solar cells. <i>Nanoscale</i> , 2013 , 5, 936-43	7.7	115
97	Design of coherent anode materials with 0D Ni ₃ S ₂ nanoparticles self-assembled on 3D interconnected carbon networks for fast and reversible sodium storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7394-7402	13	112
96	rGO/SnS ₂ /TiO ₂ heterostructured composite with dual-confinement for enhanced lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 25056-25063	13	112
95	Monolithic MAPbI ₃ films for high-efficiency solar cells via coordination and a heat assisted process. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21313-21319	13	109
94	Doubling the power conversion efficiency in CdS/CdSe quantum dot sensitized solar cells with a ZnSe passivation layer. <i>Nano Energy</i> , 2016 , 26, 114-122	17.1	102
93	A promising cathode for Li-ion batteries: Li ₃ V ₂ (PO ₄) ₃ . <i>Energy Storage Materials</i> , 2016 , 4, 15-58	19.4	99
92	Phosphorized SnO ₂ /graphene heterostructures for highly reversible lithium-ion storage with enhanced pseudocapacitance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3479-3487	13	96
91	Mesoporous TiO ₂ beads for high efficiency CdS/CdSe quantum dot co-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2517	13	96

90	Control of Nanostructures and Interfaces of Metal Oxide Semiconductors for Quantum-Dots-Sensitized Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 1859-69	6.4	95
89	Reversible and fast Na-ion storage in MoO ₂ /MoSe ₂ heterostructures for high energy-high power Na-ion capacitors. <i>Energy Storage Materials</i> , 2018 , 12, 241-251	19.4	94
88	Facile synthesis of nanorod-assembled multi-shelled Co ₃ O ₄ hollow microspheres for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2014 , 272, 107-112	8.9	94
87	Chemical Synthesis of 3D Graphene-Like Cages for Sodium-Ion Batteries Applications. <i>Advanced Energy Materials</i> , 2017 , 7, 1700797	21.8	91
86	Enhanced Lithium-Ion Intercalation Properties of V ₂ O ₅ Xerogel Electrodes with Surface Defects. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4959-4965	3.8	86
85	Rational design of multi-shelled CoO/Co ₉ S ₈ hollow microspheres for high-performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 18448-18456	13	78
84	Self-templated synthesis of N-doped CoSe ₂ /C double-shelled dodecahedra for high-performance supercapacitors. <i>Energy Storage Materials</i> , 2017 , 8, 28-34	19.4	77
83	Sulfur-deficient MoS ₂ grown inside hollow mesoporous carbon as a functional polysulfide mediator. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 12068-12074	13	77
82	Heterogeneous NiS/NiO multi-shelled hollow microspheres with enhanced electrochemical performances for hybrid-type asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9153-9160	13	76
81	Energy storage through intercalation reactions: electrodes for rechargeable batteries. <i>National Science Review</i> , 2017 , 4, 26-53	10.8	74
80	Oxygen-deficient titanium dioxide as a functional host for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10346-10353	13	74
79	Colloidal engineering for monolayer CH ₃ NH ₃ PbI ₃ films toward high performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24168-24177	13	71
78	High Efficiency CdS/CdSe Quantum Dot Sensitized Solar Cells with Two ZnSe Layers. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 34482-34489	9.5	71
77	Three dimensional architecture of carbon wrapped multilayer Na ₃ V ₂ O ₂ (PO ₄) ₂ F nanocubes embedded in graphene for improved sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17563-17568	13	70
76	Uniform 8LiFePO ₄ [Li ₃ V ₂ (PO ₄) ₃]/C nanoflakes for high-performance Li-ion batteries. <i>Nano Energy</i> , 2016 , 22, 48-58	17.1	69
75	Constructing water-resistant CH ₃ NH ₃ PbI ₃ perovskite films via coordination interaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 17018-17024	13	69
74	Constructing ZnO nanorod array photoelectrodes for highly efficient quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 6770	13	67
73	Enhanced storage of sodium ions in Prussian blue cathode material through nickel doping. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9604-9610	13	66

72	Mechanism of cycling degradation and strategy to stabilize a nickel-rich cathode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 16149-16163	13	66
71	Freestanding flexible graphene foams@polypyrrole@MnO ₂ electrodes for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9196-9203	13	65
70	High performance of Mn-doped CdSe quantum dot sensitized solar cells based on the vertical ZnO nanorod arrays. <i>Journal of Power Sources</i> , 2016 , 325, 438-445	8.9	64
69	Enhanced Performance of PbS-quantum-dot-sensitized Solar Cells via Optimizing Precursor Solution and Electrolytes. <i>Scientific Reports</i> , 2016 , 6, 23094	4.9	63
68	Efficiency Enhancement of Quantum Dot Sensitized TiO ₂ /ZnO Nanorod Arrays Solar Cells by Plasmonic Ag Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26675-26682	9.5	62
67	Superior Pseudocapacitive Lithium-Ion Storage in Porous Vanadium Oxides@C Heterostructure Composite. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43665-43673	9.5	61
66	Impacts of surface or interface chemistry of ZnSe passivation layer on the performance of CdS/CdSe quantum dot sensitized solar cells. <i>Nano Energy</i> , 2017 , 32, 433-440	17.1	60
65	A comparison of ZnS and ZnSe passivation layers on CdS/CdSe co-sensitized quantum dot solar cells. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14773-14780	13	56
64	Tubular MoO ₂ organized by 2D assemblies for fast and durable alkali-ion storage. <i>Energy Storage Materials</i> , 2018 , 11, 161-169	19.4	54
63	High-Voltage-Efficiency Inorganic Perovskite Solar Cells in a Wide Solution-Processing Window. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 3646-3653	6.4	54
62	Tailoring band structure of ternary CdS _x Se _{1-x} quantum dots for highly efficient sensitized solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 155, 20-29	6.4	53
61	S-doped porous carbon confined SnS nanospheres with enhanced electrochemical performance for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18286-18292	13	51
60	Self-supported binder-free carbon fibers/MnO ₂ electrodes derived from disposable bamboo chopsticks for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2017 , 699, 126-135	5.7	49
59	Synergistic coupling of lamellar MoSe ₂ and SnO ₂ nanoparticles via chemical bonding at interface for stable and high-power sodium-ion capacitors. <i>Chemical Engineering Journal</i> , 2018 , 354, 1164-1173	14.7	48
58	Engineering Halide Perovskite Crystals through Precursor Chemistry. <i>Small</i> , 2019 , 15, e1903613	11	47
57	Superior sodium storage performance of additive-free V ₂ O ₅ thin film electrodes. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16590-16594	13	47
56	Hydrothermal synthesis of coherent porous V ₂ O ₃ /carbon nanocomposites for high-performance lithium- and sodium-ion batteries. <i>Science China Materials</i> , 2017 , 60, 717-727	7.1	47
55	3D flexible O/N Co-doped graphene foams for supercapacitor electrodes with high volumetric and areal capacitances. <i>Journal of Power Sources</i> , 2016 , 336, 455-464	8.9	46

54	Investigation of the role of Mn dopant in CdS quantum dot sensitized solar cell. <i>Electrochimica Acta</i> , 2016 , 191, 62-69	6.7	46
53	Necklace-like Si@C nanofibers as robust anode materials for high performance lithium ion batteries. <i>Science Bulletin</i> , 2019 , 64, 261-269	10.6	45
52	SnS Nanosheets Confined Growth by S and N Codoped Graphene with Enhanced Pseudocapacitance for Sodium-Ion Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41363-41373	9.5	45
51	Dynamic Growth of Pinhole-Free Conformal CH ₃ NH ₃ PbI ₃ Film for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4684-90	9.5	44
50	Layered ternary metal oxides: Performance degradation mechanisms as cathodes, and design strategies for high-performance batteries. <i>Progress in Materials Science</i> , 2020 , 111, 100655	42.2	42
49	Synergistic combination of semiconductor quantum dots and organic-inorganic halide perovskites for hybrid solar cells. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 279-313	23.2	39
48	Continuous Size Tuning of Monodispersed ZnO Nanoparticles and Its Size Effect on the Performance of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 9785-9794	9.5	38
47	Interface Engineering V O Nanofibers for High-Energy and Durable Supercapacitors. <i>Small</i> , 2019 , 15, e1901747	11	36
46	A novel anion-exchange strategy for constructing high performance PbS quantum dot-sensitized solar cells. <i>Nano Energy</i> , 2016 , 30, 559-569	17.1	35
45	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17303-11	9.5	35
44	Monolayer-like hybrid halide perovskite films prepared by additive engineering without antisolvents for solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15386-15394	13	35
43	Improved charge generation and collection in dye-sensitized solar cells with modified photoanode surface. <i>Nano Energy</i> , 2014 , 10, 353-362	17.1	35
42	Tailoring Energy and Power Density through Controlling the Concentration of Oxygen Vacancies in VO/PEDOT Nanocable-Based Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16647-16655	9.5	34
41	Three-Dimensional Carbon-Coated Treelike NiS Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 36018-36027	9.5	34
40	Repairing Defects of Halide Perovskite Films To Enhance Photovoltaic Performance. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37005-37013	9.5	34
39	Covalent organic framework-regulated ionic transportation for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 26540-26548	13	31
38	Facile one-step fabrication of Cd _{0.12} Se _{0.88} quantum dots with a ZnSe/ZnS-passivation layer for highly efficient quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9866-9873	13	30
37	Surface Engineering of Quantum Dots for Remarkably High Detectivity Photodetectors. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 3285-3294	6.4	28

36	Efficient band alignment for ZnxCd1-xSe QD-sensitized TiO2 solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3669	13	27
35	High mass loading Ni-decorated Co9S8 with enhanced electrochemical performance for flexible quasi-solid-state asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2019 , 423, 106-114	8.9	26
34	Self-templating synthesis of double-wall shelled vanadium oxide hollow microspheres for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6792-6799	13	26
33	Carbon quantum dot modified Na3V2(PO4)2F3 as a high-performance cathode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18872-18879	13	25
32	Band-structure tailoring and surface passivation for highly efficient near-infrared responsive PbS quantum dot photovoltaics. <i>Journal of Power Sources</i> , 2016 , 333, 107-117	8.9	25
31	Enhancing sodium-ion storage performance of MoO2/N-doped carbon through interfacial Mo-N-C bond. <i>Science China Materials</i> , 2021 , 64, 85-95	7.1	24
30	Fabrication of hybrid Co3O4/NiCo2O4 nanosheets sandwiched by nanoneedles for high-performance supercapacitors using a novel electrochemical ion exchange. <i>Science China Materials</i> , 2017 , 60, 1168-1178	7.1	23
29	Novel synthesis of V2O5 hollow microspheres for lithium ion batteries. <i>Science China Materials</i> , 2016 , 59, 567-573	7.1	23
28	Carbon fabric supported 3D cobalt oxides/hydroxide nanosheet network as cathode for flexible all-solid-state asymmetric supercapacitor. <i>Dalton Transactions</i> , 2018 , 47, 11503-11511	4.3	23
27	Facile fabrication of interconnected-mesoporous T-Nb2O5 nanofibers as anodes for lithium-ion batteries. <i>Science China Materials</i> , 2019 , 62, 465-473	7.1	23
26	Boosting the cycling stability of hydrated vanadium pentoxide by Y3+ pillaring for sodium-ion batteries. <i>Materials Today Energy</i> , 2019 , 11, 218-227	7	22
25	Mesoporous Carbon Nanofibers Embedded with MoS2 Nanocrystals for Extraordinary Li-Ion Storage. <i>Chemistry - A European Journal</i> , 2015 , 21, 18248-57	4.8	21
24	Impact of sol aging on TiO2 compact layer and photovoltaic performance of perovskite solar cell. <i>Science China Materials</i> , 2016 , 59, 710-718	7.1	21
23	Nanostructured manganese dioxide with adjustable Mn3+/Mn4+ ratio for flexible high-energy quasi-solid supercapacitors. <i>Chemical Engineering Journal</i> , 2020 , 396, 125342	14.7	20
22	Ultrathin ALD coating on TiO2 photoanodes with enhanced quantum dot loading and charge collection in quantum dots sensitized solar cells. <i>Science China Materials</i> , 2016 , 59, 833-841	7.1	20
21	In situ formation of porous graphitic carbon wrapped MnO/Ni microsphere networks as binder-free anodes for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12316-12322	13	20
20	Nanoporous carbon leading to the high performance of a Na3V2O2(PO4)2F@carbon/graphene cathode in a sodium ion battery. <i>CrystEngComm</i> , 2017 , 19, 4287-4293	3.3	19
19	Microbelt and microbelt-structured SnO2@C as an advanced electrode with outstanding rate capability and high reversibility. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10523-10533	13	19

18	In-situ fabrication of P3HT passivating layer with hole extraction ability for enhanced performance of perovskite solar cell. <i>Chemical Engineering Journal</i> , 2020 , 402, 126152	14.7	18
17	Dual interface coupled molybdenum diselenide for high-performance sodium ion batteries and capacitors. <i>Journal of Power Sources</i> , 2020 , 446, 227298	8.9	18
16	Interphases, Interfaces, and Surfaces of Active Materials in Rechargeable Batteries and Perovskite Solar Cells. <i>Advanced Materials</i> , 2021 , 33, e1905245	24	18
15	Twin-nanoplate assembled hierarchical Ni/MnO porous microspheres as advanced anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018 , 259, 419-426	6.7	17
14	Towards a durable high performance anode material for lithium storage: stabilizing N-doped carbon encapsulated FeS nanosheets with amorphous TiO ₂ . <i>Journal of Materials Chemistry A</i> , 2019 , 7, 16541-16552	13	16
13	Controlled crystallinity and morphologies of 2D Ruddlesden-Popper perovskite films grown without anti-solvent for solar cells. <i>Chemical Engineering Journal</i> , 2020 , 394, 124959	14.7	14
12	Nearly monodisperse PbS quantum dots for highly efficient solar cells: an in situ seeded ion exchange approach. <i>Chemical Communications</i> , 2018 , 54, 12598-12601	5.8	14
11	Sodium ion storage performance and mechanism in orthorhombic V ₂ O ₅ single-crystalline nanowires. <i>Science China Materials</i> , 2021 , 64, 557-570	7.1	13
10	Revealing the impacts of metastable structure on the electrochemical properties: The case of MnS. <i>Journal of Power Sources</i> , 2019 , 431, 75-83	8.9	12
9	Enhanced-performance of self-powered flexible quantum dot photodetectors by a double hole transport layer structure. <i>Nanoscale</i> , 2019 , 11, 9626-9632	7.7	12
8	Flexible all-solid-state ultrahigh-energy asymmetric supercapacitors based on tailored morphology of NiCoO ₂ /Ni(OH) ₂ /Co(OH) ₂ electrodes. <i>CrystEngComm</i> , 2018 , 20, 6519-6528	3.3	12
7	Rational design of the pea-pod structure of SiO _x /C nanofibers as a high-performance anode for lithium ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1762-1769	6.8	11
6	Amorphous NiWO ₄ Nanospheres with High-Conductivity and -Capacitive Performance for Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 30067-30076	3.8	10
5	Impacts of Mn ion in ZnSe passivation on electronic band structure for high efficiency CdS/CdSe quantum dot solar cells. <i>Dalton Transactions</i> , 2018 , 47, 9634-9642	4.3	10
4	Surface-defect passivation through complexation with organic molecules leads to enhanced power conversion efficiency and long term stability of perovskite photovoltaics. <i>Science China Materials</i> , 2020 , 63, 479-480	7.1	7
3	Fabrication of tunable aluminum nanodisk arrays via a self-assembly nanoparticle template method and their applications for performance enhancement in organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3649-3658	13	7
2	Tunable engineering of photo- and electro-induced carrier dynamics in perovskite photoelectronic devices. <i>Science China Materials</i> , ¹	7.1	2
1	Electrocatalytic oxygen reduction reaction activity of KOH etched carbon films as metal-free cathodic catalysts for fuel cells.. <i>RSC Advances</i> , 2019 , 9, 2803-2811	3.7	2

