

# Tom Wu

## List of Articles by Year in descending order

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380

PR articles

33,370

PR citations

2694

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3757

176

g-index

395

documents

35478

doc citations

3562

92

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42711

citing authors

#	ARTICLE	IF	CITATIONS
1	Size Enlargement of CsPbI <sub>3</sub> Perovskite Nanocrystals by Trioctylphosphine in the Synthesis for Highly Efficient Deep-Red Light-Emitting Diodes. <i>Advanced Electronic Materials</i> , 2025, 11, .	4.9	7
2	Strong Correlation Between A-Site Cation Order and Self-Trapped Exciton Emission in OD Hybrid Perovskites. <i>Small Science</i> , 2025, 5, .	7.7	4
3	Ligand Engineering Enables Bifacial PbS All-QD Homojunction Photodiodes. <i>Advanced Functional Materials</i> , 2025, 35, .	17.0	6
4	Intermediate State Formation Extends the Ambient Temperature Processing Window of Solution-Processed Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2025, 10, 647-657.	17.0	16
5	PTAA-Based Perovskite Photovoltaics Catching up: Ionic Liquid Engineering-Assisted Crystallization Through Sequential Deposition. <i>Advanced Science</i> , 2025, 12, .	12.6	1
6	Boiling water tolerant organic field-effect transistors enabled by a short-chain polymer blending approach. <i>Journal of Materials Chemistry A</i> , 2025, 13, 9282-9291.	9.3	2
7	Harnessing Earth-Abundant Lead-Free Halide Perovskite for Resistive Switching Memory and Neuromorphic Computing. <i>Advanced Electronic Materials</i> , 2025, 11, .	4.9	14
8	Enhancing ferroelectric resistive switching via polar order engineering in Sm-doped BiFeO <sub>3</sub> films. <i>Microelectronic Engineering</i> , 2025, 299, 112343.	2.7	3
9	Coupling Light into Memristors: Advances in Halide Perovskite Resistive Switching and Neuromorphic Computing. <i>Small Methods</i> , 2025, 9, .	9.0	6
10	Dynamic nanodomains dictate macroscopic properties in lead halide perovskites. <i>Nature Nanotechnology</i> , 2025, 20, 755-763.	32.2	18
11	Stabilization of $\Gamma^3$ -CsPbI <sub>3</sub> Nanoplatelets via Tailored Surface Coordination for High-Performance Rec. 2020 Pure-Red LEDs. <i>ACS Nano</i> , 2025, 19, 23151-23161.	15.3	4
12	Quantum Dot Enabled Cation Exchange in Halide Perovskites for Photovoltaics and Infrared Photodetectors. <i>ACS Energy Letters</i> , 2025, 10, 3508-3518.	17.0	1
13	High-Performance Optoelectronic Gas Sensing Based on All-Inorganic Mixed-Halide Perovskite Nanocrystals with Halide Engineering. <i>Small Methods</i> , 2024, 8, .	9.0	22
14	Regulating the Phase and Optical Properties of Mixed-Halide Perovskites via Hot-Electron Engineering. <i>Advanced Functional Materials</i> , 2024, 34, .	17.0	11
15	Facile and Eco-Friendly Approach to Multifunctional Supramolecular Poly(ionic liquid) Nanoporous Membranes Containing Hydrophilic Anions (Br <sup>-</sup> , MBry <sup>-</sup> , M = Sn, Pb, Sb, Bi). <i>Macromolecules</i> , 2024, 57, 5073-5080.	5.0	3
16	Assessing the Optoelectronic Performance of Halide Perovskite Quantum Dots with Identical Bandgaps: Composition Tuning Versus Quantum Confinement. <i>ACS Energy Letters</i> , 2024, 9, 3970-3981.	17.0	20
17	One-Step Synthesis of Graphene-Covered Silver Nanowires with Enhanced Stability for Heating and Strain Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2024, 16, 39600-39612.	8.0	9
18	Judicious Fluorination of Perovskite Quantum Wells Enables Over 25% Efficiency in Inverted Solar Cells. <i>Advanced Energy Materials</i> , 2024, 14, .	22.5	20

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19	Interface Regulation via an Organometallic Ferrocene-Based Molecule toward Inverted Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2024, 9, 4283-4292.	17.0	26
20	Conductive colloidal perovskite quantum dot inks towards fast printing of solar cells. <i>Nature Energy</i> , 2024, 9, 1378-1387.	50.6	39
21	Phase transitions in mixed-dimensional perovskite: From film formation evolution to its impact on optoelectronic properties. <i>Chemical Engineering Journal</i> , 2024, 500, 157369.	12.0	6
22	Hybrid Block Copolymer/Perovskite Heterointerfaces for Efficient Solar Cells. <i>Advanced Materials</i> , 2023, 35, .	24.5	29
23	Emerging Chalcogenide Materials for Energy Applications. <i>Chemical Reviews</i> , 2023, 123, 327-378.	52.6	113
24	Subnanosecond Lifetime of Photocarriers in Hybrid Lead Halide Perovskite. <i>Advanced Electronic Materials</i> , 2023, 9, .	4.9	1
25	Go beyond the limit: Rationally designed mixed-dimensional perovskite/semiconductor heterostructures and their applications. <i>Innovation(China)</i> , 2023, 4, 100363.	7.1	27
26	S-doped C <sub>3</sub> N <sub>5</sub> derived from thiadiazole for efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2023, 11, 12837-12845.	9.3	66
27	Emerging Trends of Carbon-Based Quantum Dots: Nanoarchitectonics and Applications. <i>Small</i> , 2023, 19, .	11.5	207
28	Morphology-Dependent Charge Carrier Dynamics and Ion Migration Behavior of CsPbBr <sub>3</sub> Halide Perovskite Quantum Dot Films. <i>Small</i> , 2023, 19, .	11.5	15
29	Spintronic leaky-integrate-fire spiking neurons with self-reset and winner-takes-all for neuromorphic computing. <i>Nature Communications</i> , 2023, 14, .	13.7	83
30	Recent progress with one-dimensional metal halide perovskites: from rational synthesis to optoelectronic applications. <i>NPG Asia Materials</i> , 2023, 15, .	7.4	83
31	Lab free protein-based moisture electric generators with a high electric output. <i>Energy and Environmental Science</i> , 2023, 16, 2338-2345.	30.8	52
32	Spin-orbital coupling in all-inorganic metal-halide perovskites: The hidden force that matters. <i>Applied Physics Reviews</i> , 2023, 10, .	10.4	12
33	Performance degradation and mitigation strategies of silver nanowire networks: a review. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2022, 47, 435-459.	11.0	59
34	Electroluminescent Solar Cells Based on CsPbI <sub>3</sub> Perovskite Quantum Dots. <i>Advanced Functional Materials</i> , 2022, 32, .	17.0	73
35	Optimization of the Selenization Pressure Enabling Efficient Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	4.6	18
36	Quantum Dot Passivation of Halide Perovskite Films with Reduced Defects, Suppressed Phase Segregation, and Enhanced Stability. <i>Advanced Science</i> , 2022, 9, .	12.6	64

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37	Emerging Transistor Applications Enabled by Halide Perovskites. <i>Accounts of Materials Research</i> , 2022, 3, 8-20.	12.4	21
38	Electrode Engineering in Halide Perovskite Electronics: Plenty of Room at the Interfaces. <i>Advanced Materials</i> , 2022, 34, .	24.5	107
39	A Solution-Processed All-Perovskite Memory with Dual-Band Light Response and Tri-Mode Operation. <i>Advanced Functional Materials</i> , 2022, 32, .	17.0	57
40	Boosting moisture induced electricity generation from graphene oxide through engineering oxygen-based functional groups. <i>Nano Energy</i> , 2022, 94, 106942.	16.2	102
41	A facile approach to tailor electrocatalytic properties of MnO <sub>2</sub> through tuning phase transition, surface morphology and band structure. <i>Chemical Engineering Journal</i> , 2022, 438, 135561.	12.0	56
42	Coupled Current Jumps and Domain Wall Creeps in a Defect-Engineered Ferroelectric Resistive Memory. <i>Advanced Electronic Materials</i> , 2022, 8, .	4.9	15
43	Perovskite Quantum Dot Solar Cells Fabricated from Recycled Lead-Acid Battery Waste. , 2022, 4, 120-127.		17
44	Tuning Phase Transition and Thermo-chromic Properties of Vanadium Dioxide Thin Films via Cobalt Doping. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19736-19746.	8.0	33
45	Anomalous Structural Evolution and Glassy Lattice in Mixed-Halide Hybrid Perovskites. <i>Small</i> , 2022, 18, .	11.5	24
46	Indigo: A Natural Molecular Passivator for Efficient Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2022, 12, .	22.5	113
47	High- $\kappa$ perovskite membranes as insulators for two-dimensional transistors. <i>Nature</i> , 2022, 605, 262-267.	37.9	324
48	Enhancing Self-Trapped Exciton Emission via Energy Transfer in Two-Dimensional/Quantum Dot Perovskite Heterostructures. <i>ACS Photonics</i> , 2022, 9, 2008-2014.	6.0	16
49	Recent Progress on Titanium Sesquioxide: Fabrication, Properties, and Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	17.0	30
50	Doping and defect engineering induced extremely high magnetization and large coercivity in Co doped MoTe <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , 2022, 918, 165750.	6.0	13
51	Multi-functional multi-gate one-transistor process-in-memory electronics with foundry processing and footprint reduction. <i>Communications Materials</i> , 2022, 3, .	8.2	17
52	Low-Dimensional Metal-Halide Perovskites as High-Performance Materials for Memory Applications. <i>Small</i> , 2022, 18, .	11.5	90
53	Valence-Regulated Metal Doping of Mixed-Halide Perovskites to Modulate Phase Segregation and Solar Cell Performance. <i>ACS Energy Letters</i> , 2022, 7, 4150-4160.	17.0	26
54	Strain-Manipulated Photovoltaic and Photoelectric Effects of the MAPbBr <sub>3</sub> Single Crystal. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 52134-52139.	8.0	9

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55	Inorganic Halide Perovskite Quantum Dots: A Versatile Nanomaterial Platform for Electronic Applications. Nano-Micro Letters, 2022, 15, .	30.2	131
56	Integrating Low-Cost Earth-Abundant Co-Catalysts with Encapsulated Perovskite Solar Cells for Efficient and Stable Overall Solar Water Splitting. Advanced Functional Materials, 2021, 31, .	17.0	64
57	Recent Progress in Short-to Long-Wave Infrared Photodetection Using 2D Materials and Heterostructures. Advanced Optical Materials, 2021, 9, .	7.0	202
58	Optimizing Surface Chemistry of PbS Colloidal Quantum Dot for Highly Efficient and Stable Solar Cells via Chemical Binding. Advanced Science, 2021, 8, .	12.6	70
59	Flexible and efficient perovskite quantum dot solar cells via hybrid interfacial architecture. Nature Communications, 2021, 12, .	13.7	305
60	All-Solution-Processed Quantum Dot Electrical Double-Layer Transistors Enhanced by Surface Charges of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Contacts. ACS Nano, 2021, 15, 5221-5229.	15.3	44
61	Bismuth telluride topological insulator synthesized using liquid metal alloys: Test of NO <sub>2</sub> selective sensing. Applied Materials Today, 2021, 22, 100954.	3.8	24
62	Hybrid Perovskite Quantum Dot/Non-Fullerene Molecule Solar Cells with Efficiency Over 15%. Advanced Functional Materials, 2021, 31, .	17.0	57
63	Understanding the Role of Vanadium Vacancies in BiVO <sub>4</sub> for Efficient Photoelectrochemical Water Oxidation. Chemistry of Materials, 2021, 33, 3553-3565.	6.7	82
64	Quantum Dots for Photovoltaics: A Tale of Two Materials. Advanced Energy Materials, 2021, 11, .	22.5	133
65	Halide Perovskites: A New Era of Solution-Processed Electronics. Advanced Materials, 2021, 33, .	24.5	253
66	First-Principles Optimization of Out-of-Plane Charge Transport in Dion-Jacobson CsPbI <sub>3</sub> Perovskites with $\pi$ -Conjugated Aromatic Spacers. Advanced Functional Materials, 2021, 31, .	17.0	66
67	Pressure effects on iron-based superconductor families: Superconductivity, flux pinning and vortex dynamics. Materials Today Physics, 2021, 19, 100414.	6.1	21
68	Bridging NiCo layered double hydroxides and Ni <sub>3</sub> S <sub>2</sub> for bifunctional electrocatalysts: The role of vertical graphene. Chemical Engineering Journal, 2021, 415, 129048.	12.0	53
69	Giant Bulk Photostriction and Accurate Photomechanical Actuation in Hybrid Perovskites. Advanced Optical Materials, 2021, 9, .	7.0	27
70	CsPbBr <sub>3</sub> perovskite quantum-dot paper exhibiting a highest 3% dB bandwidth and realizing a flexible white-light system for visible-light communication. Photonics Research, 2021, 9, 2341.	6.4	40
71	New insights on the substantially reduced bandgap of bismuth layered perovskite oxide thin films. Journal of Materials Chemistry C, 2021, 9, 3161-3170.	5.1	11
72	High Coercivity and Magnetization in WSe <sub>2</sub> by Codoping Co and Nb. Small, 2020, 16, .	11.5	56

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73	Light-Enhanced Spin Diffusion in Hybrid Perovskite Thin Films and Single Crystals. ACS Applied Materials & Interfaces, 2020, 12, 3205-3213.	8.0	22
74	Quantum-Dot Tandem Solar Cells Based on a Solution-Processed Nanoparticle Intermediate Layer. ACS Applied Materials & Interfaces, 2020, 12, 2313-2318.	8.0	35
75	Organic intercalation engineering of quasi-2D Dionâ€“Jacobson Î±-CsPbI <sub>3</sub> perovskites. Materials Horizons, 2020, 7, 1042-1050.	10.2	62
76	Topotactic phase transformations by concerted dual-ion migration of B-site cation and oxygen in multivalent cobaltite Laâ€“Srâ€“Coâ€“Ox films. Nano Energy, 2020, 78, 105215.	16.2	32
77	Tuning the Surface-Passivating Ligand Anchoring Position Enables Phase Robustness in CsPbI <sub>3</sub> Perovskite Quantum Dot Solar Cells. ACS Energy Letters, 2020, 5, 3322-3329.	17.0	128
78	Giant Piezoresistance in B-Doped SiC Nanobelts with a Gauge Factor of ~1800. ACS Applied Materials & Interfaces, 2020, 12, 47848-47853.	8.0	9
79	Ultrathin Perovskite Monocrystals Boost the Solar Cell Performance. Advanced Energy Materials, 2020, 10, .	22.5	58
80	A monolithic artificial iconic memory based on highly stable perovskite-metal multilayers. Applied Physics Reviews, 2020, 7, .	10.4	57
81	All-inorganic dual-phase halide perovskite nanorings. Nano Research, 2020, 13, 2994-3000.	8.6	21
82	Advances on Emerging Materials for Flexible Supercapacitors: Current Trends and Beyond. Advanced Functional Materials, 2020, 30, .	17.0	159
83	Highly UV Resistant Inchâ€“Scale Hybrid Perovskite Quantum Dot Papers. Advanced Science, 2020, 7, .	12.6	42
84	Illumination-Induced Phase Segregation and Suppressed Solubility Limit in Br-Rich Mixed-Halide Inorganic Perovskites. ACS Applied Materials & Interfaces, 2020, 12, 38376-38385.	8.0	49
85	Manipulation of planar oxygen defect arrangements in multifunctional magnÃ“li titanium oxide hybrid systems: from energy conversion to water treatment. Energy and Environmental Science, 2020, 13, 5080-5096.	30.8	24
86	P-type Charge Transport and Selective Gas Sensing of All-Inorganic Perovskite Nanocrystals. , 2020, 2, 1368-1374.		59
87	Two-Dimensional Electron Gas at the Spinel/Perovskite Interface: Suppression of Polar Catastrophe by an Ultrathin Layer of Interfacial Defects. ACS Applied Materials & Interfaces, 2020, 12, 42982-42991.	8.0	12
88	Enhancing the Efficiency and Stability of PbS Quantum Dot Solar Cells through Engineering an Ultrathin NiO Nanocrystalline Interlayer. ACS Applied Materials & Interfaces, 2020, 12, 46239-46246.	8.0	35
89	Nonvolatile Multistates Memories for High-Density Data Storage. ACS Applied Materials & Interfaces, 2020, 12, 42449-42471.	8.0	150
90	Colossal Magnetization and Giant Coercivity in Ion-Implanted (Nb and Co) MoS <sub>2</sub> Crystals. ACS Applied Materials & Interfaces, 2020, 12, 58140-58148.	8.0	31

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91	Microwave Synthesis and High-Mobility Charge Transport of Carbon-Nanotube-Incorporated Perovskite Single Crystals. <i>Advanced Optical Materials</i> , 2020, 8, .	7.0	24
92	Artificial Tactile Perceptual Neuron with Nociceptive and Pressure Decoding Abilities. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 26258-26266.	8.0	92
93	Emergence of Ferroelectricity in Halide Perovskites. <i>Small Methods</i> , 2020, 4, .	9.0	141
94	Micro-light-emitting diodes with quantum dots in display technology. <i>Light: Science and Applications</i> , 2020, 9, .	19.9	587
95	Enhancing Resistive Switching Performance and Ambient Stability of Hybrid Perovskite Single Crystals via Embedding Colloidal Quantum Dots. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	80
96	Gas chromatography-mass spectrometry analyses of encapsulated stable perovskite solar cells. <i>Science</i> , 2020, 368, .	36.2	423
97	Tuning Magnetism and Photocurrent in Mn-Doped Organic-Inorganic Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2577-2584.	4.2	52
98	Shape and Orientation Controlled Hydrothermal Synthesis of Silicide and Metal Dichalcogenide on a Silicon Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18850-18858.	8.0	14
99	Hybrid Organic-Inorganic Materials and Composites for Photoelectrochemical Water Splitting. <i>ACS Energy Letters</i> , 2020, 5, 1487-1497.	17.0	151
100	Oxidation Kinetics of WTe <sub>2</sub> Surfaces in Different Environments. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2196-2202.	4.6	37
101	Facile Patterning of Silver Nanowires with Controlled Polarities via Inkjet-Assisted Manipulation of Interface Adhesion. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34086-34094.	8.0	29
102	Single-Crystal Hybrid Perovskite Platelets on Graphene: A Mixed-Dimensional Van Der Waals Heterostructure with Strong Interface Coupling. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	36
103	Localized Electrons Enhanced Ion Transport for Ultrafast Electrochemical Energy Storage. <i>Advanced Materials</i> , 2020, 32, .	24.5	58
104	Giant Optical Anisotropy of Perovskite Nanowire Array Films. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	115
105	Correlating the Composition-Dependent Structural and Electronic Dynamics of Inorganic Mixed Halide Perovskites. <i>Chemistry of Materials</i> , 2020, 32, 2470-2481.	6.7	23
106	Solution-Processed Mixed-Dimensional Hybrid Perovskite/Carbon Nanotube Electronics. <i>ACS Nano</i> , 2020, 14, 3969-3979.	15.3	36
107	Improving thermal and electrical stability of silver nanowire network electrodes through integrating graphene oxide intermediate layers. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 375-382.	9.9	49
108	Enhanced Power Conversion Efficiency via Hybrid Ligand Exchange Treatment of p-Type PbS Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 22751-22759.	8.0	56

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109	Low-Dimensional Lead-Free Inorganic Perovskites for Resistive Switching with Ultralow Bias. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	118
110	Designed growth and patterning of perovskite nanowires for lasing and wide color gamut phosphors with long-term stability. <i>Nano Energy</i> , 2020, 73, 104801.	16.2	66
111	Phase segregation in inorganic mixed-halide perovskites: from phenomena to mechanisms. <i>Photonics Research</i> , 2020, 8, A56.	6.4	78
112	Transition from Positive to Negative Photoconductance in Doped Hybrid Perovskite Semiconductors. <i>Advanced Optical Materials</i> , 2019, 7, .	7.0	81
113	Giant Electric Bias-Induced Tunability of Photoluminescence and Photoresistance in Hybrid Perovskite Films on Ferroelectric Substrates. <i>Advanced Optical Materials</i> , 2019, 7, .	7.0	12
114	Synergistic effect of electron transport layer and colloidal quantum dot solid enable PbSe quantum dot solar cell achieving over 10 % efficiency. <i>Nano Energy</i> , 2019, 64, 103922.	16.2	51
115	Interface-based tuning of Rashba spin-orbit interaction in asymmetric oxide heterostructures with 3d electrons. <i>Nature Communications</i> , 2019, 10, .	13.7	74
116	Giant Humidity Effect on Hybrid Halide Perovskite Microstripes: Reversibility and Sensing Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29821-29829.	8.0	102
117	Confinement-Induced Giant Spin-Orbit-Coupled Magnetic Moment of Co Nanoclusters in TiO <sub>2</sub> Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43781-43788.	8.0	10
118	Growth of Doped SrTiO <sub>3</sub> Ferroelectric Nanoporous Thin Films and Tuning of Photoelectrochemical Properties with Switchable Ferroelectric Polarization. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 45683-45691.	8.0	43
119	Electro-thermally driven flexible robot arms based on stacking-controlled graphite nanocomposites. <i>Carbon</i> , 2019, 152, 873-881.	10.7	50
120	Plasmonic-Enhanced Light Harvesting and Perovskite Solar Cell Performance Using Au Biometric Dimers with Broadband Structural Darkness. <i>Solar Rrl</i> , 2019, 3, .	4.6	45
121	Origin of giant negative piezoelectricity in a layered van der Waals ferroelectric. <i>Science Advances</i> , 2019, 5, .	10.9	271
122	One-Step Vapor-Phase Synthesis and Quantum-Confined Exciton in Single-Crystal Platelets of Hybrid Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2363-2371.	4.2	35
123	Formation of DY center as n-type limiting defects in octahedral semiconductors: the case of Bi-doped hybrid halide perovskites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4230-4234.	5.1	46
124	Electron-beam irradiation-hard metal-halide perovskite nanocrystals. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10912-10917.	9.3	38
125	A OD Lead-Free Hybrid Crystal with Ultralow Thermal Conductivity. <i>Advanced Functional Materials</i> , 2019, 29, .	17.0	38
126	Stable Bandgap-Tunable Hybrid Perovskites with Alloyed Pb-Ba Cations for High-Performance Photovoltaic Applications. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 59-66.	4.2	52

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127	Giant nonvolatile manipulation of magnetoresistance in magnetic tunnel junctions by electric fields via magnetoelectric coupling. <i>Nature Communications</i> , 2019, 10, .	13.7	132
128	P-type SnO Thin Film Phototransistor with Perovskite-Mediated Photogating. <i>Advanced Electronic Materials</i> , 2019, 5, .	4.9	50
129	(Invited) Heterostructured "Binary Materials" for Photodetection from Mid-Infrared, Visible, to X-Ray. <i>ECS Meeting Abstracts</i> , 2019, MA2019-01, 1326-1326.	0.0	0
130	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor In <sub>2</sub> Se <sub>3</sub> . <i>Nano Letters</i> , 2018, 18, 1253-1258.	8.7	758
131	Imaging Localized Energy States in Silicon-Doped InGaN Nanowires Using 4D Electron Microscopy. <i>ACS Energy Letters</i> , 2018, 3, 476-481.	17.0	19
132	Fabry-Pérot Oscillation and Room Temperature Lasing in Perovskite Cube-Corner Pyramid Cavities. <i>Small</i> , 2018, 14, .	11.5	77
133	Strong Exciton-Photon Coupling and Lasing Behavior in All-Inorganic CsPbBr <sub>3</sub> Micro/Nanowire Fabry-Pérot Cavity. <i>ACS Photonics</i> , 2018, 5, 2051-2059.	6.0	172
134	Light-Responsive Ion-Redistribution-Induced Resistive Switching in Hybrid Perovskite Schottky Junctions. <i>Advanced Functional Materials</i> , 2018, 28, .	17.0	212
135	Orthorhombic Ti <sub>2</sub> O <sub>3</sub> : A Polymorph-Dependent Narrow-Bandgap Ferromagnetic Oxide. <i>Advanced Functional Materials</i> , 2018, 28, .	17.0	49
136	Colossal X-Ray-Induced Persistent Photoconductivity in Current-Perpendicular-to-Plane Ferroelectric/Semiconductor Junctions. <i>Advanced Functional Materials</i> , 2018, 28, .	17.0	24
137	Ferroelectric Polarization Rotation in Order-Disorder-Type LiNbO <sub>3</sub> Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41471-41478.	8.0	21
138	Self-Organized Ferroelectric Domains Controlled by a Constant Bias from the Atomic Force Microscopy Tip. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40911-40917.	8.0	11
139	Single crystal hybrid perovskite field-effect transistors. <i>Nature Communications</i> , 2018, 9, .	13.7	318
140	Narrow bandgap oxide nanoparticles coupled with graphene for high performance mid-infrared photodetection. <i>Nature Communications</i> , 2018, 9, .	13.7	205
141	Imaging the Reduction of Electron Trap States in Shelled Copper Indium Gallium Selenide Nanocrystals Using Ultrafast Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15010-15016.	3.1	5
142	Efficient Photon Recycling and Radiation Trapping in Cesium Lead Halide Perovskite Waveguides. <i>ACS Energy Letters</i> , 2018, 3, 1492-1498.	17.0	80
143	Overcoming the Ambient Manufacturability-Scalability-Performance Bottleneck in Colloidal Quantum Dot Photovoltaics. <i>Advanced Materials</i> , 2018, 30, .	24.5	97
144	Embedding 1D Conducting Channels into 3D Isoporous Polymer Films for High-Performance Humidity Sensing. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11218-11222.	14.4	40

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145	Morphology-Tailored Halide Perovskite Platelets and Wires: From Synthesis, Properties to Optoelectronic Devices. <i>Advanced Optical Materials</i> , 2018, 6, .	7.0	41
146	Embedding 1D Conducting Channels into 3D Isoporous Polymer Films for High-Performance Humidity Sensing. <i>Angewandte Chemie</i> , 2018, 130, 11388-11392.	1.4	1
147	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. <i>Angewandte Chemie</i> , 2018, 130, 12540-12544.	1.4	15
148	InnenrÄ¼cktitelbild: Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering ( <i>Angew. Chem.</i> 38/2018). <i>Angewandte Chemie</i> , 2018, 130, 12765-12765.	1.4	0
149	All-inorganic perovskite nanocrystal scintillators. <i>Nature</i> , 2018, 561, 88-93.	37.9	1,904
150	Ultrahigh rate capability and ultralong cycling stability of sodium-ion batteries enabled by wrinkled black titania nanosheets with abundant oxygen vacancies. <i>Nano Energy</i> , 2018, 53, 91-96.	16.2	56
151	Strain-Enhanced Charge Transfer and Magnetism at a Manganite/Nickelate Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30803-30810.	8.0	21
152	Observation of superconductivity in structure-selected Ti2O3 thin films. <i>NPG Asia Materials</i> , 2018, 10, 522-532.	7.4	61
153	From Titanium Sesquioxide to Titanium Dioxide: Oxidation-Induced Structural, Phase, and Property Evolution. <i>Chemistry of Materials</i> , 2018, 30, 4383-4392.	6.7	69
154	Ambient Electrosynthesis of Ammonia: Electrode Porosity and Composition Engineering. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12360-12364.	14.4	178
155	Ultrahigh Carrier Mobility Achieved in Photoresponsive Hybrid Perovskite Films via Coupling with Single-Walled Carbon Nanotubes. <i>Advanced Materials</i> , 2017, 29, .	24.5	116
156	2D Organic-Inorganic Hybrid Thin Films for Flexible UV-Visible Photodetectors. <i>Advanced Functional Materials</i> , 2017, 27, .	17.0	147
157	Enhancing the Performance of Quantum Dot Light-Emitting Diodes Using Room-Temperature-Processed Ga-Doped ZnO Nanoparticles as the Electron Transport Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15605-15614.	8.0	143
158	Efficient Electrocatalytic Reduction of CO2 by Nitrogen-Doped Nanoporous Carbon/Carbon Nanotube Membranes: A Step Towards the Electrochemical CO2 Refinery. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7847-7852.	14.4	287
159	Efficient Electrocatalytic Reduction of CO2 by Nitrogen-Doped Nanoporous Carbon/Carbon Nanotube Membranes: A Step Towards the Electrochemical CO2 Refinery. <i>Angewandte Chemie</i> , 2017, 129, 7955-7960.	1.4	94
160	Nitrogen-Doped Nanoporous Carbon Membranes with Co/CoP Janus-Type Nanocrystals as Hydrogen Evolution Electrode in Both Acidic and Alkaline Environments. <i>ACS Nano</i> , 2017, 11, 4358-4364.	15.3	214
161	Inorganic Lead Halide Perovskite Single Crystals: Phase-Selective Low-Temperature Growth, Carrier Transport Properties, and Self-Powered Photodetection. <i>Advanced Optical Materials</i> , 2017, 5, .	7.0	448
162	Synthesis of single-crystal-like nanoporous carbon membranes and their application in overall water splitting. <i>Nature Communications</i> , 2017, 8, .	13.7	152

#	ARTICLE	IF	CITATIONS
163	High-Performance Near-Infrared Phototransistor Based on n-Type Small-Molecular Organic Semiconductor. <i>Advanced Electronic Materials</i> , 2017, 3, .	4.9	72
164	High-Performance Ultraviolet-to-Infrared Broadband Perovskite Photodetectors Achieved via Inter-/Intraband Transitions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37832-37838.	8.0	108
165	Effects of High Temperature and Thermal Cycling on the Performance of Perovskite Solar Cells: Acceleration of Charge Recombination and Deterioration of Charge Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 35018-35029.	8.0	92
166	A Photodetector Based on p-Si/n-ZnO Nanotube Heterojunctions with High Ultraviolet Responsivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37120-37127.	8.0	117
167	Metal Oxides as Efficient Charge Transporters in Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, .	22.5	180
168	The Role of Surface Tension in the Crystallization of Metal Halide Perovskites. <i>ACS Energy Letters</i> , 2017, 2, 1782-1788.	17.0	207
169	High-Performance Photothermal Conversion of Narrow-Bandgap Ti <sub>2</sub> O <sub>3</sub> Nanoparticles. <i>Advanced Materials</i> , 2017, 29, .	24.5	961
170	Ferroelectric BiFeO <sub>3</sub> as an Oxide Dye in Highly Tunable Mesoporous All-Oxide Photovoltaic Heterojunctions. <i>Small</i> , 2017, 13, 1602355.	11.5	65
171	Continuous-wave optically pumped green perovskite vertical-cavity surface-emitter. <i>Optics Letters</i> , 2017, 42, 3618.	3.0	31
172	Shape-Enhanced Photocatalytic Activities of Thoroughly Mesoporous ZnO Nanofibers. <i>Small</i> , 2016, 12, 4007-4017.	11.5	47
173	Nanoscale Chemical and Valence Evolution at the Metal/Oxide Interface: A Case Study of Ti/SrTiO <sub>3</sub> . <i>Advanced Materials Interfaces</i> , 2016, 3, .	4.0	37
174	ZnO Nanorods on a LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Interface: Hybrid 1D/2D Diodes with Engineered Electronic Properties. <i>Small</i> , 2016, 12, 802-809.	11.5	7
175	Manganite/Cuprate Superlattice as Artificial Reentrant Spin Glass. <i>Advanced Materials Interfaces</i> , 2016, 3, .	4.0	22
176	Solution-Grown Monocrystalline Hybrid Perovskite Films for Hole-Transporter-Free Solar Cells. <i>Advanced Materials</i> , 2016, 28, 3383-3390.	24.5	341
177	Ferroelectric Polarization Switching Dynamics and Domain Growth of Triglycine Sulfate and Imidazolium Perchlorate. <i>Advanced Electronic Materials</i> , 2016, 2, .	4.9	34
178	Real-Space Mapping of Surface Trap States in CIGSe Nanocrystals Using 4D Electron Microscopy. <i>Nano Letters</i> , 2016, 16, 4417-4423.	8.7	23
179	Formamidinium Lead Halide Perovskite Crystals with Unprecedented Long Carrier Dynamics and Diffusion Length. <i>ACS Energy Letters</i> , 2016, 1, 32-37.	17.0	901
180	Schottky junctions on perovskite single crystals: light-modulated dielectric constant and self-biased photodetection. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8304-8312.	5.1	157

#	ARTICLE	IF	CITATIONS
181	Perovskite Photodetectors Operating in Both Narrowband and Broadband Regimes. <i>Advanced Materials</i> , 2016, 28, 8144-8149.	24.5	305
182	Interfacial effects revealed by ultrafast relaxation dynamics in BiFeO <sub>3</sub> /YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> bilayers. <i>Physical Review B</i> , 2016, 93, .	3.4	9
183	Pure crystal orientation and anisotropic charge transport in large-area hybrid perovskite films. <i>Nature Communications</i> , 2016, 7, .	13.7	211
184	Optically controlled electroresistance and electrically controlled photovoltage in ferroelectric tunnel junctions. <i>Nature Communications</i> , 2016, 7, .	13.7	188
185	Size-Induced Switching of Nanowire Growth Direction: a New Approach Toward Kinked Nanostructures. <i>Advanced Functional Materials</i> , 2016, 26, 3687-3695.	17.0	10
186	Heterostructured WS <sub>2</sub> /CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Photoconductors with Suppressed Dark Current and Enhanced Photodetectivity. <i>Advanced Materials</i> , 2016, 28, 3683-3689.	24.5	451
187	Gibbs-Thomson Effect in Planar Nanowires: Orientation and Doping Modulated Growth. <i>Nano Letters</i> , 2016, 16, 4158-4165.	8.7	27
188	Ultrathin Cu <sub>2</sub> O as an efficient inorganic hole transporting material for perovskite solar cells. <i>Nanoscale</i> , 2016, 8, 6173-6179.	5.0	215
189	Crystal structure of hexakis(dimethyl sulfoxide- $\delta$ O)manganese(II) tetraiodide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1791-1793.	0.5	6
190	Piezoelektrizit�t in zweidimensionalen Materialien. <i>Angewandte Chemie</i> , 2015, 127, 4508-4510.	1.4	5
191	Colossal positive magnetoresistance in surface-passivated oxygen-deficient strontium titanite. <i>Scientific Reports</i> , 2015, 5, .	3.4	29
192	Multiferroic oxide thin films and heterostructures. <i>Applied Physics Reviews</i> , 2015, 2, .	10.4	146
193	Fast Crystallization and Improved Stability of Perovskite Solar Cells with Zn <sub>2</sub> SnO <sub>4</sub> Electron Transporting Layer: Interface Matters. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28404-28411.	8.0	110
194	Atmospheric effects on the photovoltaic performance of hybrid perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2015, 137, 6-14.	6.1	129
195	Highly flexible and robust N-doped SiC nanoneedle field emitters. <i>NPG Asia Materials</i> , 2015, 7, e157-e157.	7.4	70
196	High-quality bulk hybrid perovskite single crystals within minutes by inverse temperature crystallization. <i>Nature Communications</i> , 2015, 6, .	13.7	1,758
197	Photocurrent generation in lateral graphene p-n junction created by electron-beam irradiation. <i>Scientific Reports</i> , 2015, 5, .	3.4	72
198	Device Performance of the Mott Insulator LaVO <sub>3</sub> as a Photovoltaic Material. <i>Physical Review Applied</i> , 2015, 3, .	3.9	90

#	ARTICLE	IF	CITATIONS
199	Facile Synthesis and High Performance of a New Carbazole-Based Hole-Transporting Material for Hybrid Perovskite Solar Cells. <i>ACS Photonics</i> , 2015, 2, 849-855.	6.0	105
200	Photoinduced modulation and relaxation characteristics in LaAlO <sub>3</sub> /SrTiO <sub>3</sub> heterointerface. <i>Scientific Reports</i> , 2015, 5, .	3.4	48
201	Evolution of the SrTiO <sub>3</sub> –MoO <sub>3</sub> Interface Electronic Structure: An in Situ Photoelectron Spectroscopy Study. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11309-11314.	8.0	24
202	Anisotropic Imprint of Amorphization and Phase Separation in Manganite Thin Films via Laser Interference Irradiation. <i>Small</i> , 2015, 11, 576-584.	11.5	11
203	Tunable room-temperature ferromagnet using an iron-oxide and graphene oxide nanocomposite. <i>Scientific Reports</i> , 2015, 5, .	3.4	12
204	Ambipolar solution-processed hybrid perovskite phototransistors. <i>Nature Communications</i> , 2015, 6, .	13.7	577
205	CH <sub>3</sub> NH <sub>3</sub> PbCl <sub>3</sub> Single Crystals: Inverse Temperature Crystallization and Visible-Blind UV-Photodetector. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3781-3786.	4.2	747
206	Influence of oxygen pressure and aging on LaAlO <sub>3</sub> films grown by pulsed laser deposition on SrTiO <sub>3</sub> substrates. <i>Applied Physics Letters</i> , 2014, 104, 081604.	3.0	13
207	Positive magnetoresistance in ferromagnetic Nd-doped In <sub>2</sub> O <sub>3</sub> thin films grown by pulse laser deposition. <i>Applied Physics Letters</i> , 2014, 104, 202411.	3.0	52
208	Asymmetric electroresistance of cluster glass state in manganites. <i>Applied Physics Letters</i> , 2014, 104, .	3.0	14
209	Interfacial magnetic coupling in ultrathin all-manganite La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> -TbMnO <sub>3</sub> superlattices. <i>Applied Physics Letters</i> , 2014, 104, .	3.0	27
210	Room Temperature Magnetic Graphene Oxide–Iron Oxide Nanocomposite Based Magnetoresistive Random Access Memory Devices via Spin-Dependent Trapping of Electrons. <i>Small</i> , 2014, 10, 1945-1952.	11.5	22
211	Electric field tuning of phase separation in manganite thin films. <i>Physical Review B</i> , 2014, 89, .	3.4	43
212	Perovskite Oxide SrTiO <sub>3</sub> as an Efficient Electron Transporter for Hybrid Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28494-28501.	3.1	299
213	Interface-induced magnetic coupling in multiferroic/ferromagnetic bilayer: An ultrafast pump-probe study. <i>Applied Physics Letters</i> , 2014, 104, .	3.0	7
214	Electrostatic Modulation of LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Interface Transport in an Electric Double-Layer Transistor. <i>Advanced Materials Interfaces</i> , 2014, 1, .	4.0	79
215	General Strategy for Fabricating Thoroughly Mesoporous Nanofibers. <i>Journal of the American Chemical Society</i> , 2014, 136, 16716-16719.	15.0	114
216	Favorable ultraviolet photoelectric effects in TbMnO <sub>3</sub> /Nb–SrTiO <sub>3</sub> heterostructures. <i>Solid State Communications</i> , 2014, 199, 39-42.	2.3	8

#	ARTICLE	IF	CITATIONS
217	Space-Charge-Mediated Anomalous Ferroelectric Switching in P(VDF-TrEE) Polymer Films. ACS Applied Materials & Interfaces, 2014, 6, 19057-19063.	8.0	14
218	Surfactant-Thermal Syntheses, Structures, and Magnetic Properties of Mn-Ge-Sulfides/Selenides. Inorganic Chemistry, 2014, 53, 10248-10256.	4.6	45
219	Temperature-dependent excitonic photoluminescence of hybrid organometal halide perovskite films. Physical Chemistry Chemical Physics, 2014, 16, 22476-22481.	2.7	524
220	Wavelength-Tuned Light Emission via Modifying the Band Edge Symmetry: Doped SnO <sub>2</sub> as an Example. Journal of Physical Chemistry C, 2014, 118, 6365-6371.	3.1	31
221	Surfactant Media To Grow New Crystalline Cobalt 1,3,5-Benzenetricarboxylate Metal-Organic Frameworks. Inorganic Chemistry, 2014, 53, 8529-8537.	4.6	154
222	Epitaxy-Enabled Vapor-Liquid-Solid Growth of Tin-Doped Indium Oxide Nanowires with Controlled Orientations. Nano Letters, 2014, 14, 4342-4351.	8.7	41
223	Prediction of giant magnetoelectric effect in LaMnO <sub>3</sub> /BaTiO <sub>3</sub> /SrMnO <sub>3</sub> superlattice: The role of n-type SrMnO <sub>3</sub> /LaMnO <sub>3</sub> interface. Journal of Applied Physics, 2014, 116, .	2.0	11
224	Dominant Factor Determining the Conduction-Type of Nitrogen-Doped ZnO Film. Journal of Nanoscience and Nanotechnology, 2014, 14, 3813-3816.	0.6	1
225	Long-range electronic reconstruction to a dx <sub>z</sub> ,y <sub>z</sub> -dominated Fermi surface below the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> interface. Scientific Reports, 2014, 4, .	3.4	11
226	Universal Ferroelectric Switching Dynamics of Vinylidene Fluoride-trifluoroethylene Copolymer Films. Scientific Reports, 2014, 4, .	3.4	179
227	Room temperature positive magnetoresistance via charge trapping in polyaniline-iron oxide nanoparticle composites. Applied Physics Letters, 2013, 103, .	3.0	5
228	Photoinduced phase transition and relaxation in bare SrTiO <sub>3</sub> single crystals. Journal of Applied Physics, 2013, 114, .	2.0	17
229	Emergent ferromagnetism in ZnO/Al <sub>2</sub> O <sub>3</sub> core-shell nanowires: Towards oxide spinterfaces. Applied Physics Letters, 2013, 103, 022402.	3.0	63
230	Investigation of the conversion mechanism of nanosized CoF <sub>2</sub> . Electrochimica Acta, 2013, 107, 301-312.	5.3	66
231	Exciton Localization and Optical Properties Improvement in Nanocrystal-Embedded ZnO Core-Shell Nanowires. Nano Letters, 2013, 13, 734-739.	8.7	97
232	Tuning metal-carboxylate coordination in crystalline metal-organic frameworks through surfactant media. Journal of Solid State Chemistry, 2013, 206, 27-31.	3.3	138
233	Bandgap engineering of Cu <sub>2</sub> CdxZn <sub>1-x</sub> SnS <sub>4</sub> alloy for photovoltaic applications: A complementary experimental and first-principles study. Journal of Applied Physics, 2013, 114, .	2.0	96
234	A surfactant-thermal method to prepare four new three-dimensional heterometal-organic frameworks. Dalton Transactions, 2013, 42, 11367.	3.0	128

#	ARTICLE	IF	CITATIONS
235	Anisotropic surface strain in single crystalline cobalt nanowires and its impact on the diameter-dependent Young's modulus. <i>Nanoscale</i> , 2013, 5, 11643.	5.0	17
236	Growing Crystalline Chalcogenidoarsenates in Surfactants: From Zero-Dimensional Cluster to Three-Dimensional Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 1256-1259.	15.0	282
237	Exchange coupling and coercivity enhancement in cuprate/manganite bilayers. <i>Applied Physics Letters</i> , 2013, 102, .	3.0	25
238	Interfacial spin glass state and exchange bias in manganite bilayers with competing magnetic orders. <i>Physical Review B</i> , 2013, 87, .	3.4	150
239	Effect of charge compensation on the photoelectrochemical properties of Ho-doped SrTiO <sub>3</sub> films. <i>Applied Physics Letters</i> , 2013, 102, .	3.0	21
240	A Versatile Light-Switchable Nanorod Memory: Wurtzite ZnO on Perovskite SrTiO <sub>3</sub> . <i>Advanced Functional Materials</i> , 2013, 23, 4977-4984.	17.0	168
241	Origin of green emission and charge trapping dynamics in ZnO nanowires. <i>Physical Review B</i> , 2013, 87, .	3.4	75
242	Density-Controlled Synthesis of Uniform ZnO Nanowires: Wide-Range Tunability and Growth Regime Transition. <i>Small</i> , 2013, 9, 2069-2075.	11.5	13
243	Electrostatic tuning of Kondo effect in a rare-earth-doped wide-band-gap oxide. <i>Physical Review B</i> , 2013, 87, .	3.4	52
244	Polarization enhancement and ferroelectric switching enabled by interacting magnetic structures in DyMnO <sub>3</sub> thin films. <i>Scientific Reports</i> , 2013, 3, .	3.4	42
245	Complementary Charge Trapping and Ionic Migration in Resistive Switching of Rare-Earth Manganite TbMnO <sub>3</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 1213-1217.	8.0	94
246	Anomalous exchange bias at collinear/noncollinear spin interface. <i>Scientific Reports</i> , 2013, 3, .	3.4	44
247	Self-powered ultraviolet photovoltaic effects based on metal/SrTiO <sub>3</sub> Schottky junctions. <i>Europhysics Letters</i> , 2013, 103, 57007.	1.8	5
248	Nonvolatile Resistive Switching in Pt/LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Heterostructures. <i>Physical Review X</i> , 2013, 3, .	11.8	55
249	Experimental and first-principles study of ferromagnetism in Mn-doped zinc stannate nanowires. <i>Journal of Applied Physics</i> , 2013, 114, .	2.0	7
250	Suppression of photovoltaic effect by magnetic field in Pr <sub>0.65</sub> (Ca <sub>0.75</sub> Sr <sub>0.25</sub> ) <sub>0.35</sub> MnO <sub>3</sub> /Nb:SrTiO <sub>3</sub> heterostructure. <i>Applied Physics Letters</i> , 2013, 103, .	3.0	11
251	Anisotropic magnetoresistance and weak spin-orbital coupling in doped ZnO thin films. <i>Applied Physics Letters</i> , 2012, 100, .	3.0	14
252	Dependence of negative differential resistance on electronic phase separation in unpatterned manganite films. <i>Applied Physics Letters</i> , 2012, 100, .	3.0	17

#	ARTICLE	IF	CITATIONS
253	High sensitivity low field magnetically gated resistive switching in CoFe <sub>2</sub> O <sub>4</sub> /La <sub>0.66</sub> Sr <sub>0.34</sub> MnO <sub>3</sub> heterostructure. <i>Applied Physics Letters</i> , 2012, 100, .	3.0	37
254	Ultraviolet photovoltaic effect in BiFeO <sub>3</sub> /Nb-SrTiO <sub>3</sub> heterostructure. <i>Journal of Applied Physics</i> , 2012, 112, .	2.0	11
255	Engineering magnetic domains in manganite thin films by laser interference. <i>Applied Physics Letters</i> , 2012, 100, .	3.0	11
256	Tunable photovoltaic effect and solar cell performance of self-doped perovskite SrTiO <sub>3</sub> . <i>AIP Advances</i> , 2012, 2, .	1.2	32
257	Effect of annealing on the temperature-dependent dielectric properties of LaAlO <sub>3</sub> at terahertz frequencies. <i>AIP Advances</i> , 2012, 2, .	1.2	8
258	Tailoring the charge carrier dynamics in ZnO nanowires: the role of surface hole/electron traps. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3075.	2.7	59
259	Seeded growth of two-dimensional dendritic gold nanostructures. <i>Chemical Communications</i> , 2012, 48, 1440-1442.	3.4	30
260	Intrinsic domain-wall resistivity in half-metallic manganite thin films. <i>Physical Review B</i> , 2012, 86, .	3.4	15
261	In situ formation of new organic ligands to construct two novel self-charge-transfer Pb(ii)-based frameworks. <i>CrystEngComm</i> , 2012, 14, 75-78.	2.4	22
262	Mechanism of Polarization Fatigue in BiFeO <sub>3</sub> . <i>ACS Nano</i> , 2012, 6, 8997-9004.	15.3	81
263	Role of donor-acceptor complexes and impurity band in stabilizing ferromagnetic order in Cu-doped SnO <sub>2</sub> thin films. <i>Applied Physics Letters</i> , 2012, 100, .	3.0	75
264	Phase Selection Enabled Formation of Abrupt Axial Heterojunctions in Branched Oxide Nanowires. <i>Nano Letters</i> , 2012, 12, 275-280.	8.7	29
265	Robust Room-Temperature Ferromagnetism with Giant Anisotropy in Nd-Doped ZnO Nanowire Arrays. <i>Nano Letters</i> , 2012, 12, 3994-4000.	8.7	164
266	Realizing a SnO <sub>2</sub> -based ultraviolet light-emitting diode via breaking the dipole-forbidden rule. <i>NPG Asia Materials</i> , 2012, 4, e30-e30.	7.4	150
267	Domain-related origin of magnetic relaxation in compressively strained manganite thin films. <i>Applied Physics Letters</i> , 2012, 101, .	3.0	18
268	Electric field driven phase transition and possible twinning quasi-tetragonal phase in compressively strained BiFeO <sub>3</sub> thin films. <i>Frontiers of Physics</i> , 2012, 7, 424-428.	4.3	4
269	Deterministic conversion between memory and threshold resistive switching via tuning the strong electron correlation. <i>Scientific Reports</i> , 2012, 2, .	3.4	125
270	Dye-sensitized solar cell with a pair of carbon-based electrodes. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 165103.	2.9	51

#	ARTICLE	IF	CITATIONS
271	Symmetrical Negative Differential Resistance Behavior of a Resistive Switching Device. ACS Nano, 2012, 6, 2517-2523.	15.3	112
272	Ferromagnetic interaction between Cu ions in the bulk region of Cu-doped ZnO nanowires. Physical Review B, 2011, 84, .	3.4	51
273	Buffer-Layer-Assisted Epitaxial Growth of Perfectly Aligned Oxide Nanorod Arrays in Solution. Crystal Growth and Design, 2011, 11, 4885-4891.	3.4	17
274	Evidence of cation vacancy induced room temperature ferromagnetism in Li-N codoped ZnO thin films. Applied Physics Letters, 2011, 99, .	3.0	47
275	Ultra-sensitive and wide-dynamic-range sensors based on dense arrays of carbon nanotube tips. Nanoscale, 2011, 3, 4854.	5.0	34
276	Charge transfer dynamics in Cu-doped ZnO nanowires. Applied Physics Letters, 2011, 98, .	3.0	61
277	Defects-Mediated Energy Transfer in Red-Light-Emitting Eu-Doped ZnO Nanowire Arrays. Journal of Physical Chemistry C, 2011, 115, 22729-22735.	3.1	148
278	Dye-sensitized solar cell with a titanium-oxide-modified carbon nanotube transparent electrode. Applied Physics Letters, 2011, 99, .	3.0	71
279	Room temperature ferromagnetism in partially hydrogenated epitaxial graphene. Applied Physics Letters, 2011, 98, .	3.0	130
280	Polaronic transport and magnetism in Ag-doped ZnO. Applied Physics Letters, 2011, 99, 222511.	3.0	59
281	Switching magnetoresistance in vertically interfaced Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> grown on ZnO nanowires. Applied Physics Letters, 2011, 99, 103102.	3.0	4
282	Metal-layer-assisted coalescence of Au nanoparticles and its effect on diameter control in vapor-liquid-solid growth of oxide nanowires. Physical Review B, 2011, 83, .	3.4	32
283	Defect-induced magnetism in undoped wide band gap oxides: Zinc vacancies in ZnO as an example. AIP Advances, 2011, 1, .	1.2	184
284	Sb doping behavior and its effect on crystal structure, conductivity and photoluminescence of ZnO film in depositing and annealing processes. Journal of Alloys and Compounds, 2011, 509, 5426-5430.	6.0	44
285	Nanoscale semiconductor-insulator-metal core/shell heterostructures: facile synthesis and light emission. Nanoscale, 2011, 3, 3170.	5.0	20
286	Interface-dependent rectifying TbMnO <sub>3</sub> -based heterojunctions. AIP Advances, 2011, 1, .	1.2	25
287	Coexistence of ferroelectric triclinic phases in highly strained BiFeO <sub>3</sub> films. Physical Review B, 2011, 84, .	3.4	106
288	Enhanced Electrical Conductivity of Individual Conducting Polymer Nanobelts. Small, 2011, 7, 1949-1953.	11.5	38

#	ARTICLE	IF	CITATIONS
289	Toroidal Micelles of Polystyrene- <i>b</i> -Poly(acrylic acid). <i>Small</i> , 2011, 7, 2721-2726.	11.5	62
290	Low-Symmetry Monoclinic Phases and Polarization Rotation Path Mediated by Epitaxial Strain in Multiferroic BiFeO <sub>3</sub> Thin Films. <i>Advanced Functional Materials</i> , 2011, 21, 133-138.	17.0	246
291	A new hydrazine-bridged thioantimonate Mn <sub>2</sub> Sb <sub>4</sub> S <sub>8</sub> (N <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> : Synthesis, structure, optical and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2011, 14, 884-888.	4.8	43
292	A SIMS study on Mg diffusion in Zn <sub>0.94</sub> Mg <sub>0.06</sub> O/ZnO heterostructures grown by metal organic chemical vapor deposition. <i>Applied Surface Science</i> , 2011, 257, 8629-8633.	6.7	13
293	Tuning magnetoresistance and exchange coupling in ZnO by doping transition metals. <i>Applied Physics Letters</i> , 2011, 99, 222503.	3.0	52
294	Evolution of magnetic bubble domains in manganite films. <i>Applied Physics Letters</i> , 2011, 99, .	3.0	40
295	Uniaxial tensile strain and exciton-phonon coupling in bent ZnO nanowires. <i>Applied Physics Letters</i> , 2011, 98, .	3.0	46
296	Thickness-dependent magnetism and spin-glass behaviors in compressively strained BiFeO <sub>3</sub> thin films. <i>Applied Physics Letters</i> , 2011, 98, .	3.0	75
297	Motion of Micrometer Sized Spherical Particles Exposed to a Transient Radial Flow: Attraction, Repulsion, and Rotation. <i>Physical Review Letters</i> , 2011, 107, .	8.2	45
298	Giant in-plane anisotropy in manganite thin films driven by strain-engineered double exchange interaction and electronic phase separation. <i>Applied Physics Letters</i> , 2011, 99, .	3.0	15
299	Bound magnetic polarons and p-d exchange interaction in ferromagnetic insulating Cu-doped ZnO. <i>Applied Physics Letters</i> , 2011, 98, .	3.0	122
300	Enhanced low field magnetoresistance in nanocrystalline La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> synthesized on MgO nanowires. <i>Applied Physics Letters</i> , 2010, 96, .	3.0	24
301	Tuning ferromagnetism in Mg <sub>x</sub> Zn <sub>1-x</sub> O thin films by band gap and defect engineering. <i>Applied Physics Letters</i> , 2010, 97, .	3.0	90
302	Self-Assembled In-Plane Growth of Mg <sub>2</sub> SiO <sub>4</sub> Nanowires on Si Substrates Catalyzed by Au Nanoparticles. <i>Advanced Functional Materials</i> , 2010, 20, 2511-2518.	17.0	22
303	Uniaxial Magnetic Anisotropy in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Thin Films Induced by Multiferroic BiFeO <sub>3</sub> with Striped Ferroelectric Domains. <i>Advanced Materials</i> , 2010, 22, 4964-4968.	24.5	54
304	Hydrazine-hydrothermal method to synthesize three-dimensional chalcogenide framework for photocatalytic hydrogen generation. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2644-2649.	3.3	132
305	Spontaneous and stimulated emission of asymmetric double quantum wells. <i>Superlattices and Microstructures</i> , 2010, 48, 485-490.	4.7	10
306	Correlated d ferromagnetism and photoluminescence in undoped ZnO nanowires. <i>Applied Physics Letters</i> , 2010, 96, .	3.0	236

#	ARTICLE	IF	CITATIONS
307	Tunable Magnetic Interaction at the Atomic Scale in Oxide Heterostructures. <i>Physical Review Letters</i> , 2010, 105, .	8.2	34
308	Ultraviolet light emission and excitonic fine structures in ultrathin single-crystalline indium oxide nanowires. <i>Applied Physics Letters</i> , 2010, 96, .	3.0	46
309	Rayleigh-instability-driven simultaneous morphological and compositional transformation from Co nanowires to CoO octahedra. <i>Applied Physics Letters</i> , 2010, 97, .	3.0	46
310	Low symmetry monoclinic MC phase in epitaxial BiFeO <sub>3</sub> thin films on LaSrAlO <sub>4</sub> substrates. <i>Applied Physics Letters</i> , 2010, 97, .	3.0	49
311	Synthesis, characterization and opto-electrical properties of ternary Zn <sub>2</sub> SnO <sub>4</sub> nanowires. <i>Nanotechnology</i> , 2010, 21, 465706.	2.6	60
312	Sb <sub>2</sub> Te <sub>3</sub> Nanoparticles with Enhanced Seebeck Coefficient and Low Thermal Conductivity. <i>Chemistry of Materials</i> , 2010, 22, 3086-3092.	6.7	91
313	Nanoscale resistive switching and filamentary conduction in NiO thin films. <i>Applied Physics Letters</i> , 2010, 97, .	3.0	41
314	Controlled Manipulation and in Situ Mechanical Measurement of Single Co Nanowire with a Laser-Induced Cavitation Bubble. <i>Nano Letters</i> , 2010, 10, 3846-3851.	8.7	28
315	CrSi <sub>2</sub> Hexagonal Nanowebbs. <i>Journal of the American Chemical Society</i> , 2010, 132, 15875-15877.	15.0	35
316	Investigation of Structured Green-Band Emission and Electron-Phonon Interactions in Vertically Aligned ZnO Nanowires. <i>Journal of Physical Chemistry C</i> , 2010, 114, 17889-17893.	3.1	30
317	Aminosilane Micropatterns on Hydroxyl-Terminated Substrates: Fabrication and Applications. <i>Langmuir</i> , 2010, 26, 5603-5609.	3.6	105
318	Random lasing action of randomly assembled ZnO Nanowires with MgO coating. <i>Optics Express</i> , 2010, 18, 13647.	3.0	25
319	Electroluminescence from n-In <sub>2</sub> O <sub>3</sub> :Sn randomly assembled nanorods/p-SiC heterojunction. <i>Optics Express</i> , 2010, 18, 15585.	3.0	11
320	Hotspot-Induced Transformation of Surface-Enhanced Raman Scattering Fingerprints. <i>ACS Nano</i> , 2010, 4, 3087-3094.	15.3	209
321	Scalable Routes to Janus Au-SiO <sub>2</sub> and Ternary Ag-Au-SiO <sub>2</sub> Nanoparticles. <i>Chemistry of Materials</i> , 2010, 22, 3826-3828.	6.7	177
322	Manipulation and Microrheology of Carbon Nanotubes with Laser-Induced Cavitation Bubbles. <i>Physical Review Letters</i> , 2010, 104, .	8.2	41
323	Photoluminescence characteristics of high quality ZnO nanowires and its enhancement by polymer covering. <i>Applied Physics Letters</i> , 2010, 96, .	3.0	128
324	A Template and Catalyst-Free Metal-Etching-Oxidation Method to Synthesize Aligned Oxide Nanowire Arrays: NiO as an Example. <i>ACS Nano</i> , 2010, 4, 4785-4791.	15.3	47

#	ARTICLE	IF	CITATIONS
325	Superconducting gap induced barrier enhancement in a BiFeO <sub>3</sub> -based heterostructure. Applied Physics Letters, 2010, 97, .	3.0	25
326	Shape-Controlled Fabrication of Micro/Nanoscale Triangle, Square, Wire-like, and Hexagon Pits on Silicon Substrates Induced by Anisotropic Diffusion and Silicide Sublimation. ACS Nano, 2010, 4, 2901-2909.	15.3	23
327	Electrode dependence of resistive switching in Mn-doped ZnO: Filamentary versus interfacial mechanisms. Applied Physics Letters, 2010, 96, .	3.0	184
328	High temperature excitonic lasing characteristics of randomly assembled SnO <sub>2</sub> nanowires. Applied Physics Letters, 2009, 95, .	3.0	16
329	Strong correlation between ferromagnetism and oxygen deficiency in Cr-doped In <sub>2</sub> O <sub>3</sub> nanostructures. Physical Review B, 2009, 79, .	3.4	162
330	Influence of thin metal nanolayers on the photodetective properties of ZnO thin films. Journal of Applied Physics, 2009, 106, 083110.	2.0	34
331	Abnormal blueshift of UV emission in single-crystalline ZnO nanowires. Journal of Luminescence, 2009, 129, 996-999.	3.5	32
332	The characterization and application of p-type semiconducting mesoporous carbon nanofibers. Carbon, 2009, 47, 1841-1845.	10.7	32
333	Chlorine-Assisted Size-Controlled Synthesis and Tunable Photoluminescence in Cr-Doped Silica Nanospheres. Journal of Physical Chemistry C, 2009, 113, 7065-7068.	3.1	28
334	Ferroelectric Transistors with Nanowire Channel: Toward Nonvolatile Memory Applications. ACS Nano, 2009, 3, 700-706.	15.3	93
335	Ultraviolet coherent random lasing in randomly assembled SnO <sub>2</sub> nanowires. Applied Physics Letters, 2009, 94, .	3.0	51
336	Simple and rapid synthesis of ultrathin gold nanowires, their self-assembly and application in surface-enhanced Raman scattering. Chemical Communications, 2009, , 1984.	3.4	257
337	Characteristics of ultraviolet photoluminescence from high quality tin oxide nanowires. Applied Physics Letters, 2009, 95, 061908.	3.0	76
338	Nonvolatile resistive switching in spinel ZnMn <sub>2</sub> O <sub>4</sub> and ilmenite ZnMnO <sub>3</sub> . Applied Physics Letters, 2009, 95, .	3.0	72
339	p-type electrical, photoconductive, and anomalous ferromagnetic properties of Cu <sub>2</sub> O nanowires. Applied Physics Letters, 2009, 94, .	3.0	100
340	Stress relaxation of La <sub>1/2</sub> Sr <sub>1/2</sub> MnO <sub>3</sub> and La <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> at solid oxide fuel cell interfaces. Thin Solid Films, 2008, 516, 880-884.	1.9	35
341	Comparative Study of Room-Temperature Ferromagnetism in Cu-Doped ZnO Nanowires Enhanced by Structural Inhomogeneity. Advanced Materials, 2008, 20, 3521-3527.	24.5	221
342	Superconductivity at 43 K in SmFeAsO <sub>1-x</sub> F <sub>x</sub> . Nature, 2008, 453, 761-762.	37.9	1,630

#	ARTICLE	IF	CITATIONS
343	Polymer-Encapsulated Gold-Nanoparticle Dimers: Facile Preparation and Catalytical Application in Guided Growth of Dimeric ZnO-Nanowires. Nano Letters, 2008, 8, 2643-2647.	8.7	163
344	Self-Assembled Shape- and Orientation-Controlled Synthesis of Nanoscale Cu <sub>3</sub> Si Triangles, Squares, and Wires. Nano Letters, 2008, 8, 3205-3210.	8.7	61
345	Cu-Doped ZnO Nanoneedles and Nanonails: Morphological Evolution and Physical Properties. Journal of Physical Chemistry C, 2008, 112, 9579-9585.	3.1	197
346	Effect of pressure on the superconducting and spin-density-wave states of SmFeAsO <sub>1-x</sub> F <sub>x</sub> . Physical Review B, 2008, 78, .	3.4	77
347	dc leakage behavior and conduction mechanism in (BiFeO <sub>3</sub> ) <sub>m</sub> (SrTiO <sub>3</sub> ) <sub>m</sub> superlattices. Applied Physics Letters, 2008, 92, .	3.0	43
348	Manganite thin film/ZnO nanowire (nanosheets) p-n junctions. Applied Physics Letters, 2008, 92, 103113.	3.0	29
349	Tunable wettability in surface-modified ZnO-based hierarchical nanostructures. Applied Physics Letters, 2008, 92, .	3.0	72
350	Tunable transport properties of n-type ZnO nanowires by Ti plasma immersion ion implantation. Journal of Applied Physics, 2008, 104, .	2.0	13
351	Novel approaches to field modulation of electronic and magnetic properties of oxides. Philosophical Magazine Letters, 2007, 87, 279-292.	1.1	11
352	Controlling the Growth Mechanism of ZnO Nanowires by Selecting Catalysts. Journal of Physical Chemistry C, 2007, 111, 17500-17505.	3.1	113
353	Observation of magnetoelectric effect in epitaxial ferroelectric film/manganite crystal heterostructures. Physical Review B, 2006, 73, .	3.4	94
354	Creation and annihilation of conducting filaments in mesoscopic manganite structures. Physical Review B, 2006, 74, .	3.4	54
355	Spontaneous sharp metamagnetic transition in manganite films: influences of post-deposition annealing and measurement protocol. Journal of Magnetism and Magnetic Materials, 2005, 292, 25-36.	2.7	14
356	Enhanced magnetoresistance in strain-free manganite network. Applied Physics Letters, 2005, 86, 062502.	3.0	22
357	Negative differential resistance in mesoscopic manganite structures. Applied Physics Letters, 2005, 86, 252505.	3.0	38
358	Are strain-induced effects truly strain induced? A comprehensive study of strained LCMO thin films. Journal of Applied Physics, 2005, 97, 10C102.	2.0	31
359	Multiferroic composite ferroelectric-ferromagnetic films. Applied Physics Letters, 2005, 87, 232908.	3.0	65
360	Optically controlled electroabsorption modulators for unconstrained wavelength conversion. Applied Physics Letters, 2004, 84, 469-471.	3.0	25

#	ARTICLE	IF	CITATIONS
361	Magnetization steps in manganite films: Time delay of the metamagnetic transition. <i>Physical Review B</i> , 2004, 69, .	3.4	58
362	Substrate induced strain effects in epitaxial $\text{La}_{0.67}\text{Pr}_x\text{Ca}_{0.33}\text{MnO}_3$ thin films. <i>Journal of Applied Physics</i> , 2003, 93, 5507-5513.	2.0	51
363	Insulator-metal transition and magnetoresistance of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_y$ induced by tuning the oxygen content. <i>Journal of Applied Physics</i> , 2002, 92, 5391-5394.	2.0	10
364	Optical Cooper pair breaking spectroscopy of $\text{YBa}_2\text{Cu}_{2.8}\text{Zn}_{0.2}\text{O}_{7-x}$ thin films. <i>Superconductor Science and Technology</i> , 2002, 15, 468-471.	4.1	1
365	Electrical transport and magnetic properties of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ with varying oxygen content. <i>Physical Review B</i> , 2002, 65, .	3.4	40
366	Title is missing!. <i>Journal of Electroceramics</i> , 2002, 8, 233-241.	2.0	27
367	Electroresistance and Electronic Phase Separation in Mixed-Valent Manganites. <i>Physical Review Letters</i> , 2001, 86, 5998-6001.	8.2	260
368	Optical Cooper pair breaking spectroscopy of cuprate superconductors. <i>Physical Review B</i> , 2001, 63, .	3.4	11
369	Spin-polarized transport across a $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ interface: Role of Andreev bound states. <i>Physical Review B</i> , 2001, 63, .	3.4	66
370	Deposition and Electrical Characterization of Dielectric/Ferromagnetic Heterostructure. <i>Materials Research Society Symposia Proceedings</i> , 2000, 602, .	0.1	0
371	Electrical transport and magnetic properties of a possible electron-doped layered manganese oxide. <i>Physical Review B</i> , 2000, 61, 4141-4145.	3.4	5
372	Spin-polarized quasiparticle injection into YBCO. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 3640-3643.	1.5	2
373	Linking Phase Segregation and Photovoltaic Performance of Mixed-Halide Perovskite Films through Grain Size Engineering. <i>ACS Energy Letters</i> , 0, , 1649-1658.	17.0	49
374	Realization of High Magnetization in Artificially Designed Ni/NiO Layers through Exchange Coupling. <i>Small</i> , 0, 20, .	11.5	5
375	Multi-Interface Engineering of MXenes for Self-Powered Wearable Devices. <i>Advanced Materials</i> , 0, 36, .	24.5	47
376	Fluorinated Pseudo-Halide Anion Enables >19% Efficiency and Durable Perovskite Quantum Dot Solar Cells. <i>Advanced Materials</i> , 0, 37, .	24.5	2
377	Layer-by-Layer Assembled Perovskite/Polymer Photoelectrochemical Devices with Enhanced Performance and Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 0, 17, 50573-50582.	8.0	2
378	Bidirectional functionality of a modified $\langle \text{PCBM} \rangle$ layer: Enhancing perovskite photovoltaics beyond single-bandgap devices. <i>Information Materials</i> , 0, 7, .	20.8	0

#	ARTICLE	IF	CITATIONS
379	Synergistic Effect of Hydrophilic Layers for Moisture-Introduced Hybrid Power Generation. <i>Advanced Materials</i> , 0, 38, .	24.5	1
380	Polarize the Solvent to Regulate the Intermediate Phase and Dynamic Crystallization of Perovskite Films. <i>Advanced Materials</i> , 0, 38, .	24.5	0