

Tuo Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7115101/publications.pdf>

Version: 2024-02-01

121
papers

13,294
citations

24978

57
h-index

22102

113
g-index

132
all docs

132
docs citations

132
times ranked

14394
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ photo-reduction: insights into CO ₂ activation and reaction on surfaces of photocatalysts. Energy and Environmental Science, 2016, 9, 2177-2196.	15.6	1,488
2	Enhanced Surface Reaction Kinetics and Charge Separation of In Heterojunction Co ₃ O ₄ /BiVO ₄ Photoanodes. Journal of the American Chemical Society, 2015, 137, 8356-8359.	6.6	767
3	Sub-10 nm rutile titanium dioxide nanoparticles for efficient visible-light-driven photocatalytic hydrogen production. Nature Communications, 2015, 6, 5881.	5.8	653
4	Tungsten Oxide Single Crystal Nanosheets for Enhanced Multichannel Solar Light Harvesting. Advanced Materials, 2015, 27, 1580-1586.	11.1	436
5	Mechanistic Understanding of the Plasmonic Enhancement for Solar Water Splitting. Advanced Materials, 2015, 27, 5328-5342.	11.1	373
6	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO ₂ Photoelectrodes. Angewandte Chemie - International Edition, 2018, 57, 5278-5282.	7.2	365
7	Grain-Boundary-Rich Copper for Efficient Solar-Driven Electrochemical CO ₂ Reduction to Ethylene and Ethanol. Journal of the American Chemical Society, 2020, 142, 6878-6883.	6.6	270
8	Effective Charge Carrier Utilization in Photocatalytic Conversions. Accounts of Chemical Research, 2016, 49, 911-921.	7.6	266
9	Controllable synthesis of nanotube-type graphitic C ₃ N ₄ and their visible-light photocatalytic and fluorescent properties. Journal of Materials Chemistry A, 2014, 2, 2885.	5.2	265
10	Rational design of yolk-shell nanostructures for photocatalysis. Chemical Society Reviews, 2019, 48, 1874-1907.	18.7	254
11	Surface, Bulk, and Interface: Rational Design of Hematite Architecture toward Efficient Photo-Electrochemical Water Splitting. Advanced Materials, 2018, 30, e1707502.	11.1	248
12	Dendritic Au/TiO ₂ nanorod arrays for visible-light driven photoelectrochemical water splitting. Nanoscale, 2013, 5, 9001.	2.8	243
13	Gradient doping of phosphorus in Fe ₂ O ₃ nanoarray photoanodes for enhanced charge separation. Chemical Science, 2017, 8, 91-100.	3.7	231
14	Crucial Role of Surface Hydroxyls on the Activity and Stability in Electrochemical CO ₂ Reduction. Journal of the American Chemical Society, 2019, 141, 2911-2915.	6.6	217
15	Selective Deposition of Ag ₃ PO ₄ on Monoclinic BiVO ₄ (040) for Highly Efficient Photocatalysis. Small, 2013, 9, 3951-3956.	5.2	215
16	Monoclinic Porous BiVO ₄ Networks Decorated by Discrete g-C ₃ N ₄ Nanoislands with Tunable Coverage for Highly Efficient Photocatalysis. Small, 2014, 10, 2783-2790.	5.2	209
17	Controllable fabrication of nanostructured materials for photoelectrochemical water splitting via atomic layer deposition. Chemical Society Reviews, 2014, 43, 7469-7484.	18.7	206
18	The Development of Cocatalysts for Photoelectrochemical CO ₂ Reduction. Advanced Materials, 2019, 31, e1804710.	11.1	202

#	ARTICLE	IF	CITATIONS
19	Propane dehydrogenation over Pt–Cu bimetallic catalysts: the nature of coke deposition and the role of copper. <i>Nanoscale</i> , 2014, 6, 10000-10008.	2.8	191
20	Synergistic Cocatalytic Effect of Carbon Nanodots and Co ₃ O ₄ Nanoclusters for the Photoelectrochemical Water Oxidation on Hematite. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5851-5855.	7.2	187
21	Nano-designed semiconductors for electro- and photoelectro-catalytic conversion of carbon dioxide. <i>Chemical Society Reviews</i> , 2018, 47, 5423-5443.	18.7	181
22	Tuning Cu/Cu ₂ O Interfaces for the Reduction of Carbon Dioxide to Methanol in Aqueous Solutions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15415-15419.	7.2	175
23	The nature of active sites for carbon dioxide electroreduction over oxide-derived copper catalysts. <i>Nature Communications</i> , 2021, 12, 395.	5.8	170
24	Enriched Surface Oxygen Vacancies of Photoanodes by Photoetching with Enhanced Charge Separation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2044-2048.	7.2	169
25	Controllable Cu ⁰ –Cu ⁺ Sites for Electrocatalytic Reduction of Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15344-15347.	7.2	167
26	Hydrogen Production via Glycerol Steam Reforming over Ni/Al ₂ O ₃ : Influence of Nickel Precursors. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1052-1062.	3.2	164
27	Monoclinic WO ₃ nanomultilayers with preferentially exposed (002) facets for photoelectrochemical water splitting. <i>Nano Energy</i> , 2015, 11, 189-195.	8.2	162
28	Stable Aqueous Photoelectrochemical CO ₂ Reduction by a Cu ₂ O Dark Cathode with Improved Selectivity for Carbonaceous Products. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8840-8845.	7.2	161
29	Single-crystal silicon-based electrodes for unbiased solar water splitting: current status and prospects. <i>Chemical Society Reviews</i> , 2019, 48, 2158-2181.	18.7	161
30	Reduced Graphene Oxide (rGO)/BiVO ₄ Composites with Maximized Interfacial Coupling for Visible Light Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2253-2258.	3.2	159
31	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13734-13738.	7.2	149
32	Dendritic Hematite Nanoarray Photoanode Modified with a Conformal Titanium Dioxide Interlayer for Effective Charge Collection. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12878-12882.	7.2	143
33	Glycerol steam reforming over perovskite-derived nickel-based catalysts. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 277-285.	10.8	141
34	Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4150-4155.	7.2	132
35	Au nanoparticle sensitized ZnO nanopencil arrays for photoelectrochemical water splitting. <i>Nanoscale</i> , 2015, 7, 77-81.	2.8	131
36	Spatial separation of oxidation and reduction co-catalysts for efficient charge separation: Pt@TiO ₂ @MnO _x hollow spheres for photocatalytic reactions. <i>Chemical Science</i> , 2016, 7, 890-895.	3.7	130

#	ARTICLE	IF	CITATIONS
37	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO ₂ to Methanol. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3804-3808.	7.2	126
38	Enhanced Charge Separation through ALD-Modified Fe ₂ O ₃ /Fe ₂ TiO ₅ Nanorod Heterojunction for Photoelectrochemical Water Oxidation. <i>Small</i> , 2016, 12, 3415-3422.	5.2	124
39	Single-Crystal Semiconductors with Narrow Band Gaps for Solar Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10718-10732.	7.2	123
40	Homogeneous Cu ₂ O p-n junction photocathodes for solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2018, 226, 31-37.	10.8	121
41	Spatial control of cocatalysts and elimination of interfacial defects towards efficient and robust CIGS photocathodes for solar water splitting. <i>Energy and Environmental Science</i> , 2018, 11, 2025-2034.	15.6	114
42	Photoelectrochemical CO ₂ reduction to adjustable syngas on grain-boundary-mediated a-Si/TiO ₂ /Au photocathodes with low onset potentials. <i>Energy and Environmental Science</i> , 2019, 12, 923-928.	15.6	114
43	Gold Nanorod@TiO ₂ Yolk-Shell Nanostructures for Visible-Light-Driven Photocatalytic Oxidation of Benzyl Alcohol. <i>Small</i> , 2015, 11, 1892-1899.	5.2	109
44	Efficient CO ₂ electroreduction on facet-selective copper films with high conversion rate. <i>Nature Communications</i> , 2021, 12, 5745.	5.8	108
45	WO ₃ photoanodes with controllable bulk and surface oxygen vacancies for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3350-3354.	5.2	100
46	Mesoporous anatase TiO ₂ nanocups with plasmonic metal decoration for highly active visible-light photocatalysis. <i>Chemical Communications</i> , 2013, 49, 5817.	2.2	99
47	Understanding electronic and optical properties of anatase TiO ₂ photocatalysts co-doped with nitrogen and transition metals. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9549.	1.3	93
48	Tunable syngas production from photocatalytic CO ₂ reduction with mitigated charge recombination driven by spatially separated cocatalysts. <i>Chemical Science</i> , 2018, 9, 5334-5340.	3.7	89
49	Current Mechanistic Understanding of Surface Reactions over Water-Splitting Photocatalysts. <i>Chem</i> , 2018, 4, 223-245.	5.8	87
50	Two-dimensional gersiloxenes with tunable bandgap for photocatalytic H ₂ evolution and CO ₂ photoreduction to CO. <i>Nature Communications</i> , 2020, 11, 1443.	5.8	84
51	Facile synthesis of ZnO nanopencil arrays for photoelectrochemical water splitting. <i>Nano Energy</i> , 2014, 7, 143-150.	8.2	79
52	Effects of Ga doping on Pt/CeO ₂ -Al ₂ O ₃ catalysts for propane dehydrogenation. <i>AIChE Journal</i> , 2016, 62, 4365-4376.	1.8	79
53	Bifacial passivation of n-silicon metal-insulator-semiconductor photoelectrodes for efficient oxygen and hydrogen evolution reactions. <i>Energy and Environmental Science</i> , 2020, 13, 221-228.	15.6	70
54	CeO ₂ -modified Au@SBA-15 nanocatalysts for liquid-phase selective oxidation of benzyl alcohol. <i>Nanoscale</i> , 2015, 7, 7593-7602.	2.8	67

#	ARTICLE	IF	CITATIONS
55	Fabrication of porous nanoflake BiMO _x (M = W, V, and Mo) photoanodes via hydrothermal anion exchange. <i>Chemical Science</i> , 2016, 7, 6381-6386.	3.7	65
56	Highly-oriented Fe ₂ O ₃ /ZnFe ₂ O ₄ nanocolumnar heterojunction with improved charge separation for photoelectrochemical water oxidation. <i>Chemical Communications</i> , 2016, 52, 9013-9015.	2.2	61
57	Multifunctional TiO ₂ overlayer for p-Si/n-CdS heterojunction photocathode with improved efficiency and stability. <i>Nano Energy</i> , 2018, 53, 125-129.	8.2	60
58	Selective oxidation of methanol to dimethoxymethane on V ₂ O ₅ –MoO ₃ /Al ₂ O ₃ catalysts. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 161-172.	10.8	59
59	Transparent ALD-grown Ta ₂ O ₅ protective layer for highly stable ZnO photoelectrode in solar water splitting. <i>Chemical Communications</i> , 2015, 51, 7290-7293.	2.2	54
60	Highly loaded Ni-based catalysts for low temperature ethanol steam reforming. <i>Nanoscale</i> , 2016, 8, 10177-10187.	2.8	54
61	A Low-Cost NiO Hole Transfer Layer for Ohmic Back Contact to Cu ₂ O for Photoelectrochemical Water Splitting. <i>Small</i> , 2017, 13, 1702007.	5.2	53
62	Alternative Strategies Toward Sustainable Ammonia Synthesis. <i>Transactions of Tianjin University</i> , 2020, 26, 67-91.	3.3	51
63	Enhancement of photoelectrochemical oxidation by an amorphous nickel boride catalyst on porous BiVO ₄ . <i>Nanoscale</i> , 2017, 9, 16133-16137.	2.8	50
64	Stable Aqueous Photoelectrochemical CO ₂ Reduction by a Cu ₂ O Dark Cathode with Improved Selectivity for Carbonaceous Products. <i>Angewandte Chemie</i> , 2016, 128, 8986-8991.	1.6	48
65	Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation. <i>Angewandte Chemie</i> , 2017, 129, 4214-4219.	1.6	48
66	Passivation of surface states by ALD-grown TiO ₂ overlayers on Ta ₃ N ₅ anodes for photoelectrochemical water oxidation. <i>Chemical Communications</i> , 2016, 52, 8806-8809.	2.2	45
67	Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO ₂ Photoelectrodes. <i>Angewandte Chemie</i> , 2018, 130, 5376-5380.	1.6	45
68	Bridging the transport pathway of charge carriers in a Ta ₃ N ₅ nanotube array photoanode for solar water splitting. <i>Nanoscale</i> , 2015, 7, 13153-13158.	2.8	44
69	Improved Oxygen Evolution Kinetics and Surface States Passivation of Ni-B i Co-Catalyst for a Hematite Photoanode. <i>Engineering</i> , 2017, 3, 285-289.	3.2	44
70	Synergistic Cocatalytic Effect of Carbon Nanodots and Co ₃ O ₄ Nanoclusters for the Photoelectrochemical Water Oxidation on Hematite. <i>Angewandte Chemie</i> , 2016, 128, 5945-5949.	1.6	42
71	A highly efficient photoelectrochemical H ₂ O ₂ production reaction with Co ₃ O ₄ as a co-catalyst. <i>Chemical Communications</i> , 2018, 54, 7026-7029.	2.2	42
72	Enriched Surface Oxygen Vacancies of Photoanodes by Photoetching with Enhanced Charge Separation. <i>Angewandte Chemie</i> , 2020, 132, 2060-2064.	1.6	41

#	ARTICLE	IF	CITATIONS
73	Atomic Layer Deposition of Lanthanum Stabilized Amorphous Hafnium Oxide Thin Films. <i>Chemistry of Materials</i> , 2009, 21, 3096-3101.	3.2	39
74	Steam reforming of ethanol over skeletal Ni-based catalysts: A temperature programmed desorption and kinetic study. <i>AIChE Journal</i> , 2014, 60, 635-644.	1.8	38
75	Multifunctional Nickel Film Protected n-Type Silicon Photoanode with High Photovoltage for Efficient and Stable Oxygen Evolution Reaction. <i>Small Methods</i> , 2019, 3, 1900212.	4.6	38
76	Hafnia: Energetics of thin films and nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	36
77	Achieving convenient CO ₂ electroreduction and photovoltage in tandem using potential-insensitive disordered Ag nanoparticles. <i>Chemical Science</i> , 2018, 9, 6599-6604.	3.7	34
78	Controllable Cu ⁰ -Cu ⁺ Sites for Electrocatalytic Reduction of Carbon Dioxide. <i>Angewandte Chemie</i> , 2021, 133, 15472-15475.	1.6	33
79	Tuning Cu/Cu ₂ O Interfaces for the Reduction of Carbon Dioxide to Methanol in Aqueous Solutions. <i>Angewandte Chemie</i> , 2018, 130, 15641-15645.	1.6	32
80	Pt-based core-shell nanocatalysts with enhanced activity and stability for CO oxidation. <i>Chemical Communications</i> , 2013, 49, 10647.	2.2	30
81	A Transparent, High-Performance, and Stable Sb ₂ S ₃ Photoanode Enabled by Heterojunction Engineering with Conjugated Polycarbazole Frameworks for Unbiased Photoelectrochemical Overall Water Splitting Devices. <i>Advanced Materials</i> , 2022, 34, e2200723.	11.1	30
82	Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts. <i>Angewandte Chemie</i> , 2016, 128, 13938-13942.	1.6	29
83	Controllable Distribution of Oxygen Vacancies in Grain Boundaries of p-Si/TiO ₂ Heterojunction Photocathodes for Solar Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4034-4037.	7.2	29
84	Construction of uniform buried pn junctions on pyramid Si photocathodes using a facile and safe spin-on method for photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 224-230.	5.2	28
85	Transparent Ta ₂ O ₅ Protective Layer for Stable Silicon Photocathode under Full Solar Spectrum. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5510-5515.	1.8	26
86	Double-Side Si Photoelectrode Enabled by Chemical Passivation for Photoelectrochemical Hydrogen and Oxygen Evolution Reactions. <i>Advanced Functional Materials</i> , 2021, 31, 2007222.	7.8	26
87	Zeolite growth by synergy between solution-mediated and solid-phase transformations. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14360.	5.2	25
88	Effect of bicarbonate on CO ₂ electroreduction over cathode catalysts. <i>Fundamental Research</i> , 2021, 1, 432-438.	1.6	25
89	Sacrificing nothing to reduce CO ₂ . <i>Nature Energy</i> , 2020, 5, 642-643.	19.8	22
90	Deep Learning Based Modulation Recognition With Multi-Cue Fusion. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1757-1760.	3.2	22

#	ARTICLE	IF	CITATIONS
91	Spatial decoupling of light absorption and reaction sites in n-Si photocathodes for solar water splitting. National Science Review, 2021, 8, nwaa293.	4.6	21
92	Selective oxidation of methanol to dimethoxymethane over V ₂ O ₅ /TiO ₂ –Al ₂ O ₃ catalysts. Science Bulletin, 2015, 60, 1009-1018.	4.3	20
93	Enhanced localized dipole of Pt-Au single-site catalyst for solar water splitting. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	17
94	Adjusting the Reduction Potential of Electrons by Quantum Confinement for Selective Photoreduction of CO ₂ to Methanol. Angewandte Chemie, 2019, 131, 3844-3848.	1.6	16
95	Structure versus Thermal Stability: The Periodic Structure of Atomic Layer Deposition-Grown Al-Incorporated HfO ₂ Films and Its Effects on Amorphous Stabilization. Chemistry of Materials, 2011, 23, 1679-1685.	3.2	15
96	Photocatalysis: Selective Deposition of Ag ₃ PO ₄ on Monoclinic BiVO ₄ (040) for Highly Efficient Photocatalysis (Small 23/2013). Small, 2013, 9, 3950-3950.	5.2	15
97	The effect of specific adsorption of halide ions on electrochemical CO ₂ reduction. Chemical Science, 2022, 13, 8117-8123.	3.7	14
98	Subnanoscale Lanthanum Distribution in Lanthanum-Incorporated Hafnium Oxide Thin Films Grown Using Atomic Layer Deposition. Chemistry of Materials, 2010, 22, 3798-3806.	3.2	12
99	Optical properties of La-incorporated HfO ₂ upon crystallization. Applied Physics Letters, 2011, 98, 122904.	1.5	12
100	Dendritic Hematite Nanoarray Photoanode Modified with a Conformal Titanium Dioxide Interlayer for Effective Charge Collection. Angewandte Chemie, 2017, 129, 13058-13062.	1.6	11
101	Artificial Leaves for Solar Fuels. Chinese Journal of Chemistry, 2021, 39, 1450-1458.	2.6	11
102	Nanosheets: Tungsten Oxide Single Crystal Nanosheets for Enhanced Multichannel Solar Light Harvesting (Adv. Mater. 9/2015). Advanced Materials, 2015, 27, 1579-1579.	11.1	8
103	Photocatalysts: Monoclinic Porous BiVO ₄ Networks Decorated by Discrete g-C ₃ N ₄ Nano-Islands with Tunable Coverage for Highly Efficient Photocatalysis (Small 14/2014). Small, 2014, 10, 2782-2782.	5.2	7
104	Controllable Distribution of Oxygen Vacancies in Grain Boundaries of p-Si/TiO ₂ Heterojunction Photocathodes for Solar Water Splitting. Angewandte Chemie, 2021, 133, 4080-4083.	1.6	7
105	Atomic Layer Deposition of Tantalum-Incorporated Hafnium Dioxide: Strategies to Enhance Thermal Stability. Journal of the Electrochemical Society, 2011, 158, G185.	1.3	6
106	SrO-layer insertion in Ruddlesden–Popper Sn-based perovskite enables efficient CO ₂ electroreduction towards formate. Chemical Science, 2022, 13, 8829-8833.	3.7	6
107	Reduction of nonspecific binding for cellular imaging using quantum dots conjugated with vitamin E. AIChE Journal, 2014, 60, 1591-1597.	1.8	5
108	Simple Strategies for Fabrication of a Periodic Mesoporous Aluminosilicate with Crystalline Walls. Small, 2014, 10, 4249-4256.	5.2	5

#	ARTICLE	IF	CITATIONS
109	Solar Water Splitting: Mechanistic Understanding of the Plasmonic Enhancement for Solar Water Splitting (Adv. Mater. 36/2015). Advanced Materials, 2015, 27, 5444-5444.	11.1	5
110	Overestimated solar water splitting performance on oxide semiconductor anodes. Science China Materials, 2017, 60, 90-92.	3.5	5
111	Effective Charge Carrier Utilization in Visible-Light-Driven CO ₂ Conversion. Semiconductors and Semimetals, 2017, 97, 429-467.	0.4	4
112	Innentitelbild: Thin Heterojunctions and Spatially Separated Cocatalysts To Simultaneously Reduce Bulk and Surface Recombination in Photocatalysts (Angew. Chem. 44/2016). Angewandte Chemie, 2016, 128, 13818-13818.	1.6	2
113	Performance Prediction of Multiple Photoanodes Systems for Unbiased Photoelectrochemical Water Splitting. , 2021, 3, 939-946.		2
114	Frontispiece: Stable Aqueous Photoelectrochemical CO ₂ Reduction by a Cu ₂ O Dark Cathode with Improved Selectivity for Carbonaceous Products. Angewandte Chemie - International Edition, 2016, 55, .	7.2	1
115	Titelbild: Tuning Cu/Cu ₂ O Interfaces for the Reduction of Carbon Dioxide to Methanol in Aqueous Solutions (Angew. Chem. 47/2018). Angewandte Chemie, 2018, 130, 15507-15507.	1.6	1
116	Frontispiz: Stable Aqueous Photoelectrochemical CO ₂ Reduction by a Cu ₂ O Dark Cathode with Improved Selectivity for Carbonaceous Products. Angewandte Chemie, 2016, 128, .	1.6	0
117	Innentitelbild: Synergistic Cocatalytic Effect of Carbon Nanodots and Co ₃ O ₄ Nanoclusters for the Photoelectrochemical Water Oxidation on Hematite (Angew. Chem. 19/2016). Angewandte Chemie, 2016, 128, 5704-5704.	1.6	0
118	InnenrÄ¼cktitelbild: Surviving High-Temperature Calcination: ZrO ₂ -Induced Hematite Nanotubes for Photoelectrochemical Water Oxidation (Angew. Chem. 15/2017). Angewandte Chemie, 2017, 129, 4427-4427.	1.6	0
119	Titelbild: Dendritic Hematite Nanoarray Photoanode Modified with a Conformal Titanium Dioxide Interlayer for Effective Charge Collection (Angew. Chem. 42/2017). Angewandte Chemie, 2017, 129, 12967-12967.	1.6	0
120	RÄ¼cktitelbild: Promoted Fixation of Molecular Nitrogen with Surface Oxygen Vacancies on Plasmon-Enhanced TiO ₂ Photoelectrodes (Angew. Chem. 19/2018). Angewandte Chemie, 2018, 130, 5656-5656.	1.6	0
121	The impact of Al ₂ O ₃ back interface layer on low-temperature growth of ultrathin Cu(In,Ga)Se ₂ solar cells. Optoelectronics Letters, 2018, 14, 363-366.	0.4	0