

Akihiko Kudo

List of Publications by Year in descending order

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104
papers

30,423
citations

22099

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105
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all docs

106
docs citations

106
times ranked

20500
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous photocatalyst materials for water splitting. <i>Chemical Society Reviews</i> , 2009, 38, 253-278.	18.7	9,155
2	A Novel Aqueous Process for Preparation of Crystal Form-Controlled and Highly Crystalline BiVO ₄ Powder from Layered Vanadates at Room Temperature and Its Photocatalytic and Photophysical Properties. <i>Journal of the American Chemical Society</i> , 1999, 121, 11459-11467.	6.6	1,813
3	Highly Efficient Water Splitting into H ₂ and O ₂ over Lanthanum-Doped NaTaO ₃ Photocatalysts with High Crystallinity and Surface Nanostructure. <i>Journal of the American Chemical Society</i> , 2003, 125, 3082-3089.	6.6	1,585
4	Scalable water splitting on particulate photocatalyst sheets with a solar-to-hydrogen energy conversion efficiency exceeding 1%. <i>Nature Materials</i> , 2016, 15, 611-615.	13.3	1,311
5	Reduced Graphene Oxide as a Solid-State Electron Mediator in Z-Scheme Photocatalytic Water Splitting under Visible Light. <i>Journal of the American Chemical Society</i> , 2011, 133, 11054-11057.	6.6	952
6	Photocatalytic Activities of Noble Metal Ion Doped SrTiO ₃ under Visible Light Irradiation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8992-8995.	1.2	832
7	Reducing Graphene Oxide on a Visible-Light BiVO ₄ Photocatalyst for an Enhanced Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2607-2612.	2.1	825
8	Visible-Light-Response and Photocatalytic Activities of TiO ₂ and SrTiO ₃ Photocatalysts Codoped with Antimony and Chromium. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5029-5034.	1.2	796
9	Water Splitting into H ₂ and O ₂ on Alkali Tantalate Photocatalysts ATaO ₃ (A = Li, Na, and K). <i>Journal of Physical Chemistry B</i> , 2001, 105, 4285-4292.	1.2	629
10	Photocatalytic Reduction of Carbon Dioxide over Ag Cocatalyst-Loaded Al _x Ti _{4-x} O ₁₅ (A = Ca, Sr, and Ba) Using Water as a Reducing Reagent. <i>Journal of the American Chemical Society</i> , 2011, 133, 20863-20868.	6.6	561
11	Surface Modification of CoO _x Loaded BiVO ₄ Photoanodes with Ultrathin p-Type NiO Layers for Improved Solar Water Oxidation. <i>Journal of the American Chemical Society</i> , 2015, 137, 5053-5060.	6.6	542
12	Z-Schematic Water Splitting into H ₂ and O ₂ Using Metal Sulfide as a Hydrogen-Evolving Photocatalyst and Reduced Graphene Oxide as a Solid-State Electron Mediator. <i>Journal of the American Chemical Society</i> , 2015, 137, 604-607.	6.6	467
13	H ₂ or O ₂ Evolution from Aqueous Solutions on Layered Oxide Photocatalysts Consisting of Bi ³⁺ with 6s ² Configuration and d ⁰ Transition Metal Ions. <i>Chemistry Letters</i> , 1999, 28, 1103-1104.	0.7	465
14	Role of Ag ⁺ in the Band Structures and Photocatalytic Properties of AgMO ₃ (M: Ta and Nb) with the Perovskite Structure. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12441-12447.	1.2	463
15	Water Splitting and CO ₂ Reduction under Visible Light Irradiation Using Z-Scheme Systems Consisting of Metal Sulfides, CoO _x -Loaded BiVO ₄ , and a Reduced Graphene Oxide Electron Mediator. <i>Journal of the American Chemical Society</i> , 2016, 138, 10260-10264.	6.6	461
16	Visible-Light-Induced H ₂ Evolution from an Aqueous Solution Containing Sulfide and Sulfite over a ZnS-CuInS ₂ -AgInS ₂ Solid-Solution Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3565-3568.	7.2	434
17	Solar Water Splitting Using Powdered Photocatalysts Driven by Z-Schematic Interparticle Electron Transfer without an Electron Mediator. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17536-17542.	1.5	432
18	Construction of Z-scheme Type Heterogeneous Photocatalysis Systems for Water Splitting into H ₂ and O ₂ under Visible Light Irradiation. <i>Chemistry Letters</i> , 2004, 33, 1348-1349.	0.7	401

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19	Rh-Doped SrTiO ₃ Photocatalyst Electrode Showing Cathodic Photocurrent for Water Splitting under Visible-Light Irradiation. <i>Journal of the American Chemical Society</i> , 2011, 133, 13272-13275.	6.6	400
20	Strategies for the Development of Visible-light-driven Photocatalysts for Water Splitting. <i>Chemistry Letters</i> , 2004, 33, 1534-1539.	0.7	397
21	[Co(bpy) ₃] ^{3+/2+} and [Co(phen) ₃] ^{3+/2+} Electron Mediators for Overall Water Splitting under Sunlight Irradiation Using Z-Scheme Photocatalyst System. <i>Journal of the American Chemical Society</i> , 2013, 135, 5441-5449.	6.6	327
22	H ₂ evolution from an aqueous methanol solution on SrTiO ₃ photocatalysts codoped with chromium and tantalum ions under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 181-186.	2.0	323
23	Particulate Photocatalyst Sheets Based on Carbon Conductor Layer for Efficient Z-Scheme Pure-Water Splitting at Ambient Pressure. <i>Journal of the American Chemical Society</i> , 2017, 139, 1675-1683.	6.6	322
24	A Front-Illuminated Nanostructured Transparent BiVO ₄ Photoanode for >2% Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2016, 6, 1501645.	10.2	313
25	Photophysical properties and photocatalytic activities under visible light irradiation of silver vanadates. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3061.	1.3	305
26	Ultrastable low-bias water splitting photoanodes via photocorrosion inhibition and in situ catalyst regeneration. <i>Nature Energy</i> , 2017, 2, .	19.8	298
27	Facile fabrication of an efficient BiVO ₄ thin film electrode for water splitting under visible light irradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11564-11569.	3.3	284
28	Nickel and either tantalum or niobium-codoped TiO ₂ and SrTiO ₃ photocatalysts with visible-light response for H ₂ or O ₂ evolution from aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2241.	1.3	280
29	Photocatalytic Hydrogen Evolution on ZnS [~] CuInS ₂ [~] AgInS ₂ Solid Solution Photocatalysts with Wide Visible Light Absorption Bands. <i>Chemistry of Materials</i> , 2006, 18, 1969-1975.	3.2	271
30	Water splitting into H ₂ and O ₂ over niobate and titanate photocatalysts with (111) plane-type layered perovskite structure. <i>Energy and Environmental Science</i> , 2009, 2, 306.	15.6	248
31	Role of Sn ²⁺ in the Band Structure of SnM ₂ O ₆ and Sn ₂ M ₂ O ₇ (M = Nb and Ta) and Their Photocatalytic Properties. <i>Chemistry of Materials</i> , 2008, 20, 1299-1307.	3.2	231
32	BiVO ₄ –Ru/SrTiO ₃ :Rh composite Z-scheme photocatalyst for solar water splitting. <i>Chemical Science</i> , 2014, 5, 1513.	3.7	228
33	Synthesis of highly active rhodium-doped SrTiO ₃ powders in Z-scheme systems for visible-light-driven photocatalytic overall water splitting. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12327.	5.2	214
34	A visible light responsive rhodium and antimony-codoped SrTiO ₃ powdered photocatalyst loaded with an IrO ₂ cocatalyst for solar water splitting. <i>Chemical Communications</i> , 2014, 50, 2543-2546.	2.2	202
35	Photoelectrochemical water splitting using visible-light-responsive BiVO ₄ fine particles prepared in an aqueous acetic acid solution. <i>Journal of Materials Chemistry</i> , 2010, 20, 7536.	6.7	197
36	Z-scheme photocatalyst systems for water splitting under visible light irradiation. <i>MRS Bulletin</i> , 2011, 36, 32-38.	1.7	183

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37	Hydrothermal-synthesized SrTiO ₃ photocatalyst codoped with rhodium and antimony with visible-light response for sacrificial H ₂ and O ₂ evolution and application to overall water splitting. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 187-196.	10.8	131
38	Utilization of Metal Sulfide Material of (CuGa) _{1-x} Zn _{2-x} S ₂ Solid Solution with Visible Light Response in Photocatalytic and Photoelectrochemical Solar Water Splitting Systems. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1042-1047.	2.1	130
39	Photocatalytic O ₂ Evolution of Rhodium and Antimony-Codoped Rutile-Type TiO ₂ under Visible Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 17420-17426.	1.5	128
40	Highly Active NaTaO ₃ -Based Photocatalysts for CO ₂ Reduction to Form CO Using Water as the Electron Donor. <i>ChemSusChem</i> , 2017, 10, 112-118.	3.6	124
41	Photoinduced Dynamics of TiO ₂ Doped with Cr and Sb. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1167-1173.	1.5	109
42	The Effect of Alkaline Earth Metal Ion Dopants on Photocatalytic Water Splitting by NaTaO ₃ Powder. <i>ChemSusChem</i> , 2009, 2, 873-877.	3.6	96
43	Photocatalytic Activities of Layered Titanates and Niobates Ion-Exchanged with Sn ²⁺ under Visible Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17678-17682.	1.5	94
44	Time-Resolved Infrared Absorption Study of SrTiO ₃ Photocatalysts Codoped with Rhodium and Antimony. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19101-19106.	1.5	91
45	Elucidation of Rh-Induced In-Gap States of Rh:SrTiO ₃ Visible-Light-Driven Photocatalyst by Soft X-ray Spectroscopy and First-Principles Calculations. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24445-24448.	1.5	89
46	Visible light response of AgLi _{1/3} M _{2/3} O ₂ (M = Ti and Tj) ETQq0 0.0 rgBT /Overlock 1 of Materials Chemistry, 2008, 18, 647-653.	6.7	82
47	CO ₂ Reduction Using Water as an Electron Donor over Heterogeneous Photocatalysts Aiming at Artificial Photosynthesis. <i>Accounts of Chemical Research</i> , 2022, 55, 966-977.	7.6	80
48	The KCaSrTa ₅ O ₁₅ photocatalyst with tungsten bronze structure for water splitting and CO ₂ reduction. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24417-24422.	1.3	74
49	Photophysical and Photocatalytic Properties of Molybdates and Tungstates with a Scheelite Structure. <i>Chemistry Letters</i> , 2004, 33, 1216-1217.	0.7	71
50	Photocatalytic CO ₂ reduction using water as an electron donor by a powdered Z-scheme system consisting of metal sulfide and an RGO@TiO ₂ composite. <i>Faraday Discussions</i> , 2017, 198, 397-407.	1.6	71
51	Photoelectrochemical water splitting enhanced by self-assembled metal nanopillars embedded in an oxide semiconductor photoelectrode. <i>Nature Communications</i> , 2016, 7, 11818.	5.8	70
52	Interfacing BiVO ₄ with Reduced Graphene Oxide for Enhanced Photoactivity: A Tale of Facet Dependence of Electron Shuttling. <i>Small</i> , 2016, 12, 5295-5302.	5.2	68
53	Investigations of Electronic Structures and Photocatalytic Activities under Visible Light Irradiation of Lead Molybdate Replaced with Chromium(VI). <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 885-893.	2.0	67
54	Au ₂₅ -Loaded BaLa ₄ Ti ₄ O ₁₅ Water-Splitting Photocatalyst with Enhanced Activity and Durability Produced Using New Chromium Oxide Shell Formation Method. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13669-13681.	1.5	67

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55	Z-scheme water splitting under visible light irradiation over powdered metal-complex/semiconductor hybrid photocatalysts mediated by reduced graphene oxide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13283-13290.	5.2	65
56	Electronic Structure and Photoelectrochemical Properties of an Ir-Doped SrTiO ₃ Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20222-20228.	1.5	63
57	Sensitization of NaMO ₃ (M: Nb and Ta) Photocatalysts with Wide Band Gaps to Visible Light by Ir Doping. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 514-518.	2.0	62
58	Atomic-Level Understanding of the Effect of Heteroatom Doping of the Cocatalyst on Water-Splitting Activity in AuPd or AuPt Alloy Cluster-Loaded BaLa ₄ Ti ₄ O ₁₅ . <i>ACS Applied Energy Materials</i> , 2019, 2, 4175-4187.	2.5	61
59	An effect of Ag(ⁱ)-substitution at Cu sites in CuGaS ₂ on photocatalytic and photoelectrochemical properties for solar hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21815-21823.	5.2	59
60	Revealing the role of the Rh valence state, La doping level and Ru cocatalyst in determining the H ₂ evolution efficiency in doped SrTiO ₃ photocatalysts. <i>Sustainable Energy and Fuels</i> , 2019, 3, 208-218.	2.5	56
61	Photocatalytic CO ₂ Reduction Using Water as an Electron Donor under Visible Light Irradiation by Z-Scheme and Photoelectrochemical Systems over (CuGa) _{0.5} ZnS ₂ in the Presence of Basic Additives. <i>Journal of the American Chemical Society</i> , 2022, 144, 2323-2332.	6.6	56
62	Time-Resolved Infrared Absorption Study of NaTaO ₃ Photocatalysts Doped with Alkali Earth Metals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13918-13923.	1.5	55
63	Enhancement of CO ₂ reduction activity under visible light irradiation over Zn-based metal sulfides by combination with Ru-complex catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 224, 572-578.	10.8	55
64	A Simple Preparation Method of Visible-Light-Driven BiVO ₄ Photocatalysts From Oxide Starting Materials (Bi ₂ O ₃ and V ₂ O ₅) and Their Photocatalytic Activities. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2010, 132, .	1.1	53
65	Z-Schematic and visible-light-driven CO ₂ reduction using H ₂ O as an electron donor by a particulate mixture of a Ru-complex/(CuGa) _{1-x} Zn _{2x} S ₂ hybrid catalyst, BiVO ₄ and an electron mediator. <i>Chemical Communications</i> , 2018, 54, 10199-10202.	2.2	52
66	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7076-7082.	7.2	48
67	Photocatalytic Water Splitting and CO ₂ Reduction over KCaSrTa ₅ O ₁₅ Nanorod Prepared by a Polymerized Complex Method. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 538-543.	2.0	47
68	Particulate photocatalyst sheets for Z-scheme water splitting: advantages over powder suspension and photoelectrochemical systems and future challenges. <i>Faraday Discussions</i> , 2017, 197, 491-504.	1.6	45
69	Enhancement of photocatalytic activity of zinc-germanium oxynitride solid solution for overall water splitting under visible irradiation. <i>Dalton Transactions</i> , 2009, , 10055.	1.6	44
70	Photocatalytic Overall Water Splitting Under Visible Light Enabled by a Particulate Conjugated Polymer Loaded with Palladium and Iridium**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	40
71	Enhanced H ₂ evolution over an Ir-doped SrTiO ₃ photocatalyst by loading of an Ir cocatalyst using visible light up to 800 nm. <i>Chemical Communications</i> , 2018, 54, 10606-10609.	2.2	39
72	Photocathode Characteristics of a Spray-Deposited Cu ₂ ZnGeS ₄ Thin Film for CO ₂ Reduction in a CO ₂ -Saturated Aqueous Solution. <i>ACS Applied Energy Materials</i> , 2019, 2, 6911-6918.	2.5	37

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73	The Importance of the Interfacial Contact: Is Reduced Graphene Oxide Always an Enhancer in Photo(Electro)Catalytic Water Oxidation?. ACS Applied Materials & Interfaces, 2019, 11, 23125-23134.	4.0	34
74	Development of Ir and La-codoped BaTa ₂ O ₆ photocatalysts using visible light up to 640 nm as an H ₂ -evolving photocatalyst for Z-schematic water splitting. Chemical Communications, 2017, 53, 6156-6159.	2.2	33
75	A CoOx-modified SnNb ₂ O ₆ photoelectrode for highly efficient oxygen evolution from water. Chemical Communications, 2017, 53, 629-632.	2.2	33
76	Z-scheme photocatalyst systems employing Rh- and Ir-doped metal oxide materials for water splitting under visible light irradiation. Faraday Discussions, 2019, 215, 313-328.	1.6	33
77	Cosubstituting effects of copper(I) and gallium(III) for ZnGa ₂ S ₄ with defect chalcopyrite structure on photocatalytic activity for hydrogen evolution. Journal of Catalysis, 2014, 310, 31-36.	3.1	32
78	Sensitization of wide band gap photocatalysts to visible light by molten CuCl treatment. Chemical Science, 2015, 6, 687-692.	3.7	31
79	Z-Schematic CO ₂ Reduction to CO through Interparticle Electron Transfer between SrTiO ₃ :Rh of a Reducing Photocatalyst and BiVO ₄ of a Water Oxidation Photocatalyst under Visible Light. ACS Applied Energy Materials, 2020, 3, 10001-10007.	2.5	30
80	Water Splitting on Aluminum Porphyrins To Form Hydrogen and Hydrogen Peroxide by One Photon of Visible Light. ACS Applied Energy Materials, 2019, 2, 8045-8051.	2.5	29
81	Powder-based (CuGa _{1-x} In _y) _{1-x} Zn _{2x} S ₂ solid solution photocathodes with a largely positive onset potential for solar water splitting. Sustainable Energy and Fuels, 2018, 2, 2016-2024.	2.5	28
82	Development of Various Metal Sulfide Photocatalysts Consisting of d ⁰ , d ⁵ , and d ¹⁰ Metal Ions for Sacrificial H ₂ Evolution under Visible Light Irradiation. Chemistry Letters, 2017, 46, 616-619.	0.7	27
83	Solar water splitting over Rh _{0.5} Cr _{1.5} O ₃ -loaded AgTaO ₃ of a valence-band-controlled metal oxide photocatalyst. Chemical Science, 2020, 11, 2330-2334.	3.7	26
84	Cu ₃ MS ₄ (M=V, Nb, Ta) and its Solid Solutions with Sulvanite Structure for Photocatalytic and Photoelectrochemical H ₂ Evolution under Visible Light Irradiation. ChemSusChem, 2019, 12, 1977-1983.	3.6	24
85	Long wavelength visible light-responsive SrTiO ₃ photocatalysts doped with valence-controlled Ru for sacrificial H ₂ and O ₂ evolution. Catalysis Science and Technology, 2020, 10, 4912-4916.	2.1	24
86	Photocatalytic CO ₂ reduction using water as an electron donor over Ag-loaded metal oxide photocatalysts consisting of several polyhedra of Ti ⁴⁺ , Zr ⁴⁺ , and Ta ⁵⁺ . Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 416-421.	2.0	23
87	Z-Schematic Solar Water Splitting Using Fine Particles of H ₂ -Evolving (CuGa) _{0.5} ZnS ₂ Photocatalyst Prepared by a Flux Method with Chloride Salts. ACS Applied Energy Materials, 2020, 3, 5684-5692.	2.5	22
88	Visible-Light-Responsive CuLi _{1/3} Ti _{2/3} O ₂ Powders Prepared by a Molten CuCl Treatment of Li ₂ TiO ₃ for Photocatalytic H ₂ Evolution and Z-Schematic Water Splitting. Chemistry of Materials, 2016, 28, 4677-4685.	3.2	20
89	Photocatalytic Properties of Layered Metal Oxides Substituted with Silver by a Molten AgNO ₃ Treatment. ACS Applied Materials & Interfaces, 2015, 7, 14638-14643.	4.0	18
90	Photochemical hydrogen evolution on metal ion surface-grafted TiO ₂ -particles prepared by sol/gel method without calcination. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 386-394.	2.0	15

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91	Photoelectrochemical Reduction of CO ₂ to CO Using a CuGaS ₂ Thin-film Photocathode Prepared by a Spray Pyrolysis Method. Chemistry Letters, 2018, 47, 1424-1427.	0.7	15
92	Effects of Coapplication of Rh-Doping and Ag-Substitution on the Band Structure of Li ₂ TiO ₃ and the Photocatalytic Property. ACS Sustainable Chemistry and Engineering, 2019, 7, 9881-9887.	3.2	10
93	<i>In situ</i> photoacoustic analysis of near-infrared absorption of rhodium-doped strontium titanate photocatalyst powder. Chemical Communications, 2020, 56, 14255-14258.	2.2	9
94	Visible light responsive photocatalysts developed by substitution with metal cations aiming at artificial photosynthesis. Frontiers in Energy, 2021, 15, 568-576.	1.2	9
95	Highly crystalline Na _{0.5} Bi _{0.5} TiO ₃ of a photocatalyst valence-band-controlled with Bi(III) for solar water splitting. Chemical Communications, 2021, 57, 323-326.	2.2	8
96	Photocatalytic CO ₂ reduction by a Z-scheme mechanism in an aqueous suspension of particulate (CuGa) _{0.3} Zn _{1.4} S ₂ , BiVO ₄ and a Co complex operating dual-functionally as an electron mediator and as a cocatalyst. Applied Catalysis B: Environmental, 2022, 316, 121600.	10.8	8
97	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. Angewandte Chemie, 2020, 132, 7142-7148.	1.6	7
98	Photocatalytic Overall Water Splitting Under Visible Light Enabled by a Particulate Conjugated Polymer Loaded with Palladium and Iridium**. Angewandte Chemie, 2022, 134, .	1.6	7
99	New Visible-Light-Driven H ₂ - and O ₂ -Evolving Photocatalysts Developed by Ag(I) and Cu(I) Ion Exchange of Various Layered and Tunneling Metal Oxides Using Molten Salts Treatments. Chemistry of Materials, 2020, 32, 10524-10537.	3.2	6
100	Impact of lattice defects on water oxidation properties in SnNb ₂ O ₆ photoanode prepared by pulsed-laser deposition method. Journal of Applied Physics, 2019, 126, .	1.1	5
101	Demonstrator devices for artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 345-363.	1.6	2
102	Powder-Based Cu ₃ VS ₄ Photocathode Prepared by Particle-Transfer Method for Water Splitting Using the Whole Range of Visible Light. ECS Journal of Solid State Science and Technology, 2022, 11, 063002.	0.9	2
103	Heterogeneous Photocatalyst for CO ₂ Reduction. Springer Handbooks, 2022, , 1369-1380.	0.3	2
104	Beyond artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 422-438.	1.6	0