

# Akihiko Kudo

## List of Publications by Year in descending order

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104  
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22099

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#	ARTICLE	IF	CITATIONS
1	Photocatalytic CO <sub>2</sub> Reduction Using Water as an Electron Donor under Visible Light Irradiation by Z-Scheme and Photoelectrochemical Systems over (CuGa) <sub>0.5</sub> ZnS <sub>2</sub> in the Presence of Basic Additives. Journal of the American Chemical Society, 2022, 144, 2323-2332.	6.6	56
2	CO <sub>2</sub> Reduction Using Water as an Electron Donor over Heterogeneous Photocatalysts Aiming at Artificial Photosynthesis. Accounts of Chemical Research, 2022, 55, 966-977.	7.6	80
3	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
4	Photocatalytic Overall Water Splitting Under Visible Light Enabled by a Particulate Conjugated Polymer Loaded with Palladium and Iridium**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	40
5	Powder-Based Cu <sub>3</sub> VS <sub>4</sub> 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
6	Heterogeneous Photocatalyst for CO <sub>2</sub> Reduction. Springer Handbooks, 2022, , 1369-1380.	0.3	2
7	Photocatalytic CO <sub>2</sub> reduction by a Z-scheme mechanism in an aqueous suspension of particulate (CuGa) <sub>0.3</sub> Zn <sub>1.4</sub> S <sub>2</sub> , BiVO <sub>4</sub> 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
8	Highly crystalline Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> of a photocatalyst valence-band-controlled with Bi(III) for solar water splitting. Chemical Communications, 2021, 57, 323-326.	2.2	8
9	Visible light responsive photocatalysts developed by substitution with metal cations aiming at artificial photosynthesis. Frontiers in Energy, 2021, 15, 568-576.	1.2	9
10	New Visible-Light-Driven H <sub>2</sub> - and O <sub>2</sub> -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
11	<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
12	Z-Schematic CO <sub>2</sub> Reduction to CO through Interparticle Electron Transfer between SrTiO <sub>3</sub> :Rh of a Reducing Photocatalyst and BiVO <sub>4</sub> of a Water Oxidation Photocatalyst under Visible Light. ACS Applied Energy Materials, 2020, 3, 10001-10007.	2.5	30
13	Long wavelength visible light-responsive SrTiO <sub>3</sub> photocatalysts doped with valence-controlled Ru for sacrificial H <sub>2</sub> and O <sub>2</sub> evolution. Catalysis Science and Technology, 2020, 10, 4912-4916.	2.1	24
14	Z-Schematic Solar Water Splitting Using Fine Particles of H <sub>2</sub> -Evolving (CuGa) <sub>0.5</sub> ZnS <sub>2</sub> Photocatalyst Prepared by a Flux Method with Chloride Salts. ACS Applied Energy Materials, 2020, 3, 5684-5692.	2.5	22
15	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. Angewandte Chemie, 2020, 132, 7142-7148.	1.6	7
16	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. Angewandte Chemie - International Edition, 2020, 59, 7076-7082.	7.2	48
17	Solar water splitting over Rh <sub>0.5</sub> Cr <sub>1.5</sub> O <sub>3</sub> -loaded AgTaO <sub>3</sub> of a valence-band-controlled metal oxide photocatalyst. Chemical Science, 2020, 11, 2330-2334.	3.7	26
18	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

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19	Photocathode Characteristics of a Spray-Deposited Cu <sub>2</sub> ZnGeS <sub>4</sub> Thin Film for CO <sub>2</sub> Reduction in a CO <sub>2</sub> -Saturated Aqueous Solution. ACS Applied Energy Materials, 2019, 2, 6911-6918.	2.5	37
20	Impact of lattice defects on water oxidation properties in SnNb <sub>2</sub> O <sub>6</sub> photoanode prepared by pulsed-laser deposition method. Journal of Applied Physics, 2019, 126, .	1.1	5
21	Cu <sub>3</sub> MS <sub>4</sub> (M=V, Nb, Ta) and its Solid Solutions with Sulvanite Structure for Photocatalytic and Photoelectrochemical H <sub>2</sub> Evolution under Visible-Light Irradiation. ChemSusChem, 2019, 12, 1977-1983.	3.6	24
22	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
23	Revealing the role of the Rh valence state, La doping level and Ru cocatalyst in determining the H <sub>2</sub> evolution efficiency in doped SrTiO <sub>3</sub> photocatalysts. Sustainable Energy and Fuels, 2019, 3, 208-218.	2.5	56
24	Beyond artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 422-438.	1.6	0
25	Demonstrator devices for artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 345-363.	1.6	2
26	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
27	Effects of Coapplication of Rh-Doping and Ag-Substitution on the Band Structure of Li <sub>2</sub> TiO <sub>3</sub> and the Photocatalytic Property. ACS Sustainable Chemistry and Engineering, 2019, 7, 9881-9887.	3.2	10
28	Atomic-Level Understanding of the Effect of Heteroatom Doping of the Cocatalyst on Water-Splitting Activity in AuPd or AuPt Alloy Cluster-Loaded BaLa <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> . ACS Applied Energy Materials, 2019, 2, 4175-4187.	2.5	61
29	Au <sub>25</sub> -Loaded BaLa <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> Water-Splitting Photocatalyst with Enhanced Activity and Durability Produced Using New Chromium Oxide Shell Formation Method. Journal of Physical Chemistry C, 2018, 122, 13669-13681.	1.5	67
30	Powder-based (CuGa <sub>1-y</sub> In <sub>y</sub> ) <sub>2</sub> Zn <sub>2</sub> S <sub>2</sub> solid solution photocathodes with a largely positive onset potential for solar water splitting. Sustainable Energy and Fuels, 2018, 2, 2016-2024.	2.5	28
31	Photocatalytic CO <sub>2</sub> reduction using water as an electron donor over Ag-loaded metal oxide photocatalysts consisting of several polyhedra of Ti <sup>4+</sup> , Zr <sup>4+</sup> , and Ta <sup>5+</sup> . Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 416-421.	2.0	23
32	Photochemical hydrogen evolution on metal ion surface-grafted TiO <sub>2</sub> -particles prepared by sol/gel method without calcination. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 386-394.	2.0	15
33	Enhancement of CO <sub>2</sub> reduction activity under visible light irradiation over Zn-based metal sulfides by combination with Ru-complex catalysts. Applied Catalysis B: Environmental, 2018, 224, 572-578.	10.8	55
34	Photoelectrochemical Reduction of CO <sub>2</sub> to CO Using a CuGa <sub>2</sub> Thin-film Photocathode Prepared by a Spray Pyrolysis Method. Chemistry Letters, 2018, 47, 1424-1427.	0.7	15
35	Enhanced H <sub>2</sub> evolution over an Ir-doped SrTiO <sub>3</sub> photocatalyst by loading of an Ir cocatalyst using visible light up to 800 nm. Chemical Communications, 2018, 54, 10606-10609.	2.2	39
36	Z-Schematic and visible-light-driven CO <sub>2</sub> reduction using H <sub>2</sub> O as an electron donor by a particulate mixture of a Ru-complex/(CuGa) <sub>1-x</sub> Zn <sub>2x</sub> S <sub>2</sub> hybrid catalyst, BiVO <sub>4</sub> and an electron mediator. Chemical Communications, 2018, 54, 10199-10202.	2.2	52

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37	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
38	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
39	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. <i>Chemistry Letters</i> , 2017, 46, 616-619.	0.7	27
40	Development of Ir and La-codoped $BaTa_2O_6$ photocatalysts using visible light up to 640 nm as an $H_2$ -evolving photocatalyst for Z-schematic water splitting. <i>Chemical Communications</i> , 2017, 53, 6156-6159.	2.2	33
41	Photocatalytic $CO_2$ reduction using water as an electron donor by a powdered Z-scheme system consisting of metal sulfide and an RGO-TiO <sub>2</sub> composite. <i>Faraday Discussions</i> , 2017, 198, 397-407.	1.6	71
42	Ultrastable low-bias water splitting photoanodes via photocorrosion inhibition and in situ catalyst regeneration. <i>Nature Energy</i> , 2017, 2, .	19.8	298
43	A CoOx-modified SnNb <sub>2</sub> O <sub>6</sub> photoelectrode for highly efficient oxygen evolution from water. <i>Chemical Communications</i> , 2017, 53, 629-632.	2.2	33
44	Highly Active NaTaO <sub>3</sub> -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
45	Water Splitting and $CO_2$ Reduction under Visible Light Irradiation Using Z-Scheme Systems Consisting of Metal Sulfides, CoOx-Loaded BiVO <sub>4</sub> , and a Reduced Graphene Oxide Electron Mediator. <i>Journal of the American Chemical Society</i> , 2016, 138, 10260-10264.	6.6	461
46	Interfacing BiVO <sub>4</sub> 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
47	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
48	A Front-Illuminated Nanostructured Transparent BiVO <sub>4</sub> Photoanode for >2% Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2016, 6, 1501645.	10.2	313
49	Visible-Light-Responsive $CuLi_{1/3}Ti_{2/3}O_2$ Powders Prepared by a Molten $CuCl$ Treatment of $Li_2TiO_3$ for Photocatalytic $H_2$ Evolution and Z-Schematic Water Splitting. <i>Chemistry of Materials</i> , 2016, 28, 4677-4685.	3.2	20
50	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
51	Photocatalytic Water Splitting and CO <sub>2</sub> Reduction over KCaSrTa <sub>5</sub> O <sub>15</sub> Nanorod Prepared by a Polymerized Complex Method. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 538-543.	2.0	47
52	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
53	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
54	Utilization of Metal Sulfide Material of $(CuGa)_{1-x}Zn_{2x}S_2$ 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

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55	Photocatalytic Properties of Layered Metal Oxides Substituted with Silver by a Molten AgNO <sub>3</sub> Treatment. ACS Applied Materials & Interfaces, 2015, 7, 14638-14643.	4.0	18
56	Surface Modification of CoO <sub>x</sub> Loaded BiVO <sub>4</sub> Photoanodes with Ultrathin p-Type NiO Layers for Improved Solar Water Oxidation. Journal of the American Chemical Society, 2015, 137, 5053-5060.	6.6	542
57	An effect of Ag( <sup>i</sup> )-substitution at Cu sites in CuGaS <sub>2</sub> on photocatalytic and photoelectrochemical properties for solar hydrogen evolution. Journal of Materials Chemistry A, 2015, 3, 21815-21823.	5.2	59
58	Sensitization of wide band gap photocatalysts to visible light by molten CuCl treatment. Chemical Science, 2015, 6, 687-692.	3.7	31
59	The KCaSrTa <sub>5</sub> O <sub>15</sub> photocatalyst with tungsten bronze structure for water splitting and CO <sub>2</sub> reduction. Physical Chemistry Chemical Physics, 2014, 16, 24417-24422.	1.3	74
60	Hydrothermal-synthesized SrTiO <sub>3</sub> photocatalyst codoped with rhodium and antimony with visible-light response for sacrificial H <sub>2</sub> and O <sub>2</sub> evolution and application to overall water splitting. Applied Catalysis B: Environmental, 2014, 150-151, 187-196.	10.8	131
61	Cosubstituting effects of copper(I) and gallium(III) for ZnGa <sub>2</sub> S <sub>4</sub> with defect chalcopyrite structure on photocatalytic activity for hydrogen evolution. Journal of Catalysis, 2014, 310, 31-36.	3.1	32
62	A visible light responsive rhodium and antimony-codoped SrTiO <sub>3</sub> powdered photocatalyst loaded with an IrO <sub>2</sub> cocatalyst for solar water splitting. Chemical Communications, 2014, 50, 2543-2546.	2.2	202
63	Electronic Structure and Photoelectrochemical Properties of an Ir-Doped SrTiO <sub>3</sub> Photocatalyst. Journal of Physical Chemistry C, 2014, 118, 20222-20228.	1.5	63
64	BiVO <sub>4</sub> –Ru/SrTiO <sub>3</sub> :Rh composite Z-scheme photocatalyst for solar water splitting. Chemical Science, 2014, 5, 1513.	3.7	228
65	Synthesis of highly active rhodium-doped SrTiO <sub>3</sub> powders in Z-scheme systems for visible-light-driven photocatalytic overall water splitting. Journal of Materials Chemistry A, 2013, 1, 12327.	5.2	214
66	[Co(bpy) <sub>3</sub> ] <sup>3+/2+</sup> and [Co(phen) <sub>3</sub> ] <sup>3+/2+</sup> Electron Mediators for Overall Water Splitting under Sunlight Irradiation Using Z-Scheme Photocatalyst System. Journal of the American Chemical Society, 2013, 135, 5441-5449.	6.6	327
67	Time-Resolved Infrared Absorption Study of SrTiO <sub>3</sub> Photocatalysts Codoped with Rhodium and Antimony. Journal of Physical Chemistry C, 2013, 117, 19101-19106.	1.5	91
68	Elucidation of Rh-Induced In-Gap States of Rh:SrTiO <sub>3</sub> Visible-Light-Driven Photocatalyst by Soft X-ray Spectroscopy and First-Principles Calculations. Journal of Physical Chemistry C, 2012, 116, 24445-24448.	1.5	89
69	Facile fabrication of an efficient BiVO <sub>4</sub> thin film electrode for water splitting under visible light irradiation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11564-11569.	3.3	284
70	Reduced Graphene Oxide as a Solid-State Electron Mediator in Z-Scheme Photocatalytic Water Splitting under Visible Light. Journal of the American Chemical Society, 2011, 133, 11054-11057.	6.6	952
71	Photocatalytic Reduction of Carbon Dioxide over Ag Cocatalyst-Loaded ALA <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> (A = Ca, Sr, and Ba) Using Water as a Reducing Reagent. Journal of the American Chemical Society, 2011, 133, 20863-20868.	6.6	561
72	Rh-Doped SrTiO <sub>3</sub> Photocatalyst Electrode Showing Cathodic Photocurrent for Water Splitting under Visible-Light Irradiation. Journal of the American Chemical Society, 2011, 133, 13272-13275.	6.6	400

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73	Z-scheme photocatalyst systems for water splitting under visible light irradiation. MRS Bulletin, 2011, 36, 32-38.	1.7	183
74	A Simple Preparation Method of Visible-Light-Driven BiVO <sub>4</sub> Photocatalysts From Oxide Starting Materials (Bi <sub>2</sub> O <sub>3</sub> and V <sub>2</sub> O <sub>5</sub> ) and Their Photocatalytic Activities. Journal of Solar Energy Engineering, Transactions of the ASME, 2010, 132, .	1.1	53
75	Reducing Graphene Oxide on a Visible-Light BiVO <sub>4</sub> Photocatalyst for an Enhanced Photoelectrochemical Water Splitting. Journal of Physical Chemistry Letters, 2010, 1, 2607-2612.	2.1	825
76	Photoelectrochemical water splitting using visible-light-responsive BiVO <sub>4</sub> fine particles prepared in an aqueous acetic acid solution. Journal of Materials Chemistry, 2010, 20, 7536.	6.7	197
77	The Effect of Alkaline Earth Metal Ion Dopants on Photocatalytic Water Splitting by NaTaO <sub>3</sub> Powder. ChemSusChem, 2009, 2, 873-877.	3.6	96
78	Heterogeneous photocatalyst materials for water splitting. Chemical Society Reviews, 2009, 38, 253-278.	18.7	9,155
79	Time-Resolved Infrared Absorption Study of NaTaO <sub>3</sub> Photocatalysts Doped with Alkali Earth Metals. Journal of Physical Chemistry C, 2009, 113, 13918-13923.	1.5	55
80	Solar Water Splitting Using Powdered Photocatalysts Driven by Z-Schematic Interparticle Electron Transfer without an Electron Mediator. Journal of Physical Chemistry C, 2009, 113, 17536-17542.	1.5	432
81	Water splitting into H <sub>2</sub> and O <sub>2</sub> over niobate and titanate photocatalysts with (111) plane-type layered perovskite structure. Energy and Environmental Science, 2009, 2, 306.	15.6	248
82	Enhancement of photocatalytic activity of zinc-germanium oxynitride solid solution for overall water splitting under visible irradiation. Dalton Transactions, 2009, , 10055.	1.6	44
83	Sensitization of NaMO <sub>3</sub> (M: Nb and Ta) Photocatalysts with Wide Band Gaps to Visible Light by Ir Doping. Bulletin of the Chemical Society of Japan, 2009, 82, 514-518.	2.0	62
84	Photocatalytic Activities of Layered Titanates and Niobates Ion-Exchanged with Sn <sup>2+</sup> under Visible Light Irradiation. Journal of Physical Chemistry C, 2008, 112, 17678-17682.	1.5	94
85	Role of Sn <sup>2+</sup> in the Band Structure of SnM <sub>2</sub> O <sub>6</sub> and Sn <sub>2</sub> M <sub>2</sub> O <sub>7</sub> (M = Nb and Ta) and Their Photocatalytic Properties. Chemistry of Materials, 2008, 20, 1299-1307.	3.2	231
86	Visible light response of AgLi <sub>1/3</sub> M <sub>2/3</sub> O <sub>2</sub> (M = Ti and Tj) ETQq0 0 0 rgBT /Overlock 1 of Materials Chemistry, 2008, 18, 647-653.	6.7	82
87	Photoinduced Dynamics of TiO <sub>2</sub> Doped with Cr and Sb. Journal of Physical Chemistry C, 2008, 112, 1167-1173.	1.5	109
88	Investigations of Electronic Structures and Photocatalytic Activities under Visible Light Irradiation of Lead Molybdate Replaced with Chromium(VI). Bulletin of the Chemical Society of Japan, 2007, 80, 885-893.	2.0	67
89	Photocatalytic O <sub>2</sub> Evolution of Rhodium and Antimony-Codoped Rutile-Type TiO <sub>2</sub> under Visible Light Irradiation. Journal of Physical Chemistry C, 2007, 111, 17420-17426.	1.5	128
90	Photocatalytic Hydrogen Evolution on ZnS <sup>~</sup> CuInS <sub>2</sub> <sup>~</sup> AgInS <sub>2</sub> Solid Solution Photocatalysts with Wide Visible Light Absorption Bands. Chemistry of Materials, 2006, 18, 1969-1975.	3.2	271

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91	Visible-Light-Induced H <sub>2</sub> Evolution from an Aqueous Solution Containing Sulfide and Sulfite over a ZnS-CuInS <sub>2</sub> -AgInS <sub>2</sub> Solid-Solution Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3565-3568.	7.2	434
92	Nickel and either tantalum or niobium-codoped TiO <sub>2</sub> and SrTiO <sub>3</sub> photocatalysts with visible-light response for H <sub>2</sub> or O <sub>2</sub> evolution from aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2241.	1.3	280
93	H <sub>2</sub> evolution from an aqueous methanol solution on SrTiO <sub>3</sub> 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
94	Photocatalytic Activities of Noble Metal Ion Doped SrTiO <sub>3</sub> under Visible Light Irradiation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8992-8995.	1.2	832
95	Construction of Z-scheme Type Heterogeneous Photocatalysis Systems for Water Splitting into H <sub>2</sub> and O <sub>2</sub> under Visible Light Irradiation. <i>Chemistry Letters</i> , 2004, 33, 1348-1349.	0.7	401
96	Photophysical and Photocatalytic Properties of Molybdates and Tungstates with a Scheelite Structure. <i>Chemistry Letters</i> , 2004, 33, 1216-1217.	0.7	71
97	Strategies for the Development of Visible-light-driven Photocatalysts for Water Splitting. <i>Chemistry Letters</i> , 2004, 33, 1534-1539.	0.7	397
98	Highly Efficient Water Splitting into H <sub>2</sub> and O <sub>2</sub> over Lanthanum-Doped NaTaO <sub>3</sub> Photocatalysts with High Crystallinity and Surface Nanostructure. <i>Journal of the American Chemical Society</i> , 2003, 125, 3082-3089.	6.6	1,585
99	Photophysical properties and photocatalytic activities under visible light irradiation of silver vanadates. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3061.	1.3	305
100	Visible-Light-Response and Photocatalytic Activities of TiO <sub>2</sub> and SrTiO <sub>3</sub> Photocatalysts Codoped with Antimony and Chromium. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5029-5034.	1.2	796
101	Role of Ag <sup>+</sup> in the Band Structures and Photocatalytic Properties of AgMO <sub>3</sub> (M: Ta and Nb) with the Perovskite Structure. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12441-12447.	1.2	463
102	Water Splitting into H <sub>2</sub> and O <sub>2</sub> on Alkali Tantalate Photocatalysts ATaO <sub>3</sub> (A = Li, Na, and K). <i>Journal of Physical Chemistry B</i> , 2001, 105, 4285-4292.	1.2	629
103	A Novel Aqueous Process for Preparation of Crystal Form-Controlled and Highly Crystalline BiVO <sub>4</sub> 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
104	H <sub>2</sub> or O <sub>2</sub> Evolution from Aqueous Solutions on Layered Oxide Photocatalysts Consisting of Bi <sup>3+</sup> with 6s <sup>2</sup> Configuration and d <sup>0</sup> Transition Metal Ions. <i>Chemistry Letters</i> , 1999, 28, 1103-1104.	0.7	465