

# Hideyuki Katsumata

## List of Publications by Year in descending order

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174  
papers

4,943  
citations

81900

39  
h-index

102487

66  
g-index

175  
all docs

175  
docs citations

175  
times ranked

6210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient visible light-induced photocatalytic oxidation of arsenite with nanosized WO <sub>3</sub> particles in the presence of Cu <sup>2+</sup> and CuO. Environmental Technology (United Kingdom), 2023, 44, 3096-3107.	2.2	2
2	Synthesis of an iso-type graphitic carbon nitride heterojunction derived from oxamide and urea in molten salt for high-performance visible-light driven photocatalysis. New Journal of Chemistry, 2022, 46, 8999-9009.	2.8	4
3	Ultra-thin graphene/g-C <sub>3</sub> N <sub>4</sub> nanosheets with in-plane heterojunction for enhanced visible-light photocatalytic hydrogen evolution performance. Materials Technology, 2022, 37, 2194-2203.	3.0	3
4	Dual Z-scheme heterojunction g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> /AgBr photocatalyst with enhanced visible-light photocatalytic activity. Ceramics International, 2022, 48, 21898-21905.	4.8	20
5	Ag-modified g-C <sub>3</sub> N <sub>4</sub> with enhanced activity for the photocatalytic reduction of hexavalent chromium in the presence of EDTA under ultraviolet irradiation. Environmental Technology (United Kingdom), 2022, , 1-39.	2.2	4
6	Development of Ag/Ag <sub>2</sub> O/ZnO photocatalyst and their photocatalytic activity towards dibutyl phthalate decomposition in water. Journal of the Air and Waste Management Association, 2022, 72, 1137-1152.	1.9	1
7	Mixed Hemimicelles Solid phase Extraction of Atrazine and Simazine from Environmental Water Samples Using Alumina-Coated Magnetite Composite Material. Journal of Analytical Chemistry, 2022, 77, 581-587.	0.9	1
8	Photocatalytic Hydrogen Production from Formic Acid Solution with Titanium Dioxide with the Aid of Simultaneous Rh Deposition. ChemEngineering, 2022, 6, 43.	2.4	6
9	Formic acid motivated photocatalytic reduction of Cr(VI) to Cr(III) with ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles under UV irradiation. Environmental Technology (United Kingdom), 2021, 42, 1-9.	2.2	18
10	Performance of EDTA modified magnetic ZnFe <sub>2</sub> O <sub>4</sub> during photocatalytic reduction of Cr(VI) in aqueous solution under UV irradiation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 44-51.	1.7	3
11	Preconcentration of trace indium in aqueous samples using sodium dodecyl sulphate/activated carbon prior to electrothermal furnace absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2021, 101, 719-733.	3.3	5
12	Development of Heavy Metal-Free Photocatalytic RhB Decomposition System Using a Biodegradable Plastic Substrate. ChemEngineering, 2021, 5, 11.	2.4	0
13	Optimization of Operating Conditions for Electrochemical Decolorization of Methylene Blue with Ti/PbO <sub>2</sub> /PbO <sub>2</sub> Composite Electrode. Journal of Composites Science, 2021, 5, 117.	3.0	2
14	Highly photocatalytic hydrogen generation over P-doped g-C <sub>3</sub> N <sub>4</sub> with aromatic ring structure. Materials Letters, 2021, 299, 130068.	2.6	7
15	Mineralization of Diazinon with nanosized-photocatalyst TiO <sub>2</sub> in water under sunlight irradiation: optimization of degradation conditions and reaction pathway. Environmental Technology (United Kingdom), 2020, 41, 3524-3533.	2.2	28
16	Structurally modified graphitic carbon nitride with highly photocatalytic activity in the presence of visible light. Catalysis Today, 2020, 352, 47-53.	4.4	28
17	Efficient photocatalytic hydrogen production by Zn(1~2x)Cu <sub>x</sub> In <sub>2</sub> S(4~1.5x) co-doped with Cu and excess in under visible light irradiation. SN Applied Sciences, 2020, 2, 1.	2.9	0
18	Photocatalytic Degradation of a Systemic Herbicide: Picloram from Aqueous Solution Using Titanium Oxide (TiO <sub>2</sub> ) under Sunlight. ChemEngineering, 2020, 4, 58.	2.4	8

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19	Photocatalytic degradation of a typical agricultural chemical: metalaxyl in water using TiO <sub>2</sub> under solar irradiation. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	6
20	Nanocomposite Magnetite-Kaolin for Rh Preconcentration and Determination by Electrothermal Atomic Absorption Spectrometry. <i>Analytical Sciences</i> , 2020, 36, 87-90.	1.6	2
21	Photocatalytic degradation of a typical neonicotinoid insecticide: nitenpyrum by ZnO nanoparticles under solar irradiation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20446-20456.	5.3	16
22	Enhanced Photocatalytic Hydrogen Production with Treated Cu/ZnO from S <sub>2</sub> -SO <sub>3</sub> <sup>2-</sup> Solution. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3657-3657.	0.0	0
23	Synthesis of g-C <sub>3</sub> N <sub>4</sub> Derived from Oxamide and Urea in Molten Salt and Its Visible Light Photocatalytic Activity. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3673-3673.	0.0	0
24	Electrochemical Decolorization of Dye in Solution with Modified Ti/PbO <sub>2</sub> /PbO <sub>2</sub> Mesh Electrode. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3680-3680.	0.0	0
25	Visible Light Hydrogen Production By CdZnS Photocatalysts Prepared in Ethylenediamine Aqueous Solution. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3123-3123.	0.0	0
26	DEVELOPMENT OF CARBON NANOTUBE AS HIGHLY ACTIVE PHOTOCATALYTIC ADSORBENT FOR TREATMENT OF ACID RED 88 DYE. <i>Water Conservation and Management</i> , 2020, 5, 26-29.	0.5	1
27	Enhanced Photocatalytic H <sub>2</sub> Evolution over P-Doped g-C <sub>3</sub> N <sub>4</sub> with Aromatic Rings Composites. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3663-3663.	0.0	0
28	Application of Sodium Dodecyl Sulfate/Activated Carbon onto the Preconcentration of Cadmium Ions in Solid-Phase Extraction Flow System. <i>ChemEngineering</i> , 2019, 3, 67.	2.4	2
29	Dual-defect-modified graphitic carbon nitride with boosted photocatalytic activity under visible light. <i>Scientific Reports</i> , 2019, 9, 14873.	3.3	43
30	The Effect of Cu and Ga Doped ZnIn <sub>2</sub> S <sub>4</sub> under Visible Light on the High Generation of H <sub>2</sub> Production. <i>ChemEngineering</i> , 2019, 3, 79.	2.4	8
31	Enhanced photocatalytic reduction of toxic Cr(VI) with Cu modified ZnO nanoparticles in presence of EDTA under UV illumination. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	29
32	Improvement of Photocatalytic H <sub>2</sub> -Generation under Visible Light Irradiation by Controlling the Band Gap of ZnIn <sub>2</sub> S <sub>4</sub> with Cu and In. <i>Catalysts</i> , 2019, 9, 681.	3.5	9
33	Tetrahedral UMOFNs/Ag <sub>3</sub> PO <sub>4</sub> Core-Shell Photocatalysts for Enhanced Photocatalytic Activity under Visible Light. <i>ACS Omega</i> , 2019, 4, 15975-15984.	3.5	16
34	Preconcentration of Pb with Aminosilanized Fe <sub>3</sub> O <sub>4</sub> Nanopowders in Environmental Water Followed by Electrothermal Atomic Absorption Spectrometric Determination. <i>ChemEngineering</i> , 2019, 3, 74.	2.4	4
35	Novel Photocatalytic NH <sub>3</sub> Synthesis by NO <sub>3</sub> <sup>-</sup> Reduction over CuAg/TiO <sub>2</sub> . <i>ChemEngineering</i> , 2019, 3, 49.	2.4	11
36	Fabrication of Ag-doped ZnO by mechanochemical combustion method and their application into photocatalytic Famotidine degradation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 914-923.	1.7	17

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37	â€œNew Horizons in Analytical Sciences of Functional Materialsâ€• Analytical Sciences, 2019, 35, 357-357.	1.6	0
38	Photocatalytic Reduction of Hexavalent Chromium with Nanosized TiO <sub>2</sub> in Presence of Formic Acid. ChemEngineering, 2019, 3, 33.	2.4	32
39	Studies of Effects of Calcination Temperature on the Crystallinity and Optical Properties of Ag-Doped ZnO Nanocomposites. Journal of Composites Science, 2019, 3, 18.	3.0	19
40	Electrochemical Carbon Dioxide Reduction in Methanol at Cu and Cu <sub>2</sub> O-Deposited Carbon Black Electrodes. ChemEngineering, 2019, 3, 15.	2.4	10
41	Development and Evaluation of Responsive Glass for pH Electrodes Capable of Taking Measurements from Samples as Small as 50 $\mu$ L. Bunseki Kagaku, 2019, 68, 103-108.	0.2	1
42	Solid-Phase Extraction for Environmental Analysis. Analytical Sciences, 2019, 35, 1289-1290.	1.6	3
43	Ternary dual Z-scheme graphitic carbon nitride/ultrathin metal-organic framework nanosheet/Ag <sub>3</sub> PO <sub>4</sub> photocatalysts for boosted photocatalytic performance under visible light. RSC Advances, 2019, 9, 39843-39853.	3.6	16
44	â€œNew Horizons in Analytical Sciences of Functional Materialsâ€• Analytical Sciences, 2019, 35, 233-233.	1.6	0
45	Degradation, Kinetics, and Mineralization in Solar Photocatalytic Treatment of Aqueous Amitrole Solution with Titanium Dioxide. Environmental Engineering Science, 2018, 35, 401-407.	1.6	10
46	Indirect photocatalytic reduction of arsenate to arsenite in aqueous solution with TiO <sub>2</sub> in the presence of hole scavengers. Chinese Journal of Chemical Engineering, 2018, 26, 529-533.	3.5	22
47	Optimization of Alachlor Photocatalytic Degradation with Nano-TiO <sub>2</sub> in Water under Solar Illumination: Reaction Pathway and Mineralization. Clean Technologies, 2018, 1, 141-153.	4.2	15
48	Solar photocatalytic decomposition of Probenazole in water with TiO <sub>2</sub> in the presence of H <sub>2</sub> O <sub>2</sub> . Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 2432-2441.	2.3	9
49	PHOTOCATALYTIC DEGRADATION OF FENITROTHION IN WATER WITH TiO <sub>2</sub> UNDER SOLAR IRRADIATION. Water Conservation and Management, 2018, 2, 01-05.	0.5	12
50	Enhanced Photocatalytic Activity of Phosphorus-Chlorine Codoped Graphitic Carbon Nitride under Visible Light Irradiation. ECS Transactions, 2017, 75, 47-56.	0.5	4
51	Highly Efficient Visible-Light-Driven Photocatalytic H <sub>2</sub> Production Using Carbon Particle/g-C <sub>3</sub> N <sub>4</sub> Photocatalysts with an Electron Donor. ECS Transactions, 2017, 75, 75-84.	0.5	4
52	Photoelectrochemical Reduction of CO <sub>2</sub> in Methanol with TiO <sub>2</sub> Photoanode and Metal Cathode. ECS Transactions, 2017, 75, 31-37.	0.5	13
53	Thermal H <sub>2</sub> Production by Decomposition of HCOOH with Pd/ZnO Catalyst. ECS Transactions, 2017, 75, 39-45.	0.5	0
54	Z-scheme photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> /tetrahedral Ag <sub>3</sub> PO <sub>4</sub> hybrids under visible light. Materials Letters, 2017, 201, 66-69.	2.6	27

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55	Visible-Light-Induced Ag/Bi <sub>2</sub> O <sub>3</sub> Composites with Enhanced Photocatalytic Activity. <i>Catalysis Letters</i> , 2017, 147, 1503-1509.	2.6	23
56	Application of solidified sea bottom sediments into environmental bioremediation materials. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2592-S2600.	4.9	2
57	Photocatalytic Decolorization of Dye with Self-Dye-Sensitization under Fluorescent Light Irradiation. <i>ChemEngineering</i> , 2017, 1, 8.	2.4	23
58	Evaluation of Reaction Mechanism for Photocatalytic Degradation of Dye with Self-Sensitized TiO <sub>2</sub> under Visible Light Irradiation. <i>Open Journal of Inorganic Non-metallic Materials</i> , 2017, 07, 1-7.	2.7	37
59	Determination of Cadmium in Environmental Samples by Flame Atomic Absorption Spectrometry with Preconcentration Using Sodium Dodecyl Sulfate/Activated Carbon. <i>Bunseki Kagaku</i> , 2016, 65, 419-424.	0.2	2
60	Photocatalytic oxidation and simultaneous removal of arsenite with CuO/ZnO photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 325, 97-103.	3.9	97
61	Evaluation of Responsibility for pH-responsive Glass by Surface Elemental Analysis. <i>Bunseki Kagaku</i> , 2016, 65, 267-273.	0.2	0
62	Photocatalytic hydrogen production from aqueous methanol solution using titanium dioxide with the aid of simultaneous metal deposition. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 110-116.	2.3	4
63	Enhanced Photocatalytic Degradation of Bisphenol A in Aqueous Solution by Ag-Doping ZnO. <i>Open Journal of Inorganic Non-metallic Materials</i> , 2016, 06, 13-17.	2.7	6
64	Enhanced Removal of Arsenite from Ground Water by Adsorption onto Heat-Treated Rice Husk. <i>Open Journal of Inorganic Non-metallic Materials</i> , 2016, 06, 18-23.	2.7	7
65	Enhanced Photocatalytic Activity of Phosphorus-Doped Graphitic Carbon Nitride Under Visible Light Irradiation. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
66	H <sub>2</sub> Production Using Thermal Decomposition of HCOOH with Pd/ZnO Catalyst. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
67	Highly Efficient Visible-Light Driven Carbon Particles/g-C <sub>3</sub> N <sub>4</sub> Photocatalysts with Enhanced Photocatalytic H <sub>2</sub> Production. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
68	Conversion of CO <sub>2</sub> in Methanol into HCOOCH <sub>3</sub> and CO By Photoelectrochemical Reduction with TiO <sub>2</sub> Photoanode. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
69	Photocatalytic Hydrogen Production with Zn-Based Photocatalyst. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
70	Development of pH Responsive Glass by Addition of Y <sub>2</sub> O <sub>3</sub> and Sc <sub>2</sub> O <sub>3</sub> . <i>Bunseki Kagaku</i> , 2015, 64, 519-526.	0.2	0
71	Degradation of carbofuran by V(IV)/H <sub>2</sub> O <sub>2</sub> system in aqueous solution. <i>Bangladesh Journal of Scientific and Industrial Research</i> , 2015, 50, 211-218.	0.3	2
72	Highly Efficient Photocatalytic Hydrogen Production over PdS@CdS+ZnS(en) <sub>0.5</sub> Photocatalyst under Visible Light Irradiation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 3532-3535.	3.7	26

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73	Electrochemical reduction of CO <sub>2</sub> using Cu electrode in methanol/LiClO <sub>4</sub> electrolyte. International Journal of Hydrogen Energy, 2015, 40, 6740-6744.	7.1	32
74	AgI/Ag <sub>3</sub> PO <sub>4</sub> hybrids with highly efficient visible-light driven photocatalytic activity. Materials Research Bulletin, 2015, 63, 116-122.	5.2	35
75	Removal of Methylene Blue, Rhodamine B and Ammonium Ion from Aqueous Solution by Adsorption onto Sintering Porous Materials Prepared from Coconut Husk Waste. Open Journal of Inorganic Non-metallic Materials, 2015, 05, 21-30.	2.7	10
76	Highly efficient visible-light driven AgBr/Ag <sub>3</sub> PO <sub>4</sub> hybrid photocatalysts with enhanced photocatalytic activity. Materials Science in Semiconductor Processing, 2014, 25, 68-75.	4.0	53
77	Facile Synthesis of WO <sub>3</sub> Nanorod Thin Films on W Substrate with Enhanced Photocatalytic Performance. Catalysis Letters, 2014, 144, 837-842.	2.6	10
78	Z-scheme photocatalytic hydrogen production over WO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> composite photocatalysts. RSC Advances, 2014, 4, 21405-21409.	3.6	196
79	Enhanced hydrogen production from aqueous methanol solution using TiO <sub>2</sub> /Cu as photocatalysts. Frontiers of Chemical Science and Engineering, 2014, 8, 197-202.	4.4	13
80	Highly Efficient Photocatalytic Activity of g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> Hybrid Photocatalysts through Z-Scheme Photocatalytic Mechanism under Visible Light. Industrial & Engineering Chemistry Research, 2014, 53, 8018-8025.	3.7	375
81	Optimization of Conditions for the Photocatalytic Degradation of EDTA in Aqueous Solution with Fe-Doped Titanium Dioxide. Open Journal of Inorganic Non-metallic Materials, 2014, 04, 28-34.	2.7	0
82	Photocatalytic Hydrogen Production from Aqueous Na <sub>2</sub> S + Na <sub>2</sub> SO <sub>3</sub> Solution with B-Doped ZnO. ACS Sustainable Chemistry and Engineering, 2013, 1, 982-988.	6.7	89
83	Photocatalytic hydrogen production from aqueous Na <sub>2</sub> SO <sub>3</sub> + Na <sub>2</sub> S solution with B/CuO/ZnO under visible light irradiation. RSC Advances, 2013, 3, 20429.	3.6	14
84	Photocatalytic activity of Ag/CuO/WO <sub>3</sub> under visible-light irradiation. RSC Advances, 2013, 3, 5028.	3.6	70
85	Photocatalytic hydrogen production with aid of simultaneous metal deposition using titanium dioxide from aqueous glucose solution. International Journal of Hydrogen Energy, 2013, 38, 5517-5524.	7.1	77
86	Photocatalytic degradation of bisphenol A by Ag <sub>3</sub> PO <sub>4</sub> under visible light. Catalysis Communications, 2013, 34, 30-34.	3.3	111
87	Photocatalytic hydrogen production with CuS/ZnO from aqueous Na <sub>2</sub> S + Na <sub>2</sub> SO <sub>3</sub> solution. International Journal of Hydrogen Energy, 2013, 38, 8625-8630.	7.1	74
88	Enhanced photocatalytic hydrogen production from aqueous methanol solution using ZnO with simultaneous photodeposition of Cu. International Journal of Hydrogen Energy, 2013, 38, 11840-11846.	7.1	58
89	Electrothermal atomic absorption spectrometric determination of cadmium in environmental samples with niobium wire preconcentration method. International Journal of Environmental Analytical Chemistry, 2013, 93, 1381-1388.	3.3	2
90	Long Physico-Chemical and Biological Monitoring for Treated Artificial Tidal Flats with Recycled Paper Sludge in Ago Bay, Japan. Advanced Materials Research, 2013, 795, 308-312.	0.3	1

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91	Preconcentration of trace elements by adsorption onto a niobium wire for electrothermal atomization atomic absorption spectrometry with a tungsten tube atomizer. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 432-435.	4.4	0
92	Determination of aniline derivatives in water samples after preconcentration with oxidized multiwalled carbon nanotubes as solid-phase extraction disk. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 270-275.	4.4	2
93	Photocatalytic Hydrogen Production from Aqueous Alcohol Solution with Titanium Dioxide Nanocomposites. <i>ACS Symposium Series</i> , 2012, , 25-36.	0.5	2
94	Solar Photocatalytic Degradation of Dicamba in Aqueous Solution and Its Mechanism. <i>Bunseki Kagaku</i> , 2011, 60, 345-351.	0.2	2
95	Degradation of linuron by ultrasound combined with photo-Fenton treatment. <i>Chemical Engineering Journal</i> , 2011, 166, 468-473.	12.7	51
96	Growth of Young Short-Necked Clam in the Artificial Tidal Flat Created by Using Solidification <sup>^</sup>   <sup>^</sup> frasl;Stabilization Techniques with Paper Sludge Ash-based Coagulants. <i>Kami Pa Gikyoshi/Japan Tappi Journal</i> , 2011, 65, 1189-1196.	0.1	0
97	Determination of Silver in Environmental Samples by Electrothermal Atomic Absorption Spectrometry after Preconcentration with Protein. <i>Bunseki Kagaku</i> , 2010, 59, 1113-1117.	0.2	1
98	Simultaneous removal of trihalomethanes by bimetallic Ag/Zn: kinetics study. <i>Frontiers of Chemical Engineering in China</i> , 2010, 4, 322-327.	0.6	5
99	Effect of lignophenol on allergen mitigation. <i>Chemistry of Natural Compounds</i> , 2010, 46, 79-82.	0.8	0
100	Degradation of Reactive Yellow 86 with photo-Fenton process driven by solar light. <i>Journal of Environmental Sciences</i> , 2010, 22, 1455-1461.	6.1	20
101	Photocatalytic hydrogen production from aqueous methanol solution with CuO/Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanocomposite. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 6554-6560.	7.1	133
102	Preconcentration of atrazine and simazine with multiwalled carbon nanotubes as solid-phase extraction disk. <i>Microchemical Journal</i> , 2010, 96, 348-351.	4.5	59
103	Degradation of fenitrothion by ultrasound/ferrioxalate/UV system. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 200-206.	8.2	52
104	Photocatalytic degradation of diazinon in aqueous solution by platinumized TiO <sub>2</sub> . <i>Desalination and Water Treatment</i> , 2010, 13, 427-436.	1.0	34
105	Degradation of marine humic acids by ozone-initiated radical reactions. <i>Chemical Engineering Journal</i> , 2009, 148, 336-341.	12.7	37
106	Photocatalytic degradation of diuron in aqueous solution by platinumized TiO <sub>2</sub> . <i>Journal of Hazardous Materials</i> , 2009, 171, 1081-1087.	12.4	74
107	Electrochemical reduction of CO <sub>2</sub> in methanol with aid of CuO and Cu <sub>2</sub> O. <i>Catalysis Today</i> , 2009, 148, 329-334.	4.4	109
108	Titanium dioxide mediated solar photocatalytic degradation of thiram in aqueous solution: Kinetics and mineralization. <i>Chemical Engineering Journal</i> , 2009, 148, 50-56.	12.7	51



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109	Photoelectrochemical reduction of CO <sub>2</sub> at p-InP electrode in copper particle-suspended methanol. <i>Chemical Engineering Journal</i> , 2009, 148, 57-62.	12.7	47
110	Source Estimation of PCDD/Fs and Dioxin-Like PCBs in Sediments at Nagoya City. <i>Bunseki Kagaku</i> , 2009, 58, 81-86.	0.2	1
111	Humic acid degradation in aqueous solution by the photo-Fenton process. <i>Chemical Engineering Journal</i> , 2008, 137, 225-230.	12.7	75
112	Preconcentration technique for manganese by adsorption onto a tantalum wire for tungsten tube atomizer electrothermal atomization atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2008, 162, 73-79.	5.0	8
113	Preconcentration of diazinon using multiwalled carbon nanotubes as solid-phase extraction adsorbents. <i>Microchemical Journal</i> , 2008, 88, 82-86.	4.5	79
114	Water purification with sintered porous materials fabricated at 400°C from sea bottom sediments. <i>Journal of Environmental Sciences</i> , 2008, 20, 172-176.	6.1	6
115	Removal of thiobencarb in aqueous solution by zero valent iron. <i>Chemosphere</i> , 2008, 70, 511-515.	8.2	31
116	Atomic Absorption Spectrometry Using Tungsten and Molybdenum Tubes as Metal Atomizer. <i>Bunseki Kagaku</i> , 2007, 56, 535-546.	0.2	3
117	Sonochemical degradation of 2,3,7,8-tetrachlorodibenzo-p-dioxins in aqueous solution with Fe(III)/UV system. <i>Chemosphere</i> , 2007, 69, 1261-1266.	8.2	25
118	Electrochemical reduction of high pressure carbon dioxide at a Cu electrode in cold methanol with CsOH supporting salt. <i>Chemical Engineering Journal</i> , 2007, 128, 47-50.	12.7	38
119	Determination of linuron in water samples by high performance liquid chromatography after preconcentration with octadecyl silanized magnetite. <i>Microchemical Journal</i> , 2007, 85, 285-289.	4.5	24
120	Preconcentration of trace lead by adsorption onto a tantalum wire for electrothermal atomization atomic absorption spectrometry with a tungsten tube atomizer. <i>Microchemical Journal</i> , 2007, 86, 89-93.	4.5	10
121	Effect of sodium cation on the electrochemical reduction of CO <sub>2</sub> at a copper electrode in methanol. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 490-495.	2.5	60
122	Removal of Arsenic in Aqueous Solutions by Adsorption onto Waste Rice Husk. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 8105-8110.	3.7	175
123	Electrochemical Reduction of CO <sub>2</sub> to Methane at the Cu Electrode in Methanol with Sodium Supporting Salts and Its Comparison with Other Alkaline Salts. <i>Energy &amp; Fuels</i> , 2006, 20, 409-414.	5.1	104
124	Degradation of polychlorinated dibenzo-p-dioxins in aqueous solution by Fe(II)/H <sub>2</sub> O <sub>2</sub> /UV system. <i>Chemosphere</i> , 2006, 63, 592-599.	8.2	26
125	Sequential molecular vapor elution analysis for the separation and determination of LiCl and NaCl in river waters. <i>Analytica Chimica Acta</i> , 2006, 560, 159-163.	5.4	0
126	Determination of atrazine and simazine in water samples by high-performance liquid chromatography after preconcentration with heat-treated diatomaceous earth. <i>Analytica Chimica Acta</i> , 2006, 577, 214-219.	5.4	43



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127	Photoelectrochemical reduction of carbon dioxide at p-type gallium arsenide and p-type indium phosphide electrodes in methanol. <i>Chemical Engineering Journal</i> , 2006, 116, 227-231.	12.7	63
128	Electrochemical reduction of CO <sub>2</sub> in copper particle-suspended methanol. <i>Chemical Engineering Journal</i> , 2006, 119, 107-112.	12.7	35
129	Titanium dioxide mediated photocatalytic degradation of dibutyl phthalate in aqueous solution kinetics, mineralization and reaction mechanism. <i>Chemical Engineering Journal</i> , 2006, 125, 59-66.	12.7	131
130	Electrochemical reduction of carbon dioxide to ethylene at a copper electrode in methanol using potassium hydroxide and rubidium hydroxide supporting electrolytes. <i>Electrochimica Acta</i> , 2006, 51, 3316-3321.	5.2	57
131	Electrochemical reduction of high pressure CO <sub>2</sub> at a Cu electrode in cold methanol. <i>Electrochimica Acta</i> , 2006, 51, 4880-4885.	5.2	58
132	Photo-Fenton degradation ofalachlor in the presence of citrate solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 38-45.	3.9	80
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