

Yusaku Sakata

List of Publications by Year in descending order

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120
papers

4,581
citations

87888

38
h-index

110387

64
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122
all docs

122
docs citations

122
times ranked

3473
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal degradation of polyethylene in the presence of a non-acidic porous solid by a continuous flow reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 161, 105395.	5.5	6
2	Micro-Beaker Chemical Process using a Slide Type Three-Port Valve System for Slug Flow Generation. <i>Kagaku Kogaku Ronbunshu</i> , 2014, 40, 38-42.	0.3	2
3	Thermal decomposition of polymer mixtures of PVC, PET and ABS containing brominated flame retardant: Formation of chlorinated and brominated organic compounds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 96, 69-77.	5.5	68
4	Feedstock recycling of waste polymeric material. <i>Journal of Material Cycles and Waste Management</i> , 2011, 13, 265-282.	3.0	58
5	Evaluation of morphological and chemical aspects of different wood species by spectroscopy and thermal methods. <i>Journal of Molecular Structure</i> , 2011, 988, 65-72.	3.6	269
6	Effect of polyethylene terephthalate (PET) on the pyrolysis of brominated flame retardant-containing high-impact polystyrene (HIPS-Br). <i>Journal of Material Cycles and Waste Management</i> , 2010, 12, 332-340.	3.0	12
7	The effect of silica-alumina catalysts on degradation of polyolefins by a continuous flow reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 89, 30-38.	5.5	23
8	The effect of PVC on thermal and catalytic degradation of polyethylene, polypropylene and polystyrene by a continuous flow reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 33-38.	5.5	13
9	Thermal degradation of polyethylene into fuel oil over silica-alumina by a continuous flow reactor. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 354-359.	5.5	7
10	Hydrothermal upgrading of wood biomass: Influence of the addition of K ₂ CO ₃ and cellulose/lignin ratio. <i>Fuel</i> , 2008, 87, 2236-2242.	6.4	89
11	Effect of decabromodiphenyl ether and antimony trioxide on controlled pyrolysis of high-impact polystyrene mixed with polyolefins. <i>Chemosphere</i> , 2008, 72, 1073-1079.	8.2	16
12	Novel highly active FSM-16 supported molybdenum catalyst for hydrotreatment. <i>Chemical Communications</i> , 2008, , 5310.	4.1	15
13	Enhanced debromination of brominated flame retardant plastics under microwave irradiation. <i>Green Chemistry</i> , 2008, 10, 739.	9.0	11
14	Improvement of Specific Capacitance with Addition of Surfactants to an Aqueous Electrolyte. <i>Electrochemistry</i> , 2007, 75, 598-600.	1.4	2
15	Controlled pyrolysis of polyethylene/polypropylene/polystyrene mixed plastics with high impact polystyrene containing flame retardant: Effect of decabromo diphenylethane (DDE). <i>Polymer Degradation and Stability</i> , 2007, 92, 211-221.	5.8	47
16	The co-pyrolysis of flame retarded high impact polystyrene and polyolefins. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 80, 406-415.	5.5	20
17	Individual and simultaneous degradation of brominated high impact polystyrene and brominated acrylonitrile-butadiene-styrene and removal of heteroelements (Br, N, and O) from degradation oil by multiphase catalytic systems. <i>Journal of Material Cycles and Waste Management</i> , 2007, 9, 56-61.	3.0	21
18	Co-processing of DVDs and CDs with vegetable cooking oil by thermal degradation. <i>Journal of Material Cycles and Waste Management</i> , 2007, 9, 62-68.	3.0	11

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19	Effect of flame retardants and Sb ₂ O ₃ synergist on the thermal decomposition of high-impact polystyrene and on its debromination by ammonia treatment. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 79, 346-352.	5.5	37
20	Catalytic degradation of polyolefins over hexagonal mesoporous silica: Effect of aluminum addition. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 80, 360-368.	5.5	46
21	Prevention of chlorinated hydrocarbons formation during pyrolysis of PVC or PVDC mixed plastics. <i>Green Chemistry</i> , 2006, 8, 697.	9.0	47
22	Novel debromination method for flame-retardant high impact polystyrene (HIPS-Br) by ammonia treatment. <i>Green Chemistry</i> , 2006, 8, 984.	9.0	13
23	Alkaline hydrothermal treatment of brominated high impact polystyrene (HIPS-Br) for bromine and bromine-free plastic recovery. <i>Chemosphere</i> , 2006, 64, 1021-1025.	8.2	39
24	Preparation of Ruthenium-Porous Carbon Composite from a Chelate Resin and Its Application to Capacitor Electrode. <i>Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2006, 53, 971-977.	0.2	0
25	Hydrothermal upgrading of biomass: Effect of KCO concentration and biomass/water ratio on products distribution. <i>Bioresource Technology</i> , 2006, 97, 90-98.	9.6	175
26	Characterization and reactivity of Al ₂ O ₃ –ZrO ₂ supported vanadium oxide catalysts. <i>Journal of Molecular Catalysis A</i> , 2006, 243, 149-157.	4.8	39
27	Pyrolysis study of a PVDC and HIPS-Br containing mixed waste plastic stream: Effect of the poly(ethylene terephthalate). <i>Journal of Analytical and Applied Pyrolysis</i> , 2006, 77, 68-74.	5.5	22
28	Liquefaction of PVC Mixed Plastics. , 2006, , 493-529.		4
29	Development of Desulphurization Plants Using Spray Drop Simulation Model. <i>Kagaku Kogaku Ronbunshu</i> , 2006, 32, 59-65.	0.3	1
30	Removal of nitrogen, bromine, and chlorine from PP/PE/PS/PVC/ABS–Br pyrolysis liquid products using Fe- and Ca-based catalysts. <i>Polymer Degradation and Stability</i> , 2005, 87, 225-230.	5.8	85
31	Analysis of chlorine distribution in the pyrolysis products of poly(vinylidene chloride) mixed with polyethylene, polypropylene or polystyrene. <i>Polymer Degradation and Stability</i> , 2005, 89, 38-42.	5.8	35
32	Comparative studies of oil compositions produced from sawdust, rice husk, lignin and cellulose by hydrothermal treatment. <i>Fuel</i> , 2005, 84, 875-884.	6.4	286
33	Low-temperature catalytic hydrothermal treatment of wood biomass: analysis of liquid products. <i>Chemical Engineering Journal</i> , 2005, 108, 127-137.	12.7	223
34	Catalytic hydrothermal treatment of pine wood biomass: effect of RbOH and CsOH on product distribution. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 1097-1102.	3.2	47
35	Activated Carbon Monoliths from Phenol Resin and Carbonized Cotton Fiber for Methane Storage. <i>Energy & Fuels</i> , 2005, 19, 251-257.	5.1	25
36	Gas-Phase and Pd-Catalyzed Hydrodehalogenation of CBrClF ₂ , CCl ₂ F ₂ , CHClF ₂ , and CH ₂ F ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 3442-3452.	3.7	13

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37	Shaking Catalysts Accelerating Chemical Reaction in Micro Reactors. IEEJ Transactions on Sensors and Micromachines, 2005, 125, 467-472.	0.1	1
38	Pyrolysis of Polypropylene/Polyethylene/Polystyrene and Polyvinylchloride Mixed Plastics using CaCO ₃ . Progress in Rubber, Plastics and Recycling Technology, 2004, 20, 163-170.	1.8	6
39	Preparation, characterization and reactivity of calcium-carbon, iron-carbon composites for dechlorination. Applied Catalysis A: General, 2004, 261, 135-141.	4.3	9
40	The effect of PVC and/or PET on thermal degradation of polymer mixtures containing brominated ABS. Fuel, 2004, 83, 2021-2028.	6.4	41
41	Effect of Rb and Cs carbonates for production of phenols from liquefaction of wood biomass. Fuel, 2004, 83, 2293-2299.	6.4	83
42	Recycling of waste lubricant oil into chemical feedstock or fuel oil over supported iron oxide catalysts. Fuel, 2004, 83, 9-15.	6.4	73
43	Effect of pressure on thermal degradation of polyethylene. Journal of Analytical and Applied Pyrolysis, 2004, 71, 569-589.	5.5	121
44	Effect of poly(ethylene terephthalate) on the pyrolysis of brominated flame retardant containing high impact polystyrene and catalytic debromination of the liquid products. Journal of Analytical and Applied Pyrolysis, 2004, 71, 765-777.	5.5	26
45	Pyrolysis studies of PP/PE/PS/PVC/HIPS-Br plastics mixed with PET and dehalogenation (Br, Cl) of the liquid products. Journal of Analytical and Applied Pyrolysis, 2004, 72, 27-33.	5.5	101
46	Thermal degradation of PE and PS mixed with ABS-Br and debromination of pyrolysis oil by Fe- and Ca-based catalysts. Polymer Degradation and Stability, 2004, 84, 459-467.	5.8	55
47	Preparation of novel TiP2O7 carbon composite using ion-exchanged resin (C467) and evaluation for photocatalytic decomposition of 2-propanol. Applied Catalysis A: General, 2004, 260, 163-168.	4.3	10
48	Preparation and characterization of nanocrystalline CeO ₂ -ZrO ₂ catalysts by dry method: effect of oxidizing conditions. Applied Catalysis A: General, 2004, 275, 173-181.	4.3	10
49	Low-Temperature Hydrothermal Treatment of Biomass: Effect of Reaction Parameters on Products and Boiling Point Distributions. Energy & Fuels, 2004, 18, 234-241.	5.1	141
50	The individual and cumulative effect of brominated flame retardant and polyvinylchloride (PVC) on thermal degradation of acrylonitrile-butadiene-styrene (ABS) copolymer. Chemosphere, 2004, 56, 433-440.	8.2	71
51	Extraction Properties of a Y-Pattern Microchannel Reactor with a Settler. Kagaku Kogaku Ronbunshu, 2004, 30, 159-163.	0.3	4
52	Reaction Characteristics of Chars Formed by One-Stage and Two-Stage Entrained-Flow Gasification. Kagaku Kogaku Ronbunshu, 2004, 30, 647-653.	0.3	0
53	Development of a catalytic dehalogenation (Cl, Br) process for municipal waste plastic-derived oil. Journal of Material Cycles and Waste Management, 2003, 5, 113-124.	3.0	37
54	Effect of Sb ₂ O ₃ in brominated heating impact polystyrene (HIPS-Br) on thermal degradation and debromination by iron oxide carbon composite catalyst (Fe-C). Applied Catalysis B: Environmental, 2003, 43, 229-241.	20.2	53

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55	Studies on thermal degradation of acrylonitrile-butadiene-styrene copolymer (ABS-Br) containing brominated flame retardant. <i>Journal of Analytical and Applied Pyrolysis</i> , 2003, 70, 369-381.	5.5	49
56	Comparison of thermal degradation products from real municipal waste plastic and model mixed plastics. <i>Journal of Analytical and Applied Pyrolysis</i> , 2003, 70, 579-587.	5.5	68
57	Catalytic Process for the Conversion of Halon 1211 (CBrClF ₂) to Halon 1301 (CBrF ₃) and CFC 13 (CClF ₃). <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6000-6006.	3.7	4
58	Debromination of flame retardant high impact polystyrene (HIPS-Br) by hydrothermal treatment and recovery of bromine free plastics. <i>Green Chemistry</i> , 2003, 5, 260-263.	9.0	30
59	Liquefaction of Mixed Plastics Containing PVC and Dechlorination by Calcium-Based Sorbent. <i>Energy & Fuels</i> , 2003, 17, 75-80.	5.1	41
60	Utilization of waste biomass and replacement of stoichiometric reagents for the synthesis of nanocrystalline CeO ₂ , ZrO ₂ and CeO ₂ -ZrO ₂ . <i>Green Chemistry</i> , 2003, 5, 480-483.	9.0	6
61	Optimal Preparation Yield of Porous Carbon for Capacitor Electrode. <i>Tanso</i> , 2003, 2003, 221-224.	0.1	1
62	Laboratory Evaluation of Calcium-, Iron-, and Potassium-Based Carbon Composite Sorbents for Capture of Hydrogen Chloride Gas. <i>Energy & Fuels</i> , 2002, 16, 1533-1539.	5.1	35
63	Thermal degradation of ABS-Br mixed with PP and catalytic debromination by iron oxide carbon composite catalyst (Fe-C). <i>Green Chemistry</i> , 2002, 4, 603-606.	9.0	26
64	Novel calcium based sorbent (Ca-C) for the dehalogenation (Br, Cl) process during halogenated mixed plastic (PP/PE/PS/PVC and HIPS-Br) pyrolysis. <i>Green Chemistry</i> , 2002, 4, 372-375.	9.0	80
65	The role of temperature program and catalytic system on the quality of acrylonitrile-butadiene-styrene degradation oil. <i>Journal of Analytical and Applied Pyrolysis</i> , 2002, 63, 43-57.	5.5	29
66	Dehydrohalogenation during pyrolysis of brominated flame retardant containing high impact polystyrene (HIPS-Br) mixed with polyvinylchloride (PVC). <i>Fuel</i> , 2002, 81, 1819-1825.	6.4	51
67	Waste Treatment Technologies. Preparation and Properties of Iron Oxide-Carbon Composite Catalysts for Dechlorination.. <i>Kagaku Kogaku Ronbunshu</i> , 2002, 28, 539-544.	0.3	3
68	Preparation and Capacitance of Cu-dispersed Porous Carbon Composites for Capacitor Electrodes Made from Different Kinds of Sawdust.. <i>Kagaku Kogaku Ronbunshu</i> , 2002, 28, 350-353.	0.3	0
69	The Effect of Red Mud on the Liquefaction of Waste Plastics in Heavy Vacuum Gas Oil. <i>Energy & Fuels</i> , 2001, 15, 163-169.	5.1	40
70	Catalytic Degradation of Acrylonitrile-Butadiene-Styrene into Fuel Oil 1. The Effect of Iron Oxides on the Distribution of Nitrogen-Containing Compounds. <i>Energy & Fuels</i> , 2001, 15, 559-564.	5.1	28
71	Catalytic Degradation of Acrylonitrile-Butadiene-Styrene into Fuel Oil 2. Changes in the Structure and Catalytic Activity of Iron Oxides. <i>Energy & Fuels</i> , 2001, 15, 565-570.	5.1	13
72	The catalytic effect of Red Mud on the degradation of poly (vinyl chloride) containing polymer mixture into fuel oil. <i>Polymer Degradation and Stability</i> , 2001, 73, 335-346.	5.8	82

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73	Catalytic dechlorination of chloroorganic compounds from PVC-containing mixed plastic-derived oil. <i>Applied Catalysis A: General</i> , 2001, 207, 79-84.	4.3	44
74	The Properties of Electric Double Layer Capacitor of Cu-Carbon Composite Prepared from Sawdust. <i>Electrochemistry</i> , 2001, 69, 434-436.	1.4	5
75	Vapour phase catalytic hydrodechlorination of chlorobenzene over Ni-carbon composite catalysts. <i>Journal of Molecular Catalysis A</i> , 2000, 161, 157-162.	4.8	41
76	Composition of Nitrogen-Containing Compounds in Oil Obtained from Acrylonitrile-Butadiene-Styrene Thermal Degradation. <i>Energy & Fuels</i> , 2000, 14, 920-928.	5.1	31
77	Preparation of Carbon Electrodes for Electronic Double-Layer Capacitors by Carbonization of Metal-Ion-Exchanged Resins. <i>Electrochemical and Solid-State Letters</i> , 1999, 3, 1.	2.2	16
78	Degradation of polyethylene and polypropylene into fuel oil by using solid acid and non-acid catalysts. <i>Journal of Analytical and Applied Pyrolysis</i> , 1999, 51, 135-155.	5.5	250
79	Hydrodechlorination of chlorinated hydrocarbons over metal-carbon composite catalysts prepared by a modified carbothermal reduction method. <i>Chemical Communications</i> , 1999, , 1657-1658.	4.1	34
80	Preparation of porous carbon membrane plates for pervaporation separation applications. <i>Separation and Purification Technology</i> , 1999, 17, 97-100.	7.9	19
81	Dechlorination of Chlorine Compounds in Poly(vinyl chloride) Mixed Plastics Derived Oil by Solid Sorbents. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 1406-1410.	3.7	66
82	Modification of ZnO-TiO ₂ High-Temperature Desulfurization Sorbent by ZrO ₂ Addition. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 958-963.	3.7	44
83	Selective Catalytic Dechlorination of Chloro Alkanes over Iron-based Catalysts. <i>Chemistry Letters</i> , 1999, 28, 1321-1322.	1.3	7
84	Catalytic Activity of Lime for N ₂ O Decomposition under Coal Combustion Conditions. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 1335-1340.	3.7	13
85	Catalytic degradation of polyethylene and polypropylene into liquid hydrocarbons with mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 1998, 21, 557-564.	4.4	51
86	Catalytic degradation of polyethylene and polypropylene to fuel oil. <i>Macromolecular Symposia</i> , 1998, 135, 7-18.	0.7	9
87	Spontaneous Degradation of Municipal Waste Plastics at Low Temperature during the Dechlorination Treatment. <i>Industrial & Engineering Chemistry Research</i> , 1998, 37, 2889-2892.	3.7	30
88	Thermal and catalytic degradation of structurally different types of polyethylene into fuel oil. <i>Polymer Degradation and Stability</i> , 1997, 56, 37-44.	5.8	148
89	Carbon-supported well-dispersed Cu-ZnO catalysts prepared from sawdust impregnated with [Cu(NO ₃) ₂ , Zn(NO ₃) ₂] solution: catalytic activity in CO ₂ hydrogenation to methanol. <i>Microporous Materials</i> , 1997, 9, 183-187.	1.6	17
90	Catalytic degradation of polyethylene into fuel oil over mesoporous silica (KFS-16) catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 1997, 43, 15-25.	5.5	102

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91	Characterization of Reaction between ZnO and COS. Industrial & Engineering Chemistry Research, 1996, 35, 2389-2394.	3.7	31
92	Modified carbothermal reduction for the synthesis of ultrafine particle tungsten compounds dispersed in a microporous carbon matrix. Journal of Materials Chemistry, 1996, 6, 1241.	6.7	20
93	Hydrocracking of Polycyclic Aromatic Hydrocarbons Catalyzed by Three Nickel-supported Different Zeolite Catalysts.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 1996, 39, 120-128.	0.1	3
94	Catalytic Degradation of Polypropylene into Liquid Hydrocarbons Using Silica-Alumina Catalyst. Chemistry Letters, 1996, 25, 245-246.	1.3	39
95	Preparation of Manganese Oxide Catalysts for Decomposition of Ozone by Alkali and Ozone Precipitation Methods.. Kagaku Kogaku Ronbunshu, 1995, 21, 1060-1068.	0.3	0
96	Soot Formation over Zinc Ferrite High-Temperature Desulfurization Sorbent. Energy & Fuels, 1995, 9, 344-353.	5.1	31
97	Catalytic Activity of ZnS Formed from Desulfurization Sorbent ZnO for Conversion of COS to H ₂ S. Industrial & Engineering Chemistry Research, 1995, 34, 1102-1106.	3.7	37
98	Stability of Zinc Oxide High-Temperature Desulfurization Sorbents for Reduction. Energy & Fuels, 1994, 8, 763-769.	5.1	51
99	Characterization of reaction between zinc oxide and hydrogen sulfide. Energy & Fuels, 1994, 8, 1100-1105.	5.1	60
100	Improvement in Adsorption Capacity of Nitrogen over X-type Zeolites by n-Hexane Plasma Processing and Heat Treatment. Chemistry Letters, 1994, 23, 5-8.	1.3	0
101	Gasification Reactivity of Coals Treated with Sulfuric Acid.. Journal of Chemical Engineering of Japan, 1994, 27, 199-204.	0.6	1
102	Fossil Energy. Development of Catalyst for Simultaneous Oxidative Adsorption of SO ₂ and NO.. Kagaku Kogaku Ronbunshu, 1994, 20, 880-888.	0.3	3
103	Activated Adsorption/Desorption of Cyclohexane over Activated Carbon Fiber with Molecular Sieving Property. Tanso, 1994, 1994, 115-118.	0.1	0
104	Reactivity and durability of iron oxide high temperature desulfurization sorbents. Energy & Fuels, 1993, 7, 632-638.	5.1	30
105	Adsorption state of organic compounds in gaseous phase over fibrous activated carbon and granular activated carbon.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 1549-1555.	0.1	3
106	Preparation of activated fibrous carbon from phenolic fabric and its molecular sieving properties.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, 1987, 990-1000.	0.1	5
107	Design of molecular sieving carbon - Studies on adsorption of various dyes in liquid phase.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, 1987, 2260-2266.	0.1	20
108	Molecular Sieving Adsorption of Polyethylene Glycols in Aqueous Solution with Fibrous and Granular Activated Carbons. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, , 2267-2274.	0.1	3

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109	A new kinetic model for temperature programmed thermogravimetry and its applications to the gasification of coal chars with steam and carbon dioxide.. Journal of Chemical Engineering of Japan, 1985, 18, 426-432.	0.6	13
110	Catalytic activity of mineral matter from western Kentucky coals for hydro-desulphurization and hydrodenitrogenation. Fuel, 1983, 62, 508-517.	6.4	7
111	Comparison of hydrodesulfurization and hydrodenitrogenation over API reference clays, silica, alumina, and cobalt molybdate. Industrial & Engineering Chemistry Product Research and Development, 1983, 22, 250-255.	0.5	5
112	Title is missing!. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1983, 1983, 583-591.	0.1	0
113	Reduction of Hematite Ore and Iron Oxide with Methane. Kagaku Kogaku Ronbunshu, 1982, 8, 168-173.	0.3	2
114	Rate Expression and Evaluation of Reactivity for Gasification of Various Coal Chars with Steam and Oxygen. Kagaku Kogaku Ronbunshu, 1982, 8, 174-180.	0.3	2
115	Development of Catalytic Gasification Process for Coal Char. Kagaku Kogaku Ronbunshu, 1982, 8, 51-58.	0.3	7
116	αfαf ^a α; ©âĒ-âf“âf<â>fæŁ,,ç%©ã•ã,%ã®æ»æ€Œç,ã®èŁ1/2é€. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1980, 1980, 858-864.	0.1	6
117	Title is missing!. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1979, 1979, 1569-1581.	0.1	4
118	â,ç”®é†‘â±žé...âĒ-ç%©ã®â; ©âĒ-æ°ç’ã«ã,â,â; ©âĒ-ç%©ã®ââ;œã•ã®é†‘ââ;œ. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1977, 1977, 1728-1736.	0.1	5
119	On Apparent Activation Energy of Solid-Catalyzed Gas-Phase Reaction. Chemical Engineering, 1971, 35, 455-461,a1.	0.0	0
120	Feedstock Recycling of Automobile Waste Bumpers: A Case Study. , 0, , .		0