

Yoshimitsu Uemura

List of Publications by Year in descending order

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times ranked

5261
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the microalgae cultivation technology and harvesting process for biofuel production: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109361.	16.4	224
2	Torrefaction of oil palm wastes. <i>Fuel</i> , 2011, 90, 2585-2591.	6.4	209
3	Harvesting and pre-treatment of microalgae cultivated in wastewater for biodiesel production: A review. <i>Energy Conversion and Management</i> , 2018, 171, 1416-1429.	9.2	200
4	Decomposition Behavior of Plant Biomass in Hot-Compressed Water. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 3688-3693.	3.7	196
5	Third generation biofuels: A nutritional perspective in enhancing microbial lipid production. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 91, 950-961.	16.4	191
6	Cultivation of microalgae for biodiesel production: A review on upstream and downstream processing. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 17-30.	3.5	150
7	Torrefaction of oil palm EFB in the presence of oxygen. <i>Fuel</i> , 2013, 103, 156-160.	6.4	130
8	Effects of torrefaction on the physiochemical properties of oil palm empty fruit bunches, mesocarp fiber and kernel shell. <i>Biomass and Bioenergy</i> , 2013, 56, 351-360.	5.7	121
9	Vapor-phase hydrodeoxygenation of guaiacol on Al-MCM-41 supported Ni and Co catalysts. <i>Applied Catalysis A: General</i> , 2016, 512, 93-100.	4.3	119
10	Cultivation of <i>Chlorella vulgaris</i> using nutrients source from domestic wastewater for biodiesel production: Growth condition and kinetic studies. <i>Renewable Energy</i> , 2017, 103, 197-207.	8.9	115
11	Syngas production from palm kernel shell and polyethylene waste blend in fluidized bed catalytic steam co-gasification process. <i>Energy</i> , 2014, 75, 40-44.	8.8	112
12	Effect of process parameters on hydrothermal liquefaction of oil palm biomass for bio-oil production and its life cycle assessment. <i>Energy Conversion and Management</i> , 2015, 104, 180-188.	9.2	110
13	Bio-oil production from oil palm biomass via subcritical and supercritical hydrothermal liquefaction. <i>Journal of Supercritical Fluids</i> , 2014, 95, 407-412.	3.2	105
14	Production of a bioflocculant from <i>Aspergillus niger</i> using palm oil mill effluent as carbon source. <i>Bioresource Technology</i> , 2014, 171, 66-70.	9.6	95
15	Catalytic pyrolysis of paddy husk in a drop type pyrolyzer for bio-oil production: The role of temperature and catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 106, 57-62.	5.5	93
16	Torrefaction of oil palm kernel shell in the presence of oxygen and carbon dioxide. <i>Fuel</i> , 2015, 144, 171-179.	6.4	90
17	Enhanced enzymatic delignification of oil palm biomass with ionic liquid pretreatment. <i>Biochemical Engineering Journal</i> , 2016, 110, 1-7.	3.6	89
18	Impact of various microalgal-bacterial populations on municipal wastewater bioremediation and its energy feasibility for lipid-based biofuel production. <i>Journal of Environmental Management</i> , 2019, 249, 109384.	7.8	82

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19	Torrefaction of empty fruit bunches under biomass combustion gas atmosphere. <i>Bioresource Technology</i> , 2017, 243, 107-117.	9.6	76
20	The effect of stress environment towards lipid accumulation in microalgae after harvesting. <i>Renewable Energy</i> , 2020, 154, 1083-1091.	8.9	76
21	Flocculation behavior and mechanism of bioflocculant produced by <i>Aspergillus flavus</i> . <i>Journal of Environmental Management</i> , 2015, 150, 466-471.	7.8	74
22	Characterization of natural low transition temperature mixtures (LTTMs): Green solvents for biomass delignification. <i>Bioresource Technology</i> , 2016, 199, 258-264.	9.6	74
23	Self-Diffusion Coefficients of Hydrophobic Ethoxylated Urethane Associating Polymers Using Pulsed-Gradient Spin-Echo Nuclear Magnetic Resonance. <i>Macromolecules</i> , 1995, 28, 531-538.	4.8	72
24	Metal oxide-catalyzed hydrothermal liquefaction of Malaysian oil palm biomass to bio-oil under supercritical condition. <i>Journal of Supercritical Fluids</i> , 2017, 120, 384-394.	3.2	69
25	Optimization of self-fermented period of waste coconut endosperm destined to feed black soldier fly larvae in enhancing the lipid and protein yields. <i>Renewable Energy</i> , 2017, 111, 646-654.	8.9	67
26	Potential Protein and Biodiesel Sources from Black Soldier Fly Larvae: Insights of Larval Harvesting Instar and Fermented Feeding Medium. <i>Energies</i> , 2019, 12, 1570.	3.1	64
27	Activated Carbon from Rubber Wood Sawdust by Carbon Dioxide Activation. <i>Procedia Engineering</i> , 2016, 148, 530-537.	1.2	63
28	Co-cultivation of activated sludge and microalgae for the simultaneous enhancements of nitrogen-rich wastewater bioremediation and lipid production. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 87, 216-224.	5.3	62
29	Hot-compressed-water decomposed products from bamboo manifest a selective cytotoxicity against acute lymphoblastic leukemia cells. <i>Toxicology in Vitro</i> , 2004, 18, 765-771.	2.4	58
30	Modeling to enhance attached microalgal biomass growth onto fluidized beds packed in nutrients-rich wastewater whilst simultaneously biofixing CO ₂ into lipid for biodiesel production. <i>Energy Conversion and Management</i> , 2019, 185, 1-10.	9.2	58
31	Flocculation of <i>Chlorella vulgaris</i> by shell waste-derived bioflocculants for biodiesel production: Process optimization, characterization and kinetic studies. <i>Science of the Total Environment</i> , 2020, 702, 134995.	8.0	58
32	Synthetic indicator on the severity of torrefaction of oil palm biomass residues through mass loss measurement. <i>Applied Energy</i> , 2013, 111, 821-826.	10.1	57
33	Semi-continuous cultivation of <i>Chlorella vulgaris</i> using chicken compost as nutrients source: Growth optimization study and fatty acid composition analysis. <i>Energy Conversion and Management</i> , 2018, 164, 363-373.	9.2	55
34	Dissolution of cellulose with ionic liquid in pressurized cell. <i>Journal of Molecular Liquids</i> , 2015, 211, 370-372.	4.9	52
35	Catalytic supercritical water gasification of microalgae: Comparison of <i>Chlorella vulgaris</i> and <i>Scenedesmus quadricauda</i> . <i>Journal of Supercritical Fluids</i> , 2016, 107, 408-413.	3.2	52
36	Kinetic study of the catalytic pyrolysis of paddy husk by use of thermogravimetric data and the Coats-Redfern model. <i>Research on Chemical Intermediates</i> , 2015, 41, 9743-9755.	2.7	50

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37	Valorization of exo-microbial fermented coconut endosperm waste by black soldier fly larvae for simultaneous biodiesel and protein productions. <i>Environmental Research</i> , 2020, 185, 109458.	7.5	50
38	Lipid for biodiesel production from attached growth <i>Chlorella vulgaris</i> biomass cultivating in fluidized bed bioreactor packed with polyurethane foam material. <i>Bioresource Technology</i> , 2017, 239, 127-136.	9.6	49
39	High biodiesel yield from wet microalgae paste via in-situ transesterification: Effect of reaction parameters towards the selectivity of fatty acid esters. <i>Fuel</i> , 2020, 272, 117718.	6.4	47
40	Fast pyrolysis of hardwood residues using a fixed bed drop-type pyrolyzer. <i>Energy Conversion and Management</i> , 2015, 98, 208-214.	9.2	46
41	Optimization and kinetic study of ultrasonic assisted esterification process from rubber seed oil. <i>Bioresource Technology</i> , 2018, 247, 51-57.	9.6	45
42	A study on torrefaction of <i>Laminaria japonica</i> . <i>Fuel Processing Technology</i> , 2015, 138, 133-138.	7.2	42
43	Co-gasification of palm kernel shell and polystyrene plastic: Effect of different operating conditions. <i>Journal of the Energy Institute</i> , 2020, 93, 1045-1052.	5.3	41
44	Torrefaction in the Presence of Oxygen and Carbon Dioxide: The Effect on Yield of Oil Palm Kernel Shell. <i>Procedia Chemistry</i> , 2014, 9, 194-201.	0.7	40
45	In situ catalytic fast pyrolysis of paddy husk pyrolysis vapors over MCM-22 and ITQ-2 zeolites. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 114, 32-39.	5.5	38
46	Process simulation and techno economic analysis of renewable diesel production via catalytic decarboxylation of rubber seed oil – A case study in Malaysia. <i>Journal of Environmental Management</i> , 2017, 203, 950-961.	7.8	37
47	NMR Diffusion and Relaxation Time Studies of HEUR Associating Polymer Binding to Polystyrene Latex. <i>Macromolecules</i> , 1996, 29, 63-69.	4.8	35
48	Studies on catalytic pyrolysis of empty fruit bunch (EFB) using Taguchi's L9 Orthogonal Array. <i>Journal of the Energy Institute</i> , 2014, 87, 227-234.	5.3	35
49	Sustainable green pretreatment approach to biomass-to-energy conversion using natural hydro-low-transition-temperature mixtures. <i>Bioresource Technology</i> , 2018, 261, 361-369.	9.6	35
50	Thermogravimetric analysis and kinetic modeling of low-transition-temperature mixtures pretreated oil palm empty fruit bunch for possible maximum yield of pyrolysis oil. <i>Bioresource Technology</i> , 2018, 255, 189-197.	9.6	34
51	Flocculation and mechanism of self-flocculating lipid producer microalga <i>Scenedesmus quadricauda</i> for biomass harvesting. <i>Biomass and Bioenergy</i> , 2016, 93, 38-42.	5.7	33
52	Optimization of hydrothermal liquefaction of palm kernel shell and consideration of supercritical carbon dioxide mediation effect. <i>Journal of Supercritical Fluids</i> , 2018, 133, 640-646.	3.2	33
53	Catalytic Pyrolysis Of <i>Botryococcus Braunii</i> (microalgae) Over Layered and Delaminated Zeolites For Aromatic Hydrocarbon Production. <i>Energy Procedia</i> , 2017, 142, 381-385.	1.8	32
54	Preparation of monodispersed polymeric microspheres for toner particles by the shirasu porous glass membrane emulsification technique. <i>Journal of Applied Polymer Science</i> , 1997, 64, 1107-1113.	2.6	31

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55	Hydrodeoxygenation of Guaiacol over Al-MCM-41 Supported Metal Catalysts: A Comparative Study of Co and Ni. <i>Procedia Engineering</i> , 2016, 148, 1252-1258.	1.2	31
56	Mechanistic kinetic models describing impact of early attachment between <i>Chlorella vulgaris</i> and polyurethane foam material in fluidized bed bioreactor on lipid for biodiesel production. <i>Algal Research</i> , 2018, 33, 209-217.	4.6	31
57	Synthesis of Biodiesel from Palm Oil in Capillary Millichannel Reactor: Effect of Temperature, Methanol to Oil Molar Ratio, and KOH Concentration on FAME Yield. <i>Procedia Chemistry</i> , 2014, 9, 165-171.	0.7	30
58	Ionic liquids toxicity on fresh water microalgae, <i>Scenedesmus quadricauda</i> , <i>Chlorella vulgaris</i> & <i>Botryococcus braunii</i> ; selection criterion for use in a two-phase partitioning bioreactor (TPPBR). <i>Chemosphere</i> , 2017, 184, 642-651.	8.2	30
59	A Study on Torrefaction of Oil Palm Biomass. <i>Journal of Applied Sciences</i> , 2012, 12, 1130-1135.	0.3	30
60	Torrefaction of Empty Fruit Bunch in the Presence of Combustion Gas. <i>Procedia Engineering</i> , 2016, 148, 750-757.	1.2	29
61	Preparation of GPC Packed Polymer Beads by a SPG Membrane Emulsifier.. <i>Journal of Chemical Engineering of Japan</i> , 1995, 28, 656-659.	0.6	28
62	Biodiesel Production from Palm Oil Using Micro Tube Reactors: Effects of Catalyst Concentration and Residence Time. <i>Procedia Engineering</i> , 2016, 148, 354-360.	1.2	28
63	Preparation of divinylbenzene homopolymeric microcapsules with highly porous membranes by in situ polymerization with solvent evaporation.. <i>Journal of Chemical Engineering of Japan</i> , 1995, 28, 78-84.	0.6	27
64	Choline chloride (ChCl) and monosodium glutamate (MSG)-based green solvents from optimized cactus malic acid for biomass delignification. <i>Bioresource Technology</i> , 2017, 244, 941-948.	9.6	27
65	Preparation and extraction properties of microcapsules containing tri-n-octyl amine as core material.. <i>Journal of Chemical Engineering of Japan</i> , 1993, 26, 198-204.	0.6	26
66	A Review of Bio-Oil Upgrading by Catalytic Hydrodeoxygenation. <i>Applied Mechanics and Materials</i> , 0, 625, 255-258.	0.2	26
67	Potential of renewable energy sources and its applications in Yakushima Island. <i>Renewable Energy</i> , 2004, 29, 581-591.	8.9	25
68	Effect of ethanedioic acid functionalization on Ni/Al ₂ O ₃ catalytic hydrodeoxygenation and isomerization of octadec-9-enoic acid into biofuel: kinetics and Arrhenius parameters. <i>Journal of Energy Chemistry</i> , 2016, 25, 158-168.	12.9	25
69	Co-synthesis of methanol and methyl formate from CO ₂ hydrogenation over oxalate ligand functionalized ZSM-5 supported Cu/ZnO catalyst. <i>Journal of CO₂ Utilization</i> , 2017, 17, 273-283.	6.8	24
70	Fractionation of pyrolysis oil via supercritical carbon dioxide extraction: Optimization study using response surface methodology (RSM). <i>Biomass and Bioenergy</i> , 2017, 107, 155-163.	5.7	24
71	Flash-Pyrolyzed Product Distribution of Major Plastics in a Batch Reactor.. <i>Journal of Chemical Engineering of Japan</i> , 2001, 34, 1293-1299.	0.6	23
72	Catalytic Consequences of Micropore Topology on Biomass Pyrolysis Vapors over Shape Selective Zeolites. <i>Energy Procedia</i> , 2017, 105, 557-561.	1.8	23

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73	Liquefaction of palm kernel shell in sub- and supercritical water for bio-oil production. Journal of the Energy Institute, 2018, 91, 721-732.	5.3	23
74	Torrefaction of Empty Fruit Bunches in Inert Condition at Various Temperature and Time. Procedia Engineering, 2016, 148, 573-579.	1.2	22
75	Extraction of palm kernel shell derived pyrolysis oil by supercritical carbon dioxide: Evaluation and modeling of phenol solubility. Biomass and Bioenergy, 2018, 116, 106-112.	5.7	22
76	Revealing the effect of reaction parameters towards alkyl group distribution in in-situ transesterification of <i>Chlorella vulgaris</i> . Energy Conversion and Management, 2019, 185, 223-231.	9.2	21
77	The effect of coatings formed by low temperature tetramethoxysilane plasma treatment on water-vapor permeability of poly(L-lactic acid) film. Korean Journal of Chemical Engineering, 2006, 23, 144-147.	2.7	20
78	Supercritical Water Gasification on Three Types of Microalgae in the Presence and Absence of Catalyst and Salt. Procedia Engineering, 2016, 148, 594-599.	1.2	20
79	Transesterification of Mixture of Castor Oil and Sunflower Oil in Millichannel Reactor: FAME Yield and Flow Behaviour. Procedia Engineering, 2016, 148, 378-384.	1.2	19
80	Production and Evaluation of Physicochemical Characteristics of Paddy Husk Bio-char for its C Sequestration Applications. Bioenergy Research, 2015, 8, 1800-1809.	3.9	18
81	Cultivation of <i>Chlorella vulgaris</i> Using Plant-based and Animal Waste-based Compost: A Comparison Study. Procedia Engineering, 2016, 148, 679-686.	1.2	18
82	Structural control of core/shell polystyrene microcapsule-immobilized microbial cells and their application to polymeric microbioreactors. Journal of Applied Polymer Science, 2003, 89, 1966-1975.	2.6	17
83	Reaction kinetic and thermodynamics studies for in-situ transesterification of wet microalgae paste to biodiesel. Chemical Engineering Research and Design, 2021, 169, 250-264.	5.6	17
84	Characteristics of Flow Behavior in Semi-Cylindrical Spouted Bed with Draft Tube.. Journal of Chemical Engineering of Japan, 1998, 31, 677-682.	0.6	16
85	Liquefaction of palm kernel shell to bio-oil using sub- and supercritical water: An overall kinetic study. Journal of the Energy Institute, 2019, 92, 535-541.	5.3	16
86	One-path catalytic supercritical methanothermal production of fatty acid methyl ester fractions from wet microalgae <i>Chlorella vulgaris</i> . Biomass and Bioenergy, 2020, 143, 105834.	5.7	15
87	Novel Procedure for Monodispersed Polymeric Microspheres with High Electrifying Additive Content by Particle-Shrinking Method Via SPG Membrane Emulsification.. Journal of Chemical Engineering of Japan, 1996, 29, 1027-1029.	0.6	14
88	Effect of precursor acidity on zeolite supported Pd catalyst properties and hydrodeoxygenation activity for the production of biofuel. Journal of Molecular Catalysis A, 2015, 400, 179-186.	4.8	14
89	Optimization of Biodiesel Production over Alkaline Modified Clay Catalyst. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 456-462.	0.2	14
90	Catalytic alcohothermal liquefaction of wet microalgae with supercritical methanol. Journal of Supercritical Fluids, 2020, 157, 104704.	3.2	14

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91	Hydrodeoxygenation of Guaiacol over Pd-Co and Pd-Fe Catalysts: Deactivation and Regeneration Processes, 2021, 9, 430.	2.8	14
92	Simultaneous harvesting and cell disruption of microalgae using ozone bubbles: optimization and characterization study for biodiesel production. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 1257-1268.	4.4	14
93	Microwave-assisted hydrothermal extraction of natural malic acid for the synthesis of low transition temperature mixtures. <i>Journal of Cleaner Production</i> , 2016, 113, 919-924.	9.3	13
94	Life Cycle Assessment (LCA) of Production and Fractionation of Bio-Oil Derived from Palm Kernel Shell: a Gate-to-Gate Case Study. <i>Process Integration and Optimization for Sustainability</i> , 2018, 2, 343-351.	2.6	13
95	Valorization of fish bone waste as novel bioflocculant for rapid microalgae harvesting: Experimental evaluation and modelling using back propagation artificial neural network. <i>Journal of Water Process Engineering</i> , 2022, 47, 102808.	5.6	13
96	Encapsulation of hydrogen storage alloy by polymer.. <i>Journal of Chemical Engineering of Japan</i> , 1991, 24, 377-381.	0.6	12
97	Production of Biodiesel from Rubber Seeds (<i>Hevea Brasiliensis</i>) by In situ Transesterification Method. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2015, 94, 763-768.	0.2	12
98	Vapor-phase hydrodeoxygenation of lignin-derived bio-oil over Al-MCM-41 supported Pd-Co and Pd-Fe catalysts. <i>Molecular Catalysis</i> , 2021, , 111435.	2.0	12
99	Controlled release of styrene-divinylbenzene copolymer microcapsules by phase transformation of encapsulated stearic acid.. <i>Journal of Chemical Engineering of Japan</i> , 1994, 27, 479-484.	0.6	10
100	Catalytic decomposition of hydrocarbon into hydrogen and carbon in a spouted-bed reactor as the second-stage reactor of a plastic recycling process. <i>Journal of Material Cycles and Waste Management</i> , 2003, 5, 94-97.	3.0	10
101	Characterization of oil palm biomass as feed for torrefaction process. , 2011, , .		10
102	Formation of nickel concentration profile in nickel/alumina catalyst during post-impregnation drying.. <i>Journal of Chemical Engineering of Japan</i> , 1987, 20, 117-123.	0.6	9
103	Delignification kinetics of empty fruit bunch (EFB): a sustainable and green pretreatment approach using malic acid-based solvents. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1987-2000.	4.1	9
104	Formation of Lead-Free Sealing Glasses in the Quaternary System V2O5-ZnO-BaO-TeO2. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 233-239.	0.3	9
105	Effect of nickel concentration profile on selectivity of acetylene hydrogenation.. <i>Journal of Chemical Engineering of Japan</i> , 1989, 22, 287-291.	0.6	8
106	Thermogravimetric Kinetics of Catalytic and Non-Catalytic Pyrolytic Conversion of Palm Kernel Shell with Acid-Treated Coal Bottom Ash. <i>Bioenergy Research</i> , 2020, 13, 452-462.	3.9	8
107	EFFECT OF DISTRIBUTOR ON BUBBLE SIZE AND BUBBLE RISE VELOCITY IN THE SLUGGING REGIME OF A SEMI-CYLINDRICAL GAS-SOLID FLUIDIZED BED. <i>Chemical Engineering Communications</i> , 1991, 101, 39-44.	2.6	7
108	Regeneration of Styrene-divinylbenzene Copolymer Microcapsules Containing Tri-n-octyl Amine.. <i>Journal of Chemical Engineering of Japan</i> , 1993, 26, 692-697.	0.6	7

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109	STRIPPING RATE OF PROPIONIC ACID FROM STYRENE-DIVINYLBENZENE COPOLYMERIC MICROCAPSULES WITH TRI-N-OCTYL AMINE AS CORE MATERIAL. Solvent Extraction and Ion Exchange, 1995, 13, 333-351.	2.0	7
110	Process Systems Engineering. Catalytic Coal Gasification Using a Draft Tube Spouted Bed Gasifier.. Kagaku Kogaku Ronbunshu, 1996, 22, 1180-1184.	0.3	7
111	Physiochemical Properties of Pyrolysis Oil Derived from Fast Pyrolysis of Wet and Dried Rice Husk in a Free Fall Reactor. Applied Mechanics and Materials, 0, 625, 604-607.	0.2	7
112	Nano-catalysts for upgrading bio-oil: Catalytic decarboxylation and hydrodeoxygenation. AIP Conference Proceedings, 2017, , .	0.4	7
113	pH optimization to promote attached growth of microalgae biomass onto polyurethane foam material. AIP Conference Proceedings, 2018, , .	0.4	7
114	Development of Thermal Heat Storage Material Utilizing Fatty Acids as Solid-Liquid Phase Change Materials.. Kagaku Kogaku Ronbunshu, 2002, 28, 451-455.	0.3	7
115	Characterization of supported nickel catalysts prepared by deposition of nickel chloride vapor on alumina.. Journal of Chemical Engineering of Japan, 1989, 22, 48-54.	0.6	6
116	Fossil Energy. Development of a Spouted Bed-Type Coal Gasifier with Cycling Thermal Medium Particles.. Kagaku Kogaku Ronbunshu, 1994, 20, 758-765.	0.3	6
117	pH-sensitive release from poly(Acrylamide-CO-N,N'-methylene bisacrylamide) microspheres.. Journal of Chemical Engineering of Japan, 1995, 28, 46-52.	0.6	6
118	Effect of Operating Conditions and Fractional Condensation on Pyrolytic Products. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2013, 92, 1014-1020.	0.2	6
119	Transesterification of Palm Oil in a Millichannel Reactor. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2013, 92, 905-908.	0.2	6
120	Process Evaluation for Torrefaction of Empty Fruit Bunch in Malaysia. Journal of the Japan Petroleum Institute, 2014, 57, 88-93.	0.6	6
121	The Effect of Aeration Rate on the Growth of <i>Scenedesmus quadricauda</i> in Column Photobioreactor. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2015, 94, 177-180.	0.2	6
122	Insect-based lipid for biodiesel production. AIP Conference Proceedings, 2018, , .	0.4	6
123	Life cycle assessment of oil palm empty fruit bunch delignification using natural malic acid-based low-transition-temperature mixtures: a gate-to-gate case study. Clean Technologies and Environmental Policy, 2018, 20, 1917-1928.	4.1	6
124	Permeability control of active agent from polymeric microcapsules by coating of gelatin/gum arabic membrane.. Journal of Chemical Engineering of Japan, 1996, 29, 379-381.	0.6	6
125	Electro-Sensitive Microcapsule Immobilized Ferroelectric Liquid Crystal.. Journal of Chemical Engineering of Japan, 2002, 35, 398-400.	0.6	6
126	Estimation of bubble-to-liquid mass transfer rate coefficient by transient response technique and by steady state reaction studies.. Journal of Chemical Engineering of Japan, 1978, 11, 465-469.	0.6	5

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127	Effects of nickel source material on characteristics of nickel/alumina impregnated catalysts.. Journal of Chemical Engineering of Japan, 1987, 20, 563-568.	0.6	5
128	Electrostatic property of polymer microspheres prepared by suspension polymerization.. Kagaku Kogaku Ronbunshu, 1990, 16, 219-226.	0.3	5
129	Electrooptical-responsive microsphere with ferroelectric liquid crystalline segments. Journal of Applied Polymer Science, 2001, 81, 2490-2499.	2.6	5
130	Energy system based on hydrodynamic power in Yakushima Island. Renewable Energy, 2004, 29, 1-11.	8.9	5
131	Effect of MgO Loading on the Production of Biodiesel from Jatropha Oil in the Presence of MgO/MCM-22 Catalyst. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2018, 97, 191-199.	0.2	5
132	Coating of Particles with Finer Particles Using a Draft-Tube Spouted-Bed.. Journal of Chemical Engineering of Japan, 2000, 33, 526-528.	0.6	5
133	Effect of bed temperature on bubble size and bubble rising velocity in a semi-cylindrical slugging fluidized bed.. Journal of Chemical Engineering of Japan, 1990, 23, 765-767.	0.6	4
134	Conveying Characteristics Of Fine Particles Using Converging Nozzle.. Kagaku Kogaku Ronbunshu, 1998, 24, 365-369.	0.3	4
135	Application of High-Velocity Fluidized Bed Reactor for Producing Hollow Inorganic Microspheres from Volcanic Glass Particles.. Journal of Chemical Engineering of Japan, 1998, 31, 298-301.	0.6	4
136	Effects of preparation variables on characteristics of nickel impregnated alumina catalysts with low nickel contents.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 1986, 29, 143-150.	0.1	4
137	Mass and Energy Yields of Bio-oil Obtained by Microwave-induced Pyrolysis of Oil Palm Kernel Shell. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2012, 91, 954-959.	0.2	4
138	Characterization of nickel-alumina catalysts impregnated in alcohol solution.. Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute), 1987, 30, 53-58.	0.1	3
139	Triboelectric Charge Control of Polymer Microspheres by Low Temperature Plasma Treatments.. Kagaku Kogaku Ronbunshu, 1997, 23, 578-582.	0.3	3
140	PREPARATION OF MICROSPHERES WITH LIQUID CRYSTAL RESPONSES. Chemical Engineering Communications, 2001, 185, 183-199.	2.6	3
141	Review on Pyrolysis of Hardwood Residue to Biofuel. Applied Mechanics and Materials, 0, 625, 714-717.	0.2	3
142	Fast Pyrolysis of Oil Palm Kernel Shell in a Fluidized Bed Reactor: The Effect of Pyrolysis Temperature on the Yields of Pyrolysis Products. Applied Mechanics and Materials, 0, 625, 616-619.	0.2	3
143	Application of Micro- or Small-Scale Biomass-Derived Fuel System for Power Generation. , 2014, , 339-367.		3
144	Heat and Mass Transfer during Lignocellulosic Biomass Torrefaction: Contributions from the Major Components—Cellulose, Hemicellulose, and Lignin. Processes, 2020, 8, 959.	2.8	3

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145	Catalytic Transfer Hydrogenation of Castor Oil Using Glycerol-Based Reaction. Waste and Biomass Valorization, 2020, 11, 5591-5597.	3.4	3
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