

Ji-Yeon Park

List of Publications by Year in descending order

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218677

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#	ARTICLE	IF	CITATIONS
1	Behavior of Surfactants in Oil Extraction by Surfactant-Assisted Acidic Hydrothermal Process from <i>Chlorella vulgaris</i> . <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 319-334.	2.9	5
2	Recovery of Astaxanthin-Containing Oil from <i>Haematococcus pluvialis</i> by Nano-dispersion and Oil Partitioning. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 1304-1318.	2.9	11
3	Extraction of microalgal oil from <i>Nannochloropsis oceanica</i> by potassium hydroxide-assisted solvent extraction for heterogeneous transesterification. <i>Renewable Energy</i> , 2020, 162, 2056-2065.	8.9	11
4	Switchable solvent N, N, N, N-tetraethyl-1, 3-propanediamine was dissociated into cationic surfactant to promote cell disruption and lipid extraction from wet microalgae for biodiesel production. <i>Bioresource Technology</i> , 2020, 312, 123607.	9.6	17
5	In-situ upgrading of bio-tar over Mg-Ni-Mo catalyst supported by KOH treated activated charcoal in supercritical ethanol. <i>Fuel</i> , 2019, 247, 334-343.	6.4	22
6	Effects of supercritical fluids in catalytic upgrading of biomass pyrolysis oil. <i>Chemical Engineering Journal</i> , 2019, 377, 120312.	12.7	15
7	High-efficiency cell disruption and astaxanthin recovery from <i>Haematococcus pluvialis</i> cyst cells using room-temperature imidazolium-based ionic liquid/water mixtures. <i>Bioresource Technology</i> , 2019, 274, 120-126.	9.6	76
8	Efficient upgrading of pyrolysis bio-oil over Ni-based catalysts in supercritical ethanol. <i>Fuel</i> , 2019, 241, 207-217.	6.4	36
9	Creep and creep-rupture of Alloy 617. <i>Nuclear Engineering and Design</i> , 2018, 329, 142-146.	1.7	22
10	Critical Point Drying: An Effective Drying Method for Direct Measurement of the Surface Area of a Pretreated Cellulosic Biomass. <i>Polymers</i> , 2018, 10, 676.	4.5	18
11	Acidified-flocculation process for harvesting of microalgae: Coagulant reutilization and metal-free-microalgae recovery. <i>Bioresource Technology</i> , 2017, 239, 190-196.	9.6	48
12	Downstream integration of microalgae harvesting and cell disruption by means of cationic surfactant-decorated Fe ₃ O ₄ nanoparticles. <i>Green Chemistry</i> , 2016, 18, 3981-3989.	9.0	88
13	Dual-end-functionalized tin (Sn)-phyllosilicates for the esterification of oleic acid. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 41, 50-61.	5.8	4
14	Cell-wall disruption and lipid/astaxanthin extraction from microalgae: <i>Chlorella</i> and <i>Haematococcus</i> . <i>Bioresource Technology</i> , 2016, 199, 300-310.	9.6	256
15	Feasibility tests of SO ₃ H/SO ₃ ⁺ -functionalized magnesium phyllosilicate [SO ₃ H/SO ₃ ⁺ MP] for environmental and bioenergy applications. <i>RSC Advances</i> , 2015, 5, 63271-63277.	3.6	4
16	Magnetic-Nanoflocculant-Assisted Water-Nonpolar Solvent Interface Sieve for Microalgae Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18336-18343.	8.0	39
17	An integrated process for microalgae harvesting and cell disruption by the use of ferric ions. <i>Bioresource Technology</i> , 2015, 191, 469-474.	9.6	37
18	Hydrothermal acid treatment for sugar extraction from <i>Golenkinia</i> sp.. <i>Bioresource Technology</i> , 2015, 190, 408-411.	9.6	22

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19	Advances in direct transesterification of algal oils from wet biomass. <i>Bioresource Technology</i> , 2015, 184, 267-275.	9.6	156
20	Sonication-assisted homogenization system for improved lipid extraction from <i>Chlorella vulgaris</i> . <i>Renewable Energy</i> , 2015, 79, 3-8.	8.9	46
21	Effect of nitric acid on pretreatment and fermentation for enhancing ethanol production of rice straw. <i>Carbohydrate Polymers</i> , 2014, 99, 563-567.	10.2	81
22	Acid-catalyzed hot-water extraction of lipids from <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2014, 153, 408-412.	9.6	79
23	Repeated use of stable magnetic flocculant for efficient harvest of oleaginous <i>Chlorella</i> sp.. <i>Bioresource Technology</i> , 2014, 167, 284-290.	9.6	64
24	Improved biomass and lipid production in a mixotrophic culture of <i>Chlorella</i> sp. KR-1 with addition of coal-fired flue-gas. <i>Bioresource Technology</i> , 2014, 171, 500-505.	9.6	76
25	Hydrothermal nitric acid treatment for effectual lipid extraction from wet microalgae biomass. <i>Bioresource Technology</i> , 2014, 172, 138-142.	9.6	30
26	Effects of molten-salt/ionic-liquid mixture on extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2199-2204.	3.4	17
27	Effects of ionic liquid mixtures on lipid extraction from <i>Chlorella vulgaris</i> . <i>Renewable Energy</i> , 2014, 65, 169-174.	8.9	114
28	Aminoclay-induced humic acid flocculation for efficient harvesting of oleaginous <i>Chlorella</i> sp.. <i>Bioresource Technology</i> , 2014, 153, 365-369.	9.6	28
29	Lipid extraction from <i>Chlorella vulgaris</i> by molten-salt/ionic-liquid mixtures. <i>Algal Research</i> , 2014, 3, 44-48.	4.6	60
30	Aminoclay-conjugated TiO ₂ synthesis for simultaneous harvesting and wet-disruption of oleaginous <i>Chlorella</i> sp.. <i>Chemical Engineering Journal</i> , 2014, 245, 143-149.	12.7	54
31	Effects of anionic surfactant on extraction of free fatty acid from <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2014, 166, 620-624.	9.6	25
32	Acid-catalyzed hot-water extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioresource Technology</i> , 2014, 161, 469-472.	9.6	25
33	Changes in fatty acid composition of <i>Chlorella vulgaris</i> by hypochlorous acid. <i>Bioresource Technology</i> , 2014, 162, 379-383.	9.6	25
34	Effects of enzymatic hydrolysis on lipid extraction from <i>Chlorella vulgaris</i> . <i>Renewable Energy</i> , 2013, 54, 156-160.	8.9	106
35	Optimization of NaOH-catalyzed steam pretreatment of empty fruit bunch. <i>Biotechnology for Biofuels</i> , 2013, 6, 170.	6.2	55
36	Oil extraction by aminoparticle-based H ₂ O ₂ activation via wet microalgae harvesting. <i>RSC Advances</i> , 2013, 3, 12802.	3.6	51

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37	Lipid extractions from docosahexaenoic acid (DHA)-rich and oleaginous <i>Chlorella</i> sp. biomasses by organic-nanoclays. <i>Bioresource Technology</i> , 2013, 137, 74-81.	9.6	66
38	Enhancement of enzymatic digestibility of <i>Eucalyptus grandis</i> pretreated by NaOH catalyzed steam explosion. <i>Bioresource Technology</i> , 2012, 123, 707-712.	9.6	39
39	Enhancement of enzymatic digestibility of oil palm empty fruit bunch by ionic-liquid pretreatment. <i>Energy</i> , 2012, 47, 11-16.	8.8	27
40	Esterification of free fatty acids using water-tolerable Amberlyst as a heterogeneous catalyst. <i>Bioresource Technology</i> , 2010, 101, S62-S65.	9.6	150
41	Production of biodiesel from soapstock using an ion-exchange resin catalyst. <i>Korean Journal of Chemical Engineering</i> , 2008, 25, 1350-1354.	2.7	19
42	Production and Characterization of Biodiesel from Tung Oil. <i>Applied Biochemistry and Biotechnology</i> , 2008, 148, 109-117.	2.9	66
43	Blending effects of biodiesels on oxidation stability and low temperature flow properties. <i>Bioresource Technology</i> , 2008, 99, 1196-1203.	9.6	286