

# Yi-Hsu Ju

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

3,479  
citations

29  
h-index

54  
g-index

130  
ext. papers

4,044  
ext. citations

4.7  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
126	An innovative approach in the synthesis of solid acid catalyst from sugarcane bagasse for the esterification of oleic acid and methanol. <i>Biomass and Bioenergy</i> , <b>2022</b> , 157, 106351	5.3	2
125	Facile synthesis of superparamagnetic thiamine/FeO with enhanced adsorptivity toward divalent copper ions. <i>Chemosphere</i> , <b>2021</b> , 291, 132759	8.4	0
124	Graphene oxide-carboxymethyl cellulose hydrogel beads for uptake and release study of doxorubicin. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2021</b> , 16, e2646	1.3	0
123	One-step synthesis of nitrogen-grafted copper-gallic acid for enhanced methylene blue removal. <i>Scientific Reports</i> , <b>2021</b> , 11, 12021	4.9	3
122	Fabrication of cellulose carbamate hydrogel-dressing with rarasaponin surfactant for enhancing adsorption of silver nanoparticles and antibacterial activity. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111542	8.3	10
121	Synthesizing Precursors for Functional Food Structured Lipids from Soybean Oil Deodorized Distillates. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 3899-3911	3.2	3
120	Process evaluation of solvent-free lipase-catalyzed esterification schemes in the synthesis of structured triglycerides from oleic and palmitic acids. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2021</b> , 16, e2606	1.3	2
119	Bioactivity Studies of Hesperidin and XAV939. <i>ACS Omega</i> , <b>2021</b> , 6, 20042-20052	3.9	4
118	Synthesis and Initial Evaluation of Solid Acid Catalyst Derived from Spent Coffee Grounds for the Esterification of Oleic Acid and Methanol. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 4387	3.2	3
117	Hydrophobic Cetyltrimethylammonium Bromide-Pillared Bentonite as an Effective Palm Oil Bleaching Agent. <i>ACS Omega</i> , <b>2020</b> , 5, 28844-28855	3.9	5
116	Studies on the performance of bentonite and its composite as phosphate adsorbent and phosphate supplementation for plant. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 399, 123130	12.8	8
115	An iron-carboxylate-based metal-organic framework for Furosemide loading and release. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 13785-13798	4.3	4
114	Enhanced Lipid Production in <i>Yarrowia lipolytica</i> Po1g by Over-expressing Iro1 Gene under Two Different Promoters. <i>Applied Biochemistry and Biotechnology</i> , <b>2020</b> , 191, 104-111	3.2	6
113	Non-catalytic and heterogeneous acid/base-catalyzed biodiesel production: Recent and future developments. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2020</b> , 15, e2490	1.3	8
112	A study of anionic, cationic, and nonionic surfactants modified starch nanoparticles for hydrophobic drug loading and release. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 298, 112034	6	22
111	Non-catalytic Transesterification of Waste Cooking Oil with High Free Fatty Acids Content Using Subcritical Methanol: Process Optimization and Evaluation. <i>Waste and Biomass Valorization</i> , <b>2020</b> , 11, 5771-5781	3.2	2
110	Improved solvent economy and rate of rice bran lipid extraction using hydrolyzed rice bran with hexane as solvent. <i>Biomass and Bioenergy</i> , <b>2020</b> , 142, 105773	5.3	6

109	Protonation Equilibria of -Acetylcysteine. <i>ACS Omega</i> , <b>2020</b> , 5, 19598-19605	3.9	5
108	Aqueous synthesis of highly adsorptive copper-gallic acid metal-organic framework. <i>Scientific Reports</i> , <b>2020</b> , 10, 19212	4.9	8
107	The capacity of major countries in Southeast Asia in meeting biodiesel mandates and pursue higher blends based on available major feedstocks. <i>Biofuels</i> , <b>2020</b> , 1-13	2	2
106	Sugarcane processing by-products for bioethanol production in the Philippines: a retrospective assessment from 2007 to 2017 and future challenges. <i>Biofuels</i> , <b>2020</b> , 1-11	2	
105	Hydrolyzed rice bran as source of lipids and solid acid catalyst during in situ (trans)esterification. <i>Biofuels</i> , <b>2020</b> , 11, 221-227	2	11
104	Solid fuel from Co-briquetting of sugarcane bagasse and rice bran. <i>Renewable Energy</i> , <b>2020</b> , 147, 1941-1958	8.5	19
103	Cacao shell-derived solid acid catalyst for esterification of oleic acid with methanol. <i>Renewable Energy</i> , <b>2019</b> , 138, 489-501	8.1	44
102	Eco-friendly cellulose/Bentonite porous composite hydrogels for adsorptive removal of azo dye and soilless culture. <i>Cellulose</i> , <b>2019</b> , 26, 3339-3358	5.5	34
101	Simultaneously carbonized and sulfonated sugarcane bagasse as solid acid catalyst for the esterification of oleic acid with methanol. <i>Renewable Energy</i> , <b>2019</b> , 130, 510-523	8.1	45
100	Effect of natural and synthetic surfactants on polysaccharide nanoparticles: Hydrophobic drug loading, release, and cytotoxic studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 578, 123618	5.1	13
99	Diglyceride production via noncatalyzed esterification of glycerol and oleic acid. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2019</b> , 14, e2383	1.3	3
98	<i>Lipomyces starkeyi</i> : Its current status as a potential oil producer. <i>Fuel Processing Technology</i> , <b>2018</b> , 177, 39-55	7.2	29
97	Production of biodiesel from sea mango ( <i>Cerbera odollam</i> ) seed using in situ subcritical methanol/water under a non-catalytic process. <i>International Journal of Industrial Chemistry</i> , <b>2018</b> , 9, 53-59 <sup>3.1</sup>	3.1	8
96	Effect of subcritical water pretreatment on cellulose recovery of water hyacinth ( <i>Eichhornia crassipes</i> ). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 71, 55-61	5.3	14
95	Preparation of nanocrystalline cellulose-montmorillonite composite via thermal radiation for liquid-phase adsorption. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 29-37	6	14
94	How does chromatin package DNA within nucleus and regulate gene expression?. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 101, 862-881	7.9	4
93	Release of sugar by acid hydrolysis from rice bran for single cell oil production and subsequent in-situ transesterification for biodiesel preparation. <i>Fuel Processing Technology</i> , <b>2017</b> , 167, 281-291	7.2	20
92	Nanocellulose based biosorbents for wastewater treatment: Study of isotherm, kinetic, thermodynamic and reusability. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2017</b> , 8, 134-149	3.3	54

91	Kinetic evaluation of simultaneous waste cooking oil hydrolysis and reactive liquid-liquid Cu extraction from synthetic Cu-containing wastewater: Effect of various co-contaminants. <i>Separation and Purification Technology</i> , <b>2017</b> , 187, 184-192	8.3	4
90	Cellulose nanocrystals from passion fruit peels waste as antibiotic drug carrier. <i>Carbohydrate Polymers</i> , <b>2017</b> , 175, 370-376	10.3	48
89	Maximized Utilization of Raw Rice Bran in Microbial Oils Production and Recovery of Active Compounds: A proof of concept. <i>Waste and Biomass Valorization</i> , <b>2017</b> , 8, 1067-1080	3.2	12
88	Adsorption and photocatalytic performance of bentonite-titanium dioxide composites for methylene blue and rhodamine B decoloration. <i>Heliyon</i> , <b>2017</b> , 3, e00488	3.6	51
87	Platinum and vanadate Bioactive Complexes of Glycoside Naringin and Phenolates. <i>Open Chemistry</i> , <b>2017</b> , 15, 189-199	1.6	5
86	Biodegradable siderophores: survey on their production, chelating and complexing properties. <i>Reviews in Inorganic Chemistry</i> , <b>2016</b> , 36,	2.4	8
85	Levulinic acid from corncob by subcritical water process. <i>International Journal of Industrial Chemistry</i> , <b>2016</b> , 7, 401-409	3.1	9
84	Complexes of 2,6-dihydroxybenzoic acid with divalent metal ions: Synthesis, crystal structure, spectral studies, and biological activity enhancement. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 617-623	6	7
83	Production of glutinous rice flour from broken rice via ultrasonic assisted extraction of amylose. <i>Food Chemistry</i> , <b>2016</b> , 203, 158-164	8.5	18
82	Developments in in-situ (trans) esterification for biodiesel production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 60, 284-305	16.2	83
81	Complex Formation Study of Binary and Ternary Complexes Including 2,3-Dihydroxybenzoic Acid, N-acetylcysteine and Divalent Metal Ions. <i>Journal of Solution Chemistry</i> , <b>2016</b> , 45, 518-533	1.8	4
80	Direct reuse of Cu-laden wastewater for non-edible oil hydrolysis: basic mechanism of metal extraction and fatty acid production. <i>RSC Advances</i> , <b>2016</b> , 6, 25359-25367	3.7	7
79	Bioactivities of Novel Metal Complexes Involving B Vitamins and Glycine. <i>Open Chemistry</i> , <b>2016</b> , 14, 287-298	2.8	12
78	Microbial production of four biodegradable siderophores under submerged fermentation. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 88, 527-41	7.9	6
77	Pretreatment and conversion of lignocellulose biomass into valuable chemicals. <i>RSC Advances</i> , <b>2016</b> , 6, 46834-46852	3.7	147
76	Optimizing mixture properties of biodiesel production using genetic algorithm-based evolutionary support vector machine. <i>International Journal of Green Energy</i> , <b>2016</b> , 13, 1599-1607	3	14
75	Synthesis, characterization, thermodynamics and biological studies of binary and ternary complexes including some divalent metal ions, 2, 3-dihydroxybenzoic acid and N -acetylcysteine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 68, 23-30	5.3	2
74	Preparation of carbon fiber from water hyacinth liquid tar. <i>International Journal of Industrial Chemistry</i> , <b>2015</b> , 6, 1-7	3.1	15

73	Catalyst free production of partial glycerides: acetone as solvent. <i>RSC Advances</i> , <b>2015</b> , 5, 30833-30840	3.7	11
72	Taguchi Method and Grey Relational Analysis to Improve in Situ Production of FAME from Sunflower and Jatropha curcas Kernels with Subcritical Solvent Mixture. <i>JAOCS, Journal of the American Oil ChemistshSociety</i> , <b>2015</b> , 92, 1513-1523	1.8	10
71	Transesterification of activated sludge in subcritical solvent mixture. <i>Bioresource Technology</i> , <b>2015</b> , 197, 30-6	11	19
70	Ammonia removal from water using sodium hydroxide modified zeolite mordenite. <i>RSC Advances</i> , <b>2015</b> , 5, 83689-83699	3.7	38
69	Equilibrium Study of Complex Formation Among Trivalent Metals, Glycine Peptides and Phenolates in Aqueous Solution. <i>Journal of Solution Chemistry</i> , <b>2015</b> , 44, 2129-2143	1.8	2
68	Supercritical CO <sub>2</sub> Extraction of Phytochemical Compounds from Mimosa pudica Linn. <i>Chemical Engineering Communications</i> , <b>2015</b> , 202, 1011-1017	2.2	4
67	Analysis of major antioxidants from extracts of Myrmecodia pendans by UV/visible spectrophotometer, liquid chromatography/tandem mass spectrometry, and high-performance liquid chromatography/UV techniques. <i>Journal of Food and Drug Analysis</i> , <b>2015</b> , 23, 303-309	7	22
66	Production of gamma-valerolactone from sugarcane bagasse over TiO <sub>2</sub> -supported platinum and acid-activated bentonite as a co-catalyst. <i>RSC Advances</i> , <b>2015</b> , 5, 41285-41299	3.7	29
65	Complex equilibrium study of some hydroxy aromatic ligands with beryllium ion. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 212, 524-531	6	5
64	Carbon microsphere from water hyacinth for supercapacitor electrode. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2015</b> , 47, 197-201	5.3	24
63	Solution equilibria studies of complexes of divalent metal ions with 2-aminophenol and 3,4-dihydroxybenzoic acid. <i>Polyhedron</i> , <b>2015</b> , 88, 29-39	2.7	12
62	Catalyst free esterification of fatty acids with methanol under subcritical condition. <i>Energy</i> , <b>2014</b> , 70, 393-400	7.9	20
61	Investigation on supercritical CO <sub>2</sub> extraction of phenolic-phytochemicals from an epiphytic plant tuber (Myrmecodia pendans). <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2014</b> , 6, 26-33	7.6	17
60	Effect of extraction solvent on total phenol content, total flavonoid content, and antioxidant activity of Limnophila aromatica. <i>Journal of Food and Drug Analysis</i> , <b>2014</b> , 22, 296-302	7	738
59	Synthesis of biodiesel from vegetable oils wastewater sludge by in-situ subcritical methanol transesterification: Process evaluation and optimization. <i>Biomass and Bioenergy</i> , <b>2014</b> , 69, 28-38	5.3	33
58	Pomacea sp shell to hydroxyapatite using the ultrasound microwave method (UM). <i>Ceramics International</i> , <b>2014</b> , 40, 11453-11456	5.1	11
57	Separation and purification of cardol, cardanol and anacardic acid from cashew (Anacardium occidentale L.) nut-shell liquid using a simple two-step column chromatography. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 2187-2193	5.3	16
56	In situ transesterification of Jatropha curcas L. seeds in subcritical solvent system. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 1516-1522	5.3	26

55	Equilibrium Studies of Complexes between N-Acetylcysteine and Divalent Metal Ions in Aqueous Solutions. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 1661-1666	2.8	11
54	Applicability of Subcritical Water Treatment on Oil Seeds to Enhance Extractable Lipid. <i>Bioenergy Research</i> , <b>2014</b> , 7, 711-719	3.1	17
53	Sol-gel immobilized enzymatic glucose biosensor on gold interdigitated array (IDA) microelectrode. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 67, 492-500	2.3	9
52	Catalyst-free biodiesel preparation from wet <i>Yarrowia lipolytica</i> P01g biomass under subcritical condition. <i>Fuel Processing Technology</i> , <b>2013</b> , 115, 50-56	7.2	8
51	Impact of pretreatments on morphology and enzymatic saccharification of shedding bark of <i>Melaleuca leucadendron</i> . <i>Bioresource Technology</i> , <b>2013</b> , 139, 410-4	11	5
50	Complex Formation Equilibria and Molecular Structure of Divalent Metal Ions-Vitamin B3-Glycine Oligopeptides Systems. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 2409-2442	1.8	15
49	Bioethanol production from pretreated <i>Melaleuca leucadendron</i> shedding bark--simultaneous saccharification and fermentation at high solid loading. <i>Bioresource Technology</i> , <b>2013</b> , 136, 213-21	11	27
48	Bioethanol production from <i>Yarrowia lipolytica</i> P01g biomass. <i>Bioresource Technology</i> , <b>2013</b> , 145, 210-6	11	24
47	Solubilities of 3-acetylpyridine in supercritical carbon dioxide at several temperatures and pressures: Experimental and modeling. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 354, 127-132	2.5	4
46	Measurement and mathematical modeling of solubility of butyryl-odor substance (acetoin) in supercritical CO <sub>2</sub> at several pressures and temperatures. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 356, 102-108	2.5	7
45	Catechin sublimation pressure and solubility in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 358, 220-225	2.5	10
44	Polysaccharides-induced precipitation of protein from defatted roselle seed and its characterization: Antinutritional factors and functional properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2013</b> , 44, 152-155	5.3	1
43	Measurement and modeling of epicatechin solubility in supercritical carbon dioxide fluid. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 340, 7-10	2.5	9
42	SUPERCritical CO <sub>2</sub> EXTRACTION OF PHENOLIC COMPOUNDS IN ROSELLE (HIBISCUS SABDARIFFA L.). <i>Chemical Engineering Communications</i> , <b>2013</b> , 200, 1187-1196	2.2	7
41	Irresolvable complex mixture of hydrocarbons in soybean oil deodorizer distillate. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 327-33	3.4	4
40	Cu(II), Co(II), and Ni(II)-Antioxidative Phenolate-Glycine Peptide Systems: An Insight into Its Equilibrium Solution Study. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2012</b> , 57, 3443-3451	2.8	25
39	Nickel and Cobalt Complexes of Non-protein L-Norvaline and Antioxidant Ferulic Acid: Potentiometric and Spectrophotometric Studies. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 1156-1164	1.8	13
38	In situ biodiesel production from wet <i>Chlorella vulgaris</i> under subcritical condition. <i>Chemical Engineering Journal</i> , <b>2012</b> , 213, 104-108	14.7	61



37	Purification and Identification of Endogenous and Exogenous Minor Constituents from Vegetable Oils. <i>Separation and Purification Reviews</i> , <b>2012</b> , 41, 62-96	7.3	
36	Facile preparation of sago starch esters using full factorial design of experiment. <i>Starch/Staerke</i> , <b>2012</b> , 64, 590-597	2.3	9
35	Defatted cashew nut shell starch as renewable polymeric material: Isolation and characterization. <i>Carbohydrate Polymers</i> , <b>2012</b> , 87, 2576-2581	10.3	30
34	Subcritical Water Extraction of Phenolic-Rich Product from Defatted Roselle Seed. <i>Journal of Chemical Engineering of Japan</i> , <b>2012</b> , 45, 911-916	0.8	2
33	Complex Stability and Molecular Structure Studies of Divalent Metal Ion with L-Norleucine and Vitamin B3. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 4549-4555	2.8	16
32	Complex Formation Between Ferric(III), Chromium(III), and Cupric(II) Metal Ions and (O,N) and (O,O) Donor Ligands with Biological Relevance in Aqueous Solution. <i>Journal of Solution Chemistry</i> , <b>2011</b> , 40, 1965-1986	1.8	21
31	Isolation and characterization of starch from defatted rice bran. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2011</b> , 42, 86-91	5.3	34
30	PURIFICATION OF AZADIRACHTIN VIA SILICA GEL COLUMN CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2011</b> , 34, 2462-2472	1.3	2
29	Adsorption of Acid Blue 129 from Aqueous Solutions onto Raw and Surfactant-Modified Bentonite: Application of Temperature-Dependent Forms of Adsorption Isotherms. <i>Adsorption Science and Technology</i> , <b>2010</b> , 28, 847-868	3.6	19
28	Expression of feruloyl esterase from <i>Aspergillus awamori</i> in <i>Escherichia coli</i> : Characterization and crystal studies of the recombinant enzyme. <i>International Journal of Biological Macromolecules</i> , <b>2010</b> , 46, 440-4	7.9	9
27	A Simple Two-Step Method for Simultaneous Isolation of Tocopherols and Free Phytosterols from Soybean Oil Deodorizer Distillate with High Purity and Recovery. <i>Separation Science and Technology</i> , <b>2010</b> , 45, 2437-2446	2.5	18
26	Separation of azadirachtin and other limonoids from crude neem oil via solvent precipitation. <i>Separation and Purification Technology</i> , <b>2010</b> , 74, 219-224	8.3	21
25	Release of phenolic acids from defatted rice bran by subcritical water treatment. <i>Journal of the Science of Food and Agriculture</i> , <b>2010</b> , 90, 2576-81	4.3	25
24	Biodiesel production from rice bran by a two-step in-situ process. <i>Bioresource Technology</i> , <b>2010</b> , 101, 984-9	11	66
23	Extraction and analysis of neutral lipids from activated sludge with and without sub-critical water pre-treatment. <i>Bioresource Technology</i> , <b>2010</b> , 101, 8891-6	11	40
22	Separation of Nonpolar Lipid from Soybean Oil Deodorizer Distillate by Stirred Batch-Wise Silica Gel Adsorption-Desorption. <i>Separation Science and Technology</i> , <b>2009</b> , 44, 1621-1637	2.5	6
21	Biodiesel production from rice bran oil and supercritical methanol. <i>Bioresource Technology</i> , <b>2009</b> , 100, 2399-403	11	76
20	Isolation of oryzanol from crude rice bran oil. <i>Bioresource Technology</i> , <b>2009</b> , 100, 299-302	11	46

19	Iron Complexation Studies of Gallic Acid. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2009</b> , 54, 35-42	2.8	91
18	Biochemical studies on native and cross-linked aggregates of <i>Aspergillus awamori</i> feruloyl esterase. <i>International Journal of Biological Macromolecules</i> , <b>2009</b> , 44, 240-8	7.9	25
17	Nonaqueous Solution Studies on the Protonation Equilibria of some Phenolic Acids. <i>Journal of Solution Chemistry</i> , <b>2008</b> , 37, 1305-1319	1.8	27
16	Production, partial purification and characterization of feruloyl esterase by <i>Aspergillus awamori</i> in submerged fermentation. <i>Biotechnology Journal</i> , <b>2008</b> , 3, 1264-75	5.6	15
15	Feruloyl esterases as biotechnological tools: current and future perspectives. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2007</b> , 39, 811-28	2.8	108
14	Direct Synthesis of Mesoporous Sulfated Silica-Zirconia Catalysts with High Catalytic Activity for Biodiesel via Esterification. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 18731-18737	3.8	130
13	Purification and identification of rice bran oil fatty acid steryl and wax esters. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2006</b> , 83, 449-456	1.8	32
12	Enzymatic synthesis of cinnamic acid derivatives. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 581-5	3	40
11	Lipase-catalyzed production of biodiesel from rice bran oil. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2005</b> , 80, 331-337	3.5	131
10	A process for the preparation of food-grade rice bran wax and the determination of its composition. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2005</b> , 82, 57-64	1.8	64
9	Synthesis of the structured lipid 1,3-dioleoyl-2-palmitoylglycerol from palm oil. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2004</b> , 81, 525-532	1.8	39
8	An efficient method for the purification of arachidonic acid from fungal single-cell oil (ARASCO). <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2003</b> , 80, 725-730	1.8	19
7	High-purity $\alpha$ -linolenic acid from borage oil fatty acids. <i>JAACS, Journal of the American Oil Chemistsh Society</i> , <b>2002</b> , 79, 29-32	1.8	15
6	Polyunsaturated fatty acid concentrates from borage and linseed oil fatty acids. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2001</b> , 78, 485-488	1.8	12
5	Enrichment of eicosapentaenoic acid and docosahexaenoic acid in saponified menhaden oil. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>2000</b> , 77, 425-428	1.8	4
4	Separation of Algal Cells from Water by Column flotation. <i>Separation Science and Technology</i> , <b>1999</b> , 34, 2259-2272	2.5	69
3	The incorporation of n-3 polyunsaturated fatty acids into acylglycerols of borage oil via lipase-catalyzed reactions. <i>JAACS, Journal of the American Oil ChemistshSociety</i> , <b>1998</b> , 75, 961-965	1.8	21
2	Enrichment in $\alpha$ -linolenic acid of acylglycerols by the selective hydrolysis of borage oil. <i>Applied Biochemistry and Biotechnology</i> , <b>1997</b> , 67, 227-236	3.2	4



- 1 Enrichment of linolenic acid from borage oil via lipase-catalyzed reactions. *JAACS, Journal of the American Oil Chemists Society*, **1997**, 74, 977-981 1.8 32