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List of Publications by Year
in descending order

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75 papers	7,167 citations	66315 42 h-index	74108 75 g-index
75 all docs	75 docs citations	75 times ranked	4988 citing authors

#	Article	IF	Citations
1	Molybdenum and zirconium oxides supported on KIT-6 silica: A recyclable composite catalyst for oneâ€“pot biodiesel production from simulated low-quality oils. Renewable Energy, 2022, 187, 907-922.	4.3	30
2	Heterogeneous H6PV3MoW8O40/AC-Ag catalyst for biodiesel production: Preparation, characterization and catalytic performance. Fuel, 2022, 316, 123352.	3.4	18
3	Removal of aflatoxin B1 from contaminated peanut oils using magnetic attapulgite. Food Chemistry, 2021, 339, 128072.	4.2	41
4	Grafting copolymerization of dual acidic ionic liquid on core-shell structured magnetic silica: A magnetically recyclable BrÃ¶nsted acid catalyst for biodiesel production by one-pot transformation of low-quality oils. Fuel, 2021, 283, 118893.	3.4	133
5	Sustainable biodiesel production from low-quantity oils utilizing H6PV3MoW8O40 supported on magnetic Fe3O4/ZIF-8 composites. Renewable Energy, 2021, 168, 927-937.	4.3	100
6	Fe3O4-poly(AGE-DVB-GMA) composites immobilized with guanidine as a magnetically recyclable catalyst for enhanced biodiesel production. Renewable Energy, 2021, 174, 758-768.	4.3	24
7	Detoxification of Aflatoxin B1 by magnetic graphene composite adsorbents from contaminated oils. Journal of Hazardous Materials, 2020, 381, 120915.	6.5	52
8	Immobilized polymeric sulfonated ionic liquid on core-shell structured Fe3O4/SiO2 composites: A magnetically recyclable catalyst for simultaneous transesterification and esterifications of low-cost oils to biodiesel. Renewable Energy, 2020, 145, 1709-1719.	4.3	242
9	Biodiesel Production from Low-Quality Oils Using Heterogeneous Cesium Salts of Vanadium-Substituted Polyoxometalate Acid Catalyst. Catalysts, 2020, 10, 1060.	1.6	10
10	Synthesis of heterogenized polyoxometalate-based ionic liquids with BrÃ¶nsted-Lewis acid sites: A magnetically recyclable catalyst for biodiesel production from low-quality oils. Journal of Industrial and Engineering Chemistry, 2020, 87, 162-172.	2.9	51
11	Fabrication of immobilized Candida rugosa lipase on magnetic Fe3O4-poly(glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34 production of biodiesel. Renewable Energy, 2020, 158, 474-486.	4.3	76
12	Enzymatic Production of Biodiesel Using Immobilized Lipase on Core-Shell Structured Fe3O4@MIL-100(Fe) Composites. Catalysts, 2019, 9, 850.	1.6	52
13	Guanidine post-functionalized crystalline ZIF-90 frameworks as a promising recyclable catalyst for the production of biodiesel via soybean oil transesterification. Energy Conversion and Management, 2019, 198, 111922.	4.4	101
14	Biodiesel Production from Acidic Oils Using Polyoxometalate-Based Sulfonated Ionic Liquids Functionalized Metalâ€“Organic Frameworks. Catalysis Letters, 2019, 149, 2916-2929.	1.4	43
15	Immobilization of polyoxometalate-based sulfonated ionic liquids on UiO-66-2COOH metal-organic frameworks for biodiesel production via one-pot transesterification-esterification of acidic vegetable oils. Chemical Engineering Journal, 2019, 365, 40-50.	6.6	282
16	Magnetic Fe3O4/MCM-41 composite-supported sodium silicate as heterogeneous catalysts for biodiesel production. Renewable Energy, 2018, 125, 675-681.	4.3	179
17	Immobilization of Candida rugosa lipase onto graphene oxide Fe 3 O 4 nanocomposite: Characterization and application for biodiesel production. Energy Conversion and Management, 2018, 159, 42-53.	4.4	261
18	Basic ionic liquid functionalized magnetically responsive Fe3O4@HKUST-1 composites used for biodiesel production. Fuel, 2018, 220, 248-256.	3.4	209

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19	Production of medium-chain structured lipids using dual acidic ionic liquids supported on Fe3O4@SiO2 composites as magnetically recyclable catalysts. LWT - Food Science and Technology, 2018, 93, 71-78.	2.5	22
20	Lipase immobilized on ionic liquid-functionalized magnetic silica composites as a magnetic biocatalyst for production of trans -free plastic fats. Food Chemistry, 2018, 257, 15-22.	4.2	122
21	Polymeric Acidic Ionic Liquidâ€Functionalized SBAâ€15 as a Solid Catalyst for Production of Lowâ€Calorie Structured Lipids. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 1549-1559.	0.8	6
22	Covalent immobilization of lipase onto aminopropyl-functionalized hydroxyapatite-encapsulated-Î³-Fe2O3 nanoparticles: A magnetic biocatalyst for interesterification of soybean oil. Food Chemistry, 2017, 227, 397-403.	4.2	151
23	Biodiesel production using biguanide-functionalized hydroxyapatite-encapsulated-Î³-Fe2O3 nanoparticles. Fuel, 2017, 210, 83-90.	3.4	71
24	Cs2.5H0.5PW12O40 Encapsulated in Metalâ€“Organic Framework UiO-66 as Heterogeneous Catalysts for Acidolysis of Soybean Oil. Catalysis Letters, 2017, 147, 2772-2782.	1.4	29
25	Mesoporous SBA-15 Silica-supported Diisopropylguanidine: an Efficient Solid Catalyst for Interesterification of Soybean Oil with Methyl Octanoate or Methyl Decanoate. Journal of Oleo Science, 2016, 65, 803-813.	0.6	4
26	Propylsulfonic and arenesulfonic functionalized SBA-15 silica as an efficient and reusable catalyst for the acidolysis of soybean oil with medium-chain fatty acids. Food Chemistry, 2016, 211, 74-82.	4.2	39
27	Biguanide-functionalized mesoporous SBA-15 silica as an efficient solid catalyst for interesterification of vegetable oils. Food Chemistry, 2016, 197, 92-99.	4.2	31
28	Production of Structured Lipids Containing Medium-Chain Fatty Acids by Soybean Oil Acidolysis Using SBA-15-pr-NH₂â€“HPW Catalyst in a Heterogeneous Manner. Organic Process Research and Development, 2016, 20, 637-645.	1.3	16
29	Immobilized lipase on coreâ€“shell structured Fe3O4â€“MCM-41 nanocomposites as a magnetically recyclable biocatalyst for interesterification of soybean oil and lard. Food Chemistry, 2016, 194, 1283-1292.	4.2	171
30	Interesterification of Soybean Oil and Methyl Stearate Catalyzed by Guanidineâ€Functionalized SBAâ€15 Silica. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 915-925.	0.8	10
31	Basic Ionic Liquid Supported on Mesoporous SBA-15 Silica as an Efficient Heterogeneous Catalyst for Biodiesel Production. Industrial & Engineering Chemistry Research, 2015, 54, 1505-1512.	1.8	86
32	Novel solid base catalyst for biodiesel production: Mesoporous SBA-15 silica immobilized with 1,3-dicyclohexyl-2-octylguanidine. Renewable Energy, 2015, 80, 230-237.	4.3	74
33	Enzymatic Interesterification of Soybean Oil and Methyl Stearate Blends Using Lipase Immobilized on Magnetic Fe3O4/SBA-15 Composites as a Biocatalyst. Journal of Oleo Science, 2014, 63, 1027-1034.	0.6	11
34	Phenylsulfonic acid functionalized mesoporous SBA-15 silica: A heterogeneous catalyst for removal of free fatty acids in vegetable oil. Fuel Processing Technology, 2014, 119, 98-104.	3.7	15
35	Biodiesel production by transesterification using tetraalkylammonium hydroxides immobilized onto SBA-15 as a solid catalyst. Chemical Engineering Journal, 2014, 239, 60-67.	6.6	77
36	Heterogeneous CaOâ€“MoO3â€“SBA-15 catalysts for biodiesel production from soybean oil. Energy Conversion and Management, 2014, 79, 34-42.	4.4	183

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37	Heterogeneous Interesterification of Triacylglycerols Catalyzed by Using Potassium-Doped Alumina as a Solid Catalyst. Journal of Agricultural and Food Chemistry, 2014, 62, 10414-10421.	2.4	18
38	Preparation of Low Calorie Structured Lipids Catalyzed by 1,5,7-Triazabicyclo[4.4.0]dec-5-ene(TBD)-functionalized Mesoporous SBA-15 Silica in a Heterogeneous Manner. Journal of Agricultural and Food Chemistry, 2014, 62, 3348-3355.	2.4	8
39	Enzymatic Production of Biodiesel from Soybean Oil by Using Immobilized Lipase on Fe₃O₄/Poly(styrene-methacrylic acid) Magnetic Microsphere as a Biocatalyst. Energy & Fuels, 2014, 28, 2624-2631.	2.5	185
40	Production of biodiesel by transesterification of soybean oil using calcium supported tin oxides as heterogeneous catalysts. Energy Conversion and Management, 2013, 76, 55-62.	4.4	175
41	Interesterification of Soybean Oil and Lard Blends Catalyzed by SBA-15-pr-NR₃OH as a Heterogeneous Base Catalyst. Journal of Agricultural and Food Chemistry, 2013, 61, 3373-3381.	2.4	16
42	Biodiesel production from soybean oil transesterification using tin oxide-supported WO3 catalysts. Fuel Processing Technology, 2013, 109, 150-155.	3.7	68
43	Immobilization of tetramethylguanidine on mesoporous SBA-15 silica: A heterogeneous basic catalyst for transesterification of soybean oil. Bioresource Technology, 2013, 139, 388-392.	4.8	22
44	Aminopropylsilica as an environmentally friendly and reusable catalyst for biodiesel production from soybean oil. Fuel, 2013, 103, 1106-1110.	3.4	17
45	Silica-Supported Tin Oxides as Heterogeneous Acid Catalysts for Transesterification of Soybean Oil with Methanol. Industrial & Engineering Chemistry Research, 2012, 51, 225-231.	1.8	109
46	Transesterification of soybean oil over WO3 supported on AlPO4 as a solid acid catalyst. Bioresource Technology, 2012, 119, 60-65.	4.8	48
47	Biodiesel Preparation from Soybean Oil by Using a Heterogeneous CaxMg2â^'xO2 Catalyst. Catalysis Letters, 2012, 142, 352-359.	1.4	28
48	Immobilized lipase on magnetic chitosan microspheres for transesterification of soybean oil. Biomass and Bioenergy, 2012, 36, 373-380.	2.9	172
49	Silica-bonded N-propyl sulfamic acid used as a heterogeneous catalyst for transesterification of soybean oil with methanol. Bioresource Technology, 2011, 102, 9818-9822.	4.8	33
50	Synthesis of high fatty acid starch esters with 1â€butylâ€3â€methylimidazolium chloride as a reaction medium. Starch/Staerke, 2011, 63, 190-197.	1.1	58
51	Homogenous carboxymethylation of starch using 1-butyl-3-methylimidazolium chloride ionic liquid medium as a solvent. Carbohydrate Polymers, 2011, 85, 792-797.	5.1	27
52	Synthesis of starch esters in ionic liquids. Journal of Applied Polymer Science, 2010, 116, 218-224.	1.3	57
53	Enzymatic transesterification of soybean oil by using immobilized lipase on magnetic nano-particles. Biomass and Bioenergy, 2010, 34, 890-896.	2.9	159
54	Synthesis of cationic starch with a high degree of substitution in an ionic liquid. Carbohydrate Polymers, 2010, 80, 1172-1177.	5.1	125

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55	Impact of degree heterogeneity on the behavior of trapping in Koch networks. Chaos, 2010, 20, 043112.	1.0	24
56	Standard random walks and trapping on the Koch network with scale-free behavior and small-world effect. Physical Review E, 2009, 79, 061113.	0.8	88
57	Exact solution for mean first-passage time on a pseudofractal scale-free web. Physical Review E, 2009, 79, 021127.	0.8	108
58	Distinct scalings for mean first-passage time of random walks on scale-free networks with the same degree sequence. Physical Review E, 2009, 80, 061111.	0.8	41
59	Phosphorylation of Corn Starch in an Ionic Liquid. Starch/Staerke, 2009, 61, 702-708.	1.1	41
60	Anomalous behavior of trapping on a fractal scale-free network. Europhysics Letters, 2009, 88, 10001.	0.7	30
61	Immobilized Lipase on Fe₃O₄ Nanoparticles as Biocatalyst for Biodiesel Production. Energy & Fuels, 2009, 23, 1347-1353.	2.5	213
62	Random walks on the Apollonian network with a single trap. Europhysics Letters, 2009, 86, 10006.	0.7	52
63	Fatty Acid Methyl Ester Synthesis over Fe³⁺â€Vanadyl Phosphate Catalysts. JAOCS, Journal of the American Oil Chemists' Society, 2008, 85, 655.	0.8	20
64	ANTIOXIDANT ACTIVITIES OF VITAMINS E AND C IN A NOVEL LIPOSOME SYSTEM. Journal of Food Biochemistry, 2008, 32, 766-781.	1.2	8
65	Impact of surfactant type, pH and antioxidants on the oxidation of methyl linoleate in micellar solutions. Food Research International, 2007, 40, 1270-1275.	2.9	9
66	Catalytic Properties of Lithium-Doped ZnO Catalysts Used for Biodiesel Preparations. Industrial & Engineering Chemistry Research, 2007, 46, 7942-7949.	1.8	91
67	Soybean oil methyl esters preparation using NaX zeolites loaded with KOH as a heterogeneous catalyst. Bioresource Technology, 2007, 98, 936-939.	4.8	225
68	Soybean oil transesterification over zinc oxide modified with alkali earth metals. Fuel Processing Technology, 2007, 88, 631-638.	3.7	220
69	Baâ€“ZnO catalysts for soybean oil transesterification. Catalysis Letters, 2007, 117, 159-165.	1.4	54
70	Calcined Mgâ€“Al hydrotalcites as solid base catalysts for methanolysis of soybean oil. Journal of Molecular Catalysis A, 2006, 246, 24-32.	4.8	406
71	Alumina-supported potassium iodide as a heterogeneous catalyst for biodiesel production from soybean oil. Journal of Molecular Catalysis A, 2006, 255, 1-9.	4.8	385
72	Transesterification of Soybean Oil to Biodiesel with Zn/I2 Catalyst. Catalysis Letters, 2006, 107, 25-30.	1.4	42

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73	Synthesis of Biodiesel from Soybean Oil using Heterogeneous KF/ZnO Catalyst. Catalysis Letters, 2006, 107, 53-59.	1.4	260
74	Transesterification of soybean oil catalyzed by potassium loaded on alumina as a solid-base catalyst. Applied Catalysis A: General, 2006, 300, 67-74.	2.2	464
75	Hydroxyl content and refractive index determinations on transesterified soybean oil. JAOCS, Journal of the American Oil Chemists' Society, 2006, 83, 869-872.	0.8	39