

Adam P Harvey

List of Publications by Year in descending order

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141
papers

5,047
citations

76294

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159
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times ranked

4361
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of processes for biodiesel production with integrated co-production of higher added value products from glycerol. <i>Biofuels</i> , 2022, 13, 489-496.	1.4	10
2	A techno-economic analysis based upon a parametric study of alkali-catalysed biodiesel production from feedstocks with high free fatty acid and water contents. <i>Biofuels</i> , 2022, 13, 401-413.	1.4	5
3	Aromatic free Fenton process for rapid removal of phenol from refinery wastewater in an oscillatory baffled reactor. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103635.	2.3	6
4	Plasma-assisted removal of methanol in N ₂ , dry and humidified air using a dielectric barrier discharge (DBD) reactor. <i>RSC Advances</i> , 2022, 12, 10997-11007.	1.7	7
5	Decomposition of benzene as a biomass gasification tar in CH ₄ carrier gas using non-thermal plasma: Parametric and kinetic study. <i>Journal of the Energy Institute</i> , 2022, 102, 190-195.	2.7	14
6	Decomposition of benzene vapour using non-thermal plasmas: The effect of moisture content on eliminating solid residue. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107767.	3.3	11
7	Use of dolomite catalyst in biodiesel production via transesterification of waste cooking oil in oscillatory baffled reactor. <i>AIChE Journal</i> , 2022, 68, .	1.8	3
8	Dimensionless evaluation and kinetics of rapid and ultradeep desulfurization of diesel fuel in an oscillatory baffled reactor. <i>RSC Advances</i> , 2022, 12, 14385-14396.	1.7	13
9	Process intensification of microalgal biofuel production. , 2022, , 269-290.		1
10	Continuous process for the epoxidation of terpenes using mesoscale oscillatory baffled reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 177, 108998.	1.8	4
11	Synthesis of cyclic β -pinane carbonate a potential monomer for bio-based polymers. <i>RSC Advances</i> , 2022, 12, 17454-17465.	1.7	8
12	Biodiesel Production through Acid Catalyst In Situ Reactive Extraction of <i>Chlorella vulgaris</i> Foamate. <i>Energies</i> , 2022, 15, 4482.	1.6	10
13	A Stereoselective Route to R-(+)-Limonene-Based Non-isocyanate Poly(hydroxyurethanes). <i>Journal of Polymers and the Environment</i> , 2022, 30, 4452-4462.	2.4	3
14	Oxidative removal of hexane from the gas stream by dielectric barrier discharge reactor and effect of gas environment. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 178, 109035.	1.8	3
15	Bio-oil production by catalytic solvent liquefaction from a wild microalgae consortium. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2627-2639.	2.9	8
16	Kinetic study for styrene carbonate synthesis via CO ₂ cycloaddition to styrene oxide using silica-supported pyrrolidinopyridinium iodide catalyst. <i>Journal of CO₂ Utilization</i> , 2021, 43, 101379.	3.3	16
17	Synthesis of trans-limonene bis-epoxide by stereoselective epoxidation of (R)-(+)-limonene. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104680.	3.3	13
18	Removal of toluene as a toxic VOC from methane gas using a non-thermal plasma dielectric barrier discharge reactor. <i>RSC Advances</i> , 2021, 11, 27583-27588.	1.7	10

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19	Removal of cyclohexane as a toxic pollutant from air using a non-thermal plasma: Influence of different parameters. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105023.	3.3	25
20	Recent advances in the synthesis of cyclic carbonates via CO ₂ cycloaddition to epoxides. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105113.	3.3	99
21	Removal of benzene as a tar model compound from a gas mixture using non-thermal plasma dielectric barrier discharge reactor. <i>Journal of the Energy Institute</i> , 2021, 96, 97-105.	2.7	22
22	Microalgae for biofuels via thermochemical conversion processes: A review of cultivation, harvesting and drying processes, and the associated opportunities for integrated production. <i>Bioresource Technology Reports</i> , 2021, 14, 100676.	1.5	28
23	Fast, non-extractive, and ultradeep desulfurization of diesel in an oscillatory baffled reactor. <i>Chemical Engineering Research and Design</i> , 2021, 152, 178-187.	2.7	13
24	A comparison of the decomposition of biomass gasification tar compound in CO, CO ₂ , H ₂ and N ₂ carrier gases using non-thermal plasma. <i>Journal of the Energy Institute</i> , 2021, 97, 161-168.	2.7	18
25	Development of rapid and selective epoxidation of α -pinene using single-step addition of H ₂ O ₂ in an organic solvent-free process. <i>RSC Advances</i> , 2021, 11, 33027-33035.	1.7	10
26	Catalytic hydrothermal liquefaction of microalgae cultivated in wastewater: Influence of ozone-air flotation on products, energy balance and carbon footprint. <i>Energy Conversion and Management</i> , 2021, 249, 114806.	4.4	14
27	Fuel ethanol production from cassava (<i>Manihot esculenta</i> Crantz) in an oscillatory baffled reactor. <i>Biofuels</i> , 2020, 11, 451-457.	1.4	5
28	Production of biodiesel from waste shark liver oil for biofuel applications. <i>Renewable Energy</i> , 2020, 145, 99-105.	4.3	48
29	Non-thermal plasma as a promising route for the removal of tar from the product gas of biomass gasification – A critical review. <i>Chemical Engineering Journal</i> , 2020, 382, 122761.	6.6	93
30	Multi-stimuli-responsive liquid marbles stabilized by superhydrophobic luminescent carbon dots for miniature reactors. <i>Chemical Engineering Journal</i> , 2020, 391, 123478.	6.6	19
31	Effect of Methane as an Additive in the Product Gas toward the Formation of Lower Hydrocarbons during the Decomposition of a Tar Analogue. <i>Energy & Fuels</i> , 2020, 34, 1744-1749.	2.5	15
32	Intensification of epoxidation of vegetable oils using a continuous mesoscale oscillatory baffled reactor. <i>Journal of Advanced Manufacturing and Processing</i> , 2020, 2, .	1.4	4
33	Oscillating flow bioreactors: An enabling technology for sustainable biorefining operations?. <i>Journal of Advanced Manufacturing and Processing</i> , 2020, 2, .	1.4	3
34	The characterization of a packed bed plasma reactor for ozone generation. <i>Plasma Sources Science and Technology</i> , 2020, 29, 035002.	1.3	12
35	Oscillatory Flow Bioreactor (OFB) Applied in Enzymatic Hydrolysis at High Solid Loadings. <i>Chemical and Biochemical Engineering Quarterly</i> , 2020, 33, 459-470.	0.5	3
36	Performance, Emissions and Durability Studies on Diesel Engine Fuelled with a Preheated Raw Microalgal Oil. <i>Proceedings (mdpi)</i> , 2020, 58, 4.	0.2	3

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37	Temperature dependence of non-thermal plasma assisted hydrocracking of toluene to lower hydrocarbons in a dielectric barrier discharge reactor. <i>Chemical Engineering Journal</i> , 2019, 356, 1062-1069.	6.6	56
38	A kinetic study of Zn halide/TBAB-catalysed fixation of CO ₂ with styrene oxide in propylene carbonate. <i>Green Processing and Synthesis</i> , 2019, 8, 719-729.	1.3	23
39	The development of helical vortex pairs in oscillatory flows – A numerical and experimental study. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 143, 107588.	1.8	9
40	Rapid Screening of an Acid-Catalyzed Triglyceride Transesterification in a Mesoscale Reactor. <i>Chemical Engineering and Technology</i> , 2019, 42, 539-548.	0.9	6
41	Kinetics and mechanistic investigation of epoxide/CO ₂ cycloaddition by a synergistic catalytic effect of pyrrolidinopyridinium iodide and zinc halides. <i>Journal of Energy Chemistry</i> , 2019, 37, 35-42.	7.1	36
42	Methane conversion to H ₂ and higher hydrocarbons using non-thermal plasma dielectric barrier discharge reactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 142, 107557.	1.8	29
43	A reactive coupling process for co-production of solketal and biodiesel. <i>Green Processing and Synthesis</i> , 2019, 8, 516-524.	1.3	5
44	Scale-up and Sustainability Evaluation of Biopolymer Production from Citrus Waste Offering Carbon Capture and Utilisation Pathway. <i>ChemistryOpen</i> , 2019, 8, 668-688.	0.9	24
45	Direct Conversion of Benzene as a Tar Analogue to Methane Using Non-thermal Plasma. <i>Energy & Fuels</i> , 2019, 33, 2598-2601.	2.5	11
46	Low temperature conversion of toluene to methane using dielectric barrier discharge reactor. <i>Fuel</i> , 2019, 248, 258-261.	3.4	15
47	Coil-in-Coil Reactor: Augmenting Plug Flow Performance by Combining Different Geometric Features Using 3D Printing. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21363-21371.	1.8	9
48	Combining continuous flow oscillatory baffled reactors and microwave heating: Process intensification and accelerated synthesis of metal-organic frameworks. <i>Chemical Engineering Journal</i> , 2019, 356, 170-177.	6.6	38
49	Bio-crude oil production using catalytic hydrothermal liquefaction (HTL) from native microalgae harvested by ozone-flotation. <i>Fuel</i> , 2019, 241, 255-263.	3.4	46
50	Decomposition of benzene as a tar analogue in CO ₂ and H ₂ carrier gases, using a non-thermal plasma. <i>Chemical Engineering Journal</i> , 2019, 360, 714-720.	6.6	56
51	Micromixing in oscillatory baffled flows. <i>Chemical Engineering Journal</i> , 2019, 361, 508-518.	6.6	29
52	Highly selective, sustainable synthesis of limonene cyclic carbonate from bio-based limonene oxide and CO ₂ : A kinetic study. <i>Journal of CO₂ Utilization</i> , 2019, 29, 126-133.	3.3	49
53	Scale-Up of Gas-Liquid Mass Transfer in Oscillatory Multiorifice Baffled Reactors (OMBRs). <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5929-5935.	1.8	13
54	Oscillatory fluid motion unlocks plug flow operation in helical tube reactors at lower Reynolds numbers ($Re \leq 10$). <i>Chemical Engineering Journal</i> , 2019, 358, 643-657.	6.6	25

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55	Removal of Toluene as a Tar Analogue in a N ₂ Carrier Gas Using a Non-thermal Plasma Dielectric Barrier Discharge Reactor. <i>Energy & Fuels</i> , 2019, 33, 389-396.	2.5	14
56	Plasma-assisted decomposition of a biomass gasification tar analogue into lower hydrocarbons in a synthetic product gas using a dielectric barrier discharge reactor. <i>Fuel</i> , 2019, 235, 1412-1419.	3.4	46
57	Techno-Economic Analysis of Glycerol Valorization via Catalytic Applications of Sulphonic Acid-Functionalized Copolymer Beads. <i>Frontiers in Chemistry</i> , 2019, 7, 882.	1.8	15
58	Intensified one-step biodiesel production from high water and free fatty acid waste cooking oils. <i>Fuel</i> , 2018, 220, 567-574.	3.4	48
59	Continuous reactive coupling of glycerol and acetone – A strategy for triglyceride transesterification and in-situ valorisation of glycerol by-product. <i>Chemical Engineering Journal</i> , 2018, 347, 41-51.	6.6	29
60	Development of a more robust correlation for predicting heat transfer performance in oscillatory baffled reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 125, 133-138.	1.8	15
61	Kinetic investigations of styrene carbonate synthesis from styrene oxide and CO ₂ using a continuous flow tube-in-tube gas-liquid reactor. <i>Journal of CO₂ Utilization</i> , 2018, 24, 341-349.	3.3	41
62	The melting of salt hydrate phase change material in an irregular metal foam for the application of traction transient cooling. <i>Thermal Science and Engineering Progress</i> , 2018, 5, 454-465.	1.3	20
63	Intensification of hollow fiber membrane cross-flow filtration by the combination of helical baffle and oscillatory flow. <i>Journal of Membrane Science</i> , 2018, 554, 134-139.	4.1	14
64	Opportunities for process intensification in the UK water industry: A review. <i>Journal of Water Process Engineering</i> , 2018, 21, 116-126.	2.6	20
65	Role of CO ₂ in the Conversion of Toluene as a Tar Surrogate in a Nonthermal Plasma Dielectric Barrier Discharge Reactor. <i>Energy & Fuels</i> , 2018, 32, 5164-5170.	2.5	48
66	Experimental Determination of Optimal Conditions for Reactive Coupling of Biodiesel Production With in situ Glycerol Carbonate Formation in a Triglyceride Transesterification Process. <i>Frontiers in Chemistry</i> , 2018, 6, 625.	1.8	17
67	The mesoscale oscillatory baffled reactor facilitates intensified kinetics screening when the solvent is removed. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 129, 51-62.	1.8	3
68	Mass transfer enhancement as a function of oscillatory baffled reactor design. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 130, 229-239.	1.8	31
69	Thermal performance of meso-scale oscillatory baffled reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 132, 25-33.	1.8	8
70	Development of a selective, solvent-free epoxidation of limonene using hydrogen peroxide and a tungsten-based catalyst. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 747-756.	1.9	37
71	Extractive recovery and valorisation of arsenic from contaminated soil through phytoremediation using <i>Pteris cretica</i> . <i>Chemosphere</i> , 2018, 208, 484-492.	4.2	31
72	Residence time distribution in multiorifice baffled tubes: A numerical study. <i>Chemical Engineering Research and Design</i> , 2017, 118, 259-269.	2.7	24

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73	Scale-Up of Oscillatory Helical Baffled Reactors Based on Residence Time Distribution. <i>Chemical Engineering and Technology</i> , 2017, 40, 907-914.	0.9	20
74	Applied <i>in situ</i> product recovery in ABE fermentation. <i>Biotechnology Progress</i> , 2017, 33, 563-579.	1.3	67
75	A study of the flow structures generated by oscillating flows in a helical baffled tube. <i>Chemical Engineering Science</i> , 2017, 171, 160-178.	1.9	21
76	Intensification of carboxylic acid esterification using a solid catalyst in a mesoscale oscillatory baffled reactor platform. <i>Chemical Engineering Journal</i> , 2017, 322, 205-214.	6.6	32
77	Effect of geometrical parameters on flow-switching frequencies in 3D printed fluidic oscillators containing different liquids. <i>Chemical Engineering Research and Design</i> , 2017, 117, 228-239.	2.7	15
78	Effect of oscillation amplitude on the residence time distribution for the mesoscale oscillatory baffled reactor. <i>Chemical Engineering Research Bulletin</i> , 2017, 19, 111.	0.2	1
79	A comparison of the energy use of <i>in situ</i> product recovery techniques for the Acetone Butanol Ethanol fermentation. <i>Bioresource Technology</i> , 2016, 220, 590-600.	4.8	34
80	A sustainable integrated <i>in situ</i> transesterification of microalgae for biodiesel production and associated co-product-a review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 1179-1198.	8.2	121
81	Passive isothermalisation of an exothermic reaction in flow using a novel "Heat Pipe Oscillatory Baffled Reactor (HPOBR)". <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 110, 201-213.	1.8	6
82	A knowledge-based system for low-grade waste heat recovery in the process industries. <i>Applied Thermal Engineering</i> , 2016, 94, 590-599.	3.0	40
83	Kinetics of fast alkali reactive extraction/ <i>in situ</i> transesterification of <i>Chlorella vulgaris</i> that identifies process conditions for a significant enhanced rate and water tolerance. <i>Fuel Processing Technology</i> , 2016, 144, 212-219.	3.7	23
84	Surfactant-assisted direct biodiesel production from wet <i>Nannochloropsis oculata</i> by <i>in situ</i> transesterification/reactive extraction. <i>Biofuel Research Journal</i> , 2016, 3, 366-371.	7.2	19
85	<i>In Situ</i> Transesterification of Wet Marine and Fresh Water Microalgae for Biodiesel Production and Its Effect on the Algal Residue. <i>Journal of Sustainable Bioenergy Systems</i> , 2016, 06, 17-30.	0.2	4
86	Technologies for measurement and mitigation of particulate emissions from domestic combustion of biomass: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 49, 574-584.	8.2	44
87	Rapid process development using oscillatory baffled mesoreactors " A state-of-the-art review. <i>Chemical Engineering Journal</i> , 2015, 265, 110-121.	6.6	63
88	Melting of phase change material assisted by expanded metal mesh. <i>Applied Thermal Engineering</i> , 2015, 90, 1052-1060.	3.0	35
89	Enzymatic saccharification of cellulose: a study of mixing and agitation in an oscillatory baffled reactor and a stirred tank reactor. <i>Biofuels</i> , 2015, 6, 203-208.	1.4	4
90	Liquid culture of microalgae in a photobioreactor (PBR) based on oscillatory baffled reactor (OBR) technology " A feasibility study. <i>Chemical Engineering Science</i> , 2015, 138, 315-323.	1.9	21

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91	Assessing the potential of algal biomass opportunities for bioenergy industry: A review. <i>Fuel</i> , 2015, 143, 414-423.	3.4	168
92	Determination of the kinetics of biodiesel saponification in alcoholic hydroxide solutions. <i>Fuel</i> , 2015, 140, 724-730.	3.4	36
93	Rapid Determination of the Residence Time Distribution (RTD) Function in an Oscillatory Baffled Reactor (OBR) Using a Design of Experiments (DoE) Approach. <i>International Journal of Chemical Reactor Engineering</i> , 2014, 12, 575-586.	0.6	8
94	Biodiesel production from indigenous microalgae grown in wastewater. <i>Bioresource Technology</i> , 2014, 154, 297-304.	4.8	135
95	Characterization and optimization of an oscillatory baffled reactor (OBR) for ozone-water mass transfer. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 84, 82-89.	1.8	41
96	Kinetics of reactive extraction/in situ transesterification of rapeseed oil. <i>Fuel Processing Technology</i> , 2014, 125, 34-40.	3.7	11
97	Algal biomass as a global source of transport fuels: Overview and development perspectives. <i>Progress in Natural Science: Materials International</i> , 2014, 24, 329-339.	1.8	123
98	Synthesis of TiO ₂ nanoparticles in a spinning disc reactor. <i>Chemical Engineering Journal</i> , 2014, 258, 171-184.	6.6	78
99	Microalgae harvesting using ozoflotation: Effect on lipid and FAME recoveries. <i>Biomass and Bioenergy</i> , 2014, 70, 356-363.	2.9	45
100	A more robust model of the biodiesel reaction, allowing identification of process conditions for significantly enhanced rate and water tolerance. <i>Bioresource Technology</i> , 2014, 156, 222-231.	4.8	47
101	Reduced power consumption compared to a traditional stirred tank reactor (STR) for enzymatic saccharification of alpha-cellulose using oscillatory baffled reactor (OBR) technology. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1969-1975.	2.7	27
102	Multiscale modelling of heterogeneously catalysed transesterification reaction process: an overview. <i>RSC Advances</i> , 2013, 3, 6226.	1.7	15
103	Biological processing in oscillatory baffled reactors: operation, advantages and potential. <i>Interface Focus</i> , 2013, 3, 20120036.	1.5	62
104	Opportunities for low-grade heat recovery in the UK food processing industry. <i>Applied Thermal Engineering</i> , 2013, 53, 188-196.	3.0	125
105	The role of heat pipes in intensified unit operations. <i>Applied Thermal Engineering</i> , 2013, 57, 147-153.	3.0	28
106	Reactors. , 2013, , 121-204.		4
107	Specifying, Manufacturing and Operating PI Plant. , 2013, , 437-542.		0
108	Heterogeneous catalysis in an oscillatory baffled flow reactor. <i>Catalysis Science and Technology</i> , 2013, 3, 2373.	2.1	40

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109	Micro distributed energy system driven with preheated Croton megalocarpus oil – A performance and particulate emission study. Applied Energy, 2013, 112, 1383-1392.	5.1	11
110	Rapid determination of reaction order and rate constants of an imine synthesis reaction using a mesoscale oscillatory baffled reactor. Chemical Engineering Journal, 2013, 222, 282-291.	6.6	25
111	Evaluation of FAME production from wet marine and freshwater microalgae by in situ transesterification. Biochemical Engineering Journal, 2013, 76, 83-89.	1.8	89
112	Process Intensification in a Business Context: General Considerations. , 2013, , 355-367.		1
113	Techno-economic comparison of a high-temperature heat pump and an organic Rankine cycle machine for low-grade waste heat recovery in UK industry. International Journal of Low-Carbon Technologies, 2013, 8, i47-i54.	1.2	6
114	Intensification of Biobutanol Production in Batch Oscillatory Baffled Bioreactor. Procedia Engineering, 2012, 42, 1079-1087.	1.2	9
115	Rapid Determination of the Reaction Kinetics of an n-Butylbenzaldimine Synthesis Using a Novel Mesoscale Oscillatory Baffled Reactor. Procedia Engineering, 2012, 42, 1527-1539.	1.2	5
116	Numerical study of the flow pattern and heat transfer enhancement in oscillatory baffled reactors with helical coil inserts. Chemical Engineering Research and Design, 2012, 90, 732-742.	2.7	50
117	Intensification of Biofuel Production. , 2012, , 205-215.		2
118	Simultaneous transesterification and esterification for biodiesel production with and without a sulphated zirconia catalyst. Fuel, 2012, 97, 467-475.	3.4	40
119	Rapid Production of Biodiesel in Mesoscale Oscillatory Baffled Reactors. Chemical Engineering and Technology, 2012, 35, 1214-1220.	0.9	55
120	Characterisation of mesoscale oscillatory helical baffled reactor – Experimental approach. Chemical Engineering Journal, 2012, 180, 229-236.	6.6	55
121	Alkaline in situ transesterification of Chlorella vulgaris. Fuel, 2012, 94, 544-550.	3.4	137
122	Direct production of biodiesel from rapeseed by reactive extraction/in situ transesterification. Fuel Processing Technology, 2012, 102, 53-60.	3.7	64
123	Kinetic of myristic acid esterification with methanol in the presence of triglycerides over sulfated zirconia. Renewable Energy, 2011, 36, 2679-2686.	4.3	49
124	Continuous screening of base-catalysed biodiesel production using New designs of mesoscale oscillatory baffled reactors. Fuel Processing Technology, 2011, 92, 1560-1567.	3.7	51
125	Triglyceride cracking for biofuel production using a directly synthesised sulphated zirconia catalyst. Bioresource Technology, 2011, 102, 6313-6316.	4.8	18
126	Effect of geometrical parameters on fluid mixing in novel mesoscale oscillatory helical baffled designs. Chemical Engineering Journal, 2011, 169, 339-347.	6.6	31

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127	Influence of various parameters on reactive extraction of <i>Jatropha curcas</i> L. for biodiesel production. <i>Chemical Engineering Journal</i> , 2011, 171, 1373-1378.	6.6	82
128	Characterisation of fluid mixing in novel designs of mesoscale oscillatory baffled reactors operating at low flow rates (0.3–0.6ml/min). <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 254-263.	1.8	37
129	Simultaneous Conversion of Triglyceride/Free Fatty Acid Mixtures into Biodiesel Using Sulfated Zirconia. <i>Topics in Catalysis</i> , 2010, 53, 773-782.	1.3	65
130	Development and evaluation of novel designs of continuous mesoscale oscillatory baffled reactors. <i>Chemical Engineering Journal</i> , 2010, 159, 212-219.	6.6	73
131	Potential uses of oscillatory baffled reactors for biofuel production. <i>Biofuels</i> , 2010, 1, 605-619.	1.4	28
132	Biodiesel production by <i>in situ</i> transesterification. <i>Biofuels</i> , 2010, 1, 355-365.	1.4	37
133	Biorefining Based on Biodiesel Production: Chemical and Physical Characterisation of Reactively Extracted Rapeseed. <i>Journal of Biobased Materials and Bioenergy</i> , 2010, 4, 79-86.	0.1	10
134	The Production of Polyhydroxyalkanoates Using an Oscillatory Baffled Bioreactor. <i>Chemical Product and Process Modeling</i> , 2009, 4, .	0.5	6
135	Evaluation of the activity and stability of alkali-doped metal oxide catalysts for application to an intensified method of biodiesel production. <i>Chemical Engineering Journal</i> , 2008, 135, 63-70.	6.6	231
136	Experimental analysis of local flame extinction in a turbulent jet diffusion flame by high repetition 2-D laser techniques and multi-scalar measurements. <i>Proceedings of the Combustion Institute</i> , 2005, 30, 701-709.	2.4	90
137	Fluid Mechanics and Design Aspects of a Novel Oscillatory Flow Screening Mesoreactor. <i>Chemical Engineering Research and Design</i> , 2005, 83, 357-371.	2.7	68
138	Mixing Through Oscillations and Pulsations—A Guide to Achieving Process Enhancements in the Chemical and Process Industries. <i>Chemical Engineering Research and Design</i> , 2003, 81, 373-383.	2.7	148
139	Process intensification of biodiesel production using a continuous oscillatory flow reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 338-341.	1.6	165
140	A Mixing-Based Design Methodology for Continuous Oscillatory Flow Reactors. <i>Chemical Engineering Research and Design</i> , 2002, 80, 31-44.	2.7	87
141	Operation and Optimization of an Oscillatory Flow Continuous Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 5371-5377.	1.8	91