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List of Publications by Year
in descending order

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177 papers	9,767 citations	36691 53 h-index	53065 89 g-index
181 all docs	181 docs citations	181 times ranked	9112 citing authors

#	Article	IF	Citations
1	A review on application of deep eutectic solvents as green catalysts and co-solvents in biodiesel production and purification processes. Biomass Conversion and Biorefinery, 2024, 14, 3117-3134.	2.9	3
2	Evaluation and optimization of engine performance and exhaust emissions of a diesel engine fueled with diestrol blends. Environmental Progress and Sustainable Energy, 2023, 42, .	1.3	2
3	Bioethanol fuel quality assessment using dielectric spectroscopy. Biofuels, 2022, 13, 693-701.	1.4	3
4	Five-Year Development Plans of Renewable Energy Policies in Iran: A Content Analysis. Sustainability, 2022, 14, 1501.	1.6	8
5	Sustainable Design of a Near-Zero-Emissions Building Assisted by a Smart Hybrid Renewable Microgrid. International Journal of Renewable Energy Development, 2022, 11, 471-480.	1.2	10
6	Flexible Photovoltaic System on Non-Conventional Surfaces: A Techno-Economic Analysis. Sustainability, 2022, 14, 3566.	1.6	12
7	Evaluating energy efficiency and economic effect of heat transfer in copper tube for small solar linear Fresnel reflector. Journal of Thermal Analysis and Calorimetry, 2021, 143, 4197-4215.	2.0	37
8	Prediction of power generation and rotor angular speed of a small wind turbine equipped to a controllable duct using artificial neural network and multiple linear regression. Environmental Research, 2021, 196, 110434.	3.7	24
9	The rotor-stator type hydrodynamic cavitation reactor approach for enhanced biodiesel fuel production. Fuel, 2021, 283, 118821.	3.4	33
10	Remaining useful life (RUL) prediction of internal combustion engine timing belt based on vibration signals and artificial neural network. Neural Computing and Applications, 2021, 33, 7785-7801.	3.2	17
11	Bio-nano emulsion fuel based on graphene quantum dot nanoparticles for reducing energy consumption and pollutants emission. Energy, 2021, 218, 119551.	4.5	14
12	A novel approach for bio-lubricant production from rapeseed oil-based biodiesel using ultrasound irradiation: Multi-objective optimization. Sustainable Energy Technologies and Assessments, 2021, 43, 100960.	1.7	18
13	Evaluation of the combustion-induced noise and vibration using coherence and wavelet coherence estimates in a diesel engine. International Journal of Engine Research, 2021, 22, 827-846.	1.4	8
14	Prediction of higher heating value of biomass materials based on proximate analysis using gradient boosted regression trees method. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 672-681.	1.2	41
15	Chemical modification of sunflower waste cooking oil for biolubricant production through epoxidation reaction. Materials Science for Energy Technologies, 2021, 4, 119-127.	1.0	16
16	Timeâ€“Frequency Analysis of Diesel Engine Noise Using Biodiesel Fuel Blends. Sustainability, 2021, 13, 3489.	1.6	10
17	A review on bio-lubricant production from non-edible oil-bearing biomass resources in Iran: Recent progress and perspectives. Journal of Cleaner Production, 2021, 290, 125830.	4.6	31
18	Performance evaluation and economics of a locally-made stand-alone hybrid photovoltaic-thermal brackish water reverse osmosis unit. Cleaner Engineering and Technology, 2021, 2, 100078.	2.1	5

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19	Biodiesel production from sour cherry kernel oil as novel feedstock using potassium hydroxide catalyst: Optimization using response surface methodology. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102089.	1.5	20
20	Exergetic, economic, and environmental life cycle assessment analyses of a heavy-duty tractor diesel engine fueled with dieselâ€“biodiesel-bioethanol blends. Energy Conversion and Management, 2021, 241, 114300.	4.4	36
21	Analytical and numerical modeling, sensitivity analysis, and multi-objective optimization of the acoustic performance of the herschel-quincke tube. Applied Acoustics, 2021, 180, 108096.	1.7	5
22	Optimization of DBD-Plasma assisted hydro-distillation for essential oil extraction of fennel (Foeniculum vulgare Mill.) seed and spearmint (Mentha spicata L.) leaf. Journal of Applied Research on Medicinal and Aromatic Plants, 2021, 24, 100300.	0.9	14
23	Efficiency enhancement of a solar dish collector operating with a novel soybean oil-based-MXene nanofluid and different cavity receivers. Journal of Cleaner Production, 2021, 317, 128430.	4.6	22
24	Energy analysis and assessing heating and cooling demands of closed greenhouse in Iran. Thermal Science and Engineering Progress, 2021, 25, 101042.	1.3	18
25	A critical review of power generation using geothermal-driven organic Rankine cycle. Thermal Science and Engineering Progress, 2021, 25, 101028.	1.3	28
26	Biodiesel fuel purification in a continuous centrifugal contactor separator: An environmental-friendly approach. Sustainable Energy Technologies and Assessments, 2021, 47, 101511.	1.7	4
27	Novel environmentally friendly fuel: The effect of adding graphene quantum dot (GQD) nanoparticles with ethanol-biodiesel blends on the performance and emission characteristics of a diesel engine. NanoImpact, 2021, 21, 100294.	2.4	34
28	Optimization of operational and design parameters of a Simultaneous Mixer-Separator for enhanced continuous biodiesel production. Chemical Product and Process Modeling, 2021, 16, 155-167.	0.5	1
29	Analytical and Numerical Solution for H-type Darrieus Wind Turbine Performance at the Tip Speed Ratio of Below One. International Journal of Renewable Energy Development, 2021, 10, 269-281.	1.2	4
30	Research and review study of solar dish concentrators with different nanofluids and different shapes of cavity receiver: Experimental tests. Renewable Energy, 2020, 145, 783-804.	4.3	60
31	An innovative variable shroud for micro wind turbines. Renewable Energy, 2020, 145, 1061-1072.	4.3	24
32	Conversion of Pistacia atlantica mutica oil to trimethylolpropane fatty acid triester as a sustainable lubricant. Biomass Conversion and Biorefinery, 2020, 10, 139-148.	2.9	11
33	Review on influencing parameters in the performance of concentrated solar power collector based on materials, heat transfer fluids and design. Journal of Thermal Analysis and Calorimetry, 2020, 140, 33-51.	2.0	26
34	Artificial neural network modeling of performance, emission, and vibration of a CI engine using alumina nano-catalyst added to diesel-biodiesel blends. Renewable Energy, 2020, 149, 951-961.	4.3	56
35	Mathematical modeling of a horizontal axis shrouded wind turbine. Renewable Energy, 2020, 146, 856-866.	4.3	19
36	Numerical Optimization Study of Archimedes Screw Turbine (AST): AÂcase study. Renewable Energy, 2020, 145, 2130-2143.	4.3	30

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37	Effects of cold plasma on the color parameters of Hyssop (Hyssopus officinalis L.) using color imaging instrumentation and spectrophotometer. Color Research and Application, 2020, 45, 29-39.	0.8	9
38	Prediction and estimation of biomass energy from agricultural residues using air gasification technology in Iran. Renewable Energy, 2020, 149, 1077-1091.	4.3	68
39	A comprehensive study on the effect of pilot injection, EGR rate, IMEP and biodiesel characteristics on a CRDI diesel engine. Energy, 2020, 194, 116860.	4.5	24
40	Applications of solar PV systems in desalination technologies. , 2020, , 237-274.		16
41	Impact of water â€“ biodiesel â€“ diesel nano-emulsion fuel on performance parameters and diesel engine emission. Fuel, 2020, 280, 118576.	3.4	63
42	Qualitative and quantitative assessment of extracted oil from <scp>Camelina sativa</scp> seed treated by <scp>dielectricâ€barrier</scp> discharge cold plasma. Contributions To Plasma Physics, 2020, 60, e202000032.	0.5	9
43	Biodiesel production from Elaeagnus angustifolia.L seed as a novel waste feedstock using potassium hydroxide catalyst. Biocatalysis and Agricultural Biotechnology, 2020, 25, 101578.	1.5	24
44	Real diesel engine exhaust emission control: indirect non-thermal plasma and comparison to direct plasma for NOX, THC, CO, and CO2. Journal of Environmental Health Science & Engineering, 2020, 18, 743-754.	1.4	9
45	Sensitivity analysis of parabolic trough concentrator using rectangular cavity receiver. Applied Thermal Engineering, 2020, 169, 114948.	3.0	27
46	Performance improvement and exhaust emissions reduction in diesel engine through the use of graphene quantum dot (GQD) nanoparticles and ethanol-biodiesel blends. Fuel, 2020, 267, 117116.	3.4	79
47	Effect of use of MWCNT/oil nanofluid on the performance of solar organic Rankine cycle. Energy Reports, 2020, 6, 782-794.	2.5	22
48	A novel fuel based on biocompatible nanoparticles and ethanol-biodiesel blends to improve diesel engines performance and reduce exhaust emissions. Fuel, 2020, 276, 118079.	3.4	43
49	Optimization of an Ultrasonic-Assisted Biodiesel Production Process from One Genotype of Rapeseed (TERI (OE) R-983) as a Novel Feedstock Using Response Surface Methodology. Energies, 2019, 12, 2656.	1.6	13
50	Performance Investigation of Solar ORC Using Different Nanofluids. Applied Sciences (Switzerland), 2019, 9, 3048.	1.3	3
51	Multi-objective NSGA-II optimization of a compression ignition engine parameters using biodiesel fuel and exhaust gas recirculation. Energy, 2019, 187, 115970.	4.5	44
52	Exergy and economic assessments of solar organic Rankine cycle system with linear V-Shape cavity. Energy Conversion and Management, 2019, 199, 111997.	4.4	17
53	Valorization of waste cooking oil based biodiesel for biolubricant production in a vertical pulsed column: Energy efficient process approach. Energy, 2019, 189, 116266.	4.5	22
54	Bioenergy production usingTrichormus variabilisâ€“ a review. Biofuels, Bioproducts and Biorefining, 2019, 13, 1365-1382.	1.9	7

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55	Ethanol production from date wastes: Adapted technologies, challenges, and global potential. Renewable Energy, 2019, 143, 1094-1110.	4.3	53
56	Simulation process of biodiesel production plant. Environmental Progress and Sustainable Energy, 2019, 38, e13264.	1.3	30
57	Statistical evaluation of the effect of water percentage in water-diesel emulsion on the engine performance and exhaust emission parameters. Energy, 2019, 180, 797-806.	4.5	20
58	Decoupling a novel Trichormus variabilis-Synechocystis sp. interaction to boost phycoremediation. Scientific Reports, 2019, 9, 2511.	1.6	10
59	Performance Assessment of a Solar Dryer System Using Small Parabolic Dish and Alumina/Oil Nanofluid: Simulation and Experimental Study. Energies, 2019, 12, 4747.	1.6	19
60	Biolubricant production from edible and novel indigenous vegetable oils: mainstream methodology, and prospects and challenges in Iran. Biofuels, Bioproducts and Biorefining, 2019, 13, 838-849.	1.9	18
61	Effects of size and volume fraction of alumina nanoparticles on the performance of a solar organic Rankine cycle. Energy Conversion and Management, 2019, 182, 398-411.	4.4	23
62	Optimization of hydrodynamic cavitation process of biodiesel production by response surface methodology. Journal of Environmental Chemical Engineering, 2018, 6, 2262-2268.	3.3	35
63	A novel bio-nano emulsion fuel based on biodegradable nanoparticles to improve diesel engines performance and reduce exhaust emissions. Renewable Energy, 2018, 125, 64-72.	4.3	82
64	ANFIS modeling of vibration transmissibility of a power tiller to operator. Applied Acoustics, 2018, 138, 39-51.	1.7	8
65	Evaluation of the effect of gasoline fumigation on performance and emission characteristics of a diesel engine fueled with B20 using an experimental investigation and TOPSIS method. Fuel, 2018, 223, 277-285.	3.4	31
66	Comparative evaluation of physical and chemical properties, emission and combustion characteristics of brassica, cardoon and coffee based biodiesels as fuel in a compression-ignition engine. Fuel, 2018, 222, 156-174.	3.4	28
67	Electric power generation from municipal solid waste: A techno-economical assessment under different scenarios in Iran. Energy, 2018, 152, 46-56.	4.5	50
68	The effect of different diesterol (dieselâ€“biodieselâ€“ethanol) blends on small air-cooled diesel engine performance and its exhaust gases. Energy, 2018, 142, 196-200.	4.5	36
69	Experimental investigation of conduction and convection heat transfer properties of a novel nanofluid based on carbon quantum dots. International Communications in Heat and Mass Transfer, 2018, 90, 85-92.	2.9	24
70	Intensification of Continuous Biodiesel Production from Waste Cooking Oils Using Shockwave Power Reactor: Process Evaluation and Optimization through Response Surface Methodology (RSM). Energies, 2018, 11, 2845.	1.6	18
71	Artificial Neural Network Modeling and Sensitivity Analysis of Performance and Emissions in a Compression Ignition Engine Using Biodiesel Fuel. Energies, 2018, 11, 2410.	1.6	32
72	Comparative study of spiral and conical cavity receivers for a solar dish collector. Energy Conversion and Management, 2018, 178, 111-122.	4.4	80

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73	Energy and exergy investigation of alumina/oil and silica/oil nanofluids in hemispherical cavity receiver: Experimental Study. Energy, 2018, 164, 275-287.	4.5	36
74	Optimization of Biodiesel Production over Chicken Eggshell-Derived CaO Catalyst in a Continuous Centrifugal Contactor Separator. Industrial & Engineering Chemistry Research, 2018, 57, 12742-12755.	1.8	45
75	Air cooling low concentrated photovoltaic/thermal (LCPV/T) solar collector to approach uniform temperature distribution on the PV plate. Applied Thermal Engineering, 2018, 141, 413-421.	3.0	87
76	Experimental and numerical analysis of flow and heat transfer characteristics of EGR cooler in diesel engine. Applied Thermal Engineering, 2018, 140, 745-758.	3.0	12
77	Intensification of continues biodiesel production process using a simultaneous mixer- separator reactor. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1125-1136.	1.2	11
78	Thermal performance comparison between Al2O3/oil and SiO2/oil nanofluids in cylindrical cavity receiver based on experimental study. Renewable Energy, 2018, 129, 652-665.	4.3	44
79	The Effects of Camelina â€œSoheilâ€•as a Novel Biodiesel Fuel on the Performance and Emission Characteristics of Diesel Engine. Applied Sciences (Switzerland), 2018, 8, 1010.	1.3	9
80	Numerical comparison of a solar dish concentrator with different cavity receivers and working fluids. Journal of Cleaner Production, 2018, 198, 1013-1030.	4.6	58
81	GMDH modeling and experimental investigation of thermal performance enhancement of hemispherical cavity receiver using MWCNT/oil nanofluid. Solar Energy, 2018, 171, 790-803.	2.9	55
82	Okra: A potential future bioenergy crop in Iran. Renewable and Sustainable Energy Reviews, 2018, 93, 517-524.	8.2	27
83	Detection of inappropriate working conditions for the timing belt in internal-combustion engines using vibration signals and data mining. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2017, 231, 418-432.	1.1	5
84	Potential of biofuel production from pistachio waste in Iran. Renewable and Sustainable Energy Reviews, 2017, 72, 510-522.	8.2	64
85	Effect of added alumina as nano-catalyst to diesel-biodiesel blends on performance and emission characteristics of CI engine. Energy, 2017, 124, 543-552.	4.5	143
86	Analyzing and evaluation of carbon nanotubes additives to diesohol-B2 fuels on performance and emission of diesel engines. Fuel, 2017, 196, 110-123.	3.4	101
87	Experimental and numerical investigation on the optical and thermal performance of solar parabolic dish and corrugated spiral cavity receiver. Journal of Cleaner Production, 2017, 150, 75-92.	4.6	109
88	Performance and emission characteristics of a CI engine fuelled with carbon nanotubes and diesel-biodiesel blends. Renewable Energy, 2017, 111, 201-213.	4.3	174
89	Co-generation of heat and power in a thermoelectric system equipped with Fresnel lens collectors using active and passive cooling techniques. Renewable Energy, 2017, 112, 268-279.	4.3	23
90	The effect of piston scratching fault on the vibration behavior of an IC engine. Applied Acoustics, 2017, 126, 91-100.	1.7	44

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91	The effect of throttle valve positions on thermodynamic second law efficiency and availability of SI engine using bioethanol-gasoline blends. Renewable Energy, 2017, 103, 208-216.	4.3	8
92	Preparation and investigation of the heat transfer properties of a novel nanofluid based on graphene quantum dots. Energy Conversion and Management, 2017, 153, 215-223.	4.4	52
93	Optimization of methyl ester production from waste cooking oil in a batch tri-orifice oscillatory baffled reactor. Fuel Processing Technology, 2017, 167, 641-647.	3.7	44
94	Comparative assessment of performance and emission characteristics of castor, coconut and waste cooking based biodiesel as fuel in a diesel engine. Energy, 2017, 139, 883-894.	4.5	100
95	Energy and exergy analyses of a diesel engine fueled with diesel, biodiesel-diesel blend and gasoline fumigation. Energy, 2017, 141, 2408-2420.	4.5	75
96	Biofuel production from citrus wastes: A feasibility study in Iran. Renewable and Sustainable Energy Reviews, 2017, 69, 1100-1112.	8.2	104
97	Effects of biodiesel fuel synthesized from non-edible rapeseed oil on performance and emission variables of diesel engines. Journal of Cleaner Production, 2017, 142, 3798-3808.	4.6	57
98	Modelling total weighted vibration of a trailer seat pulled by a two-wheel tractor consumed dieselâ€“biodiesel fuel blends using ANFIS methodology. Neural Computing and Applications, 2017, 28, 1197-1206.	3.2	9
99	ANN model to predict the performance of parabolic dish collector with tubular cavity receiver. Mechanics and Industry, 2017, 18, 408.	0.5	46
100	Environmental impact assessment of olive pomace oil biodiesel production and consumption: A comparative lifecycle assessment. Energy, 2016, 106, 87-102.	4.5	82
101	Prediction of biodiesel properties and its characterization using fatty acid profiles. Korean Journal of Chemical Engineering, 2016, 33, 2042-2049.	1.2	9
102	Characterization of engine's combustion-vibration using diesel and biodiesel fuel blends by time-frequency methods: A case study. Renewable Energy, 2016, 95, 422-432.	4.3	50
103	Experimental investigation of bioethanol liquid phase dehydration using natural clinoptilolite. Journal of Advanced Research, 2016, 7, 435-444.	4.4	22
104	Performance study of a solar-assisted organic Rankine cycle using a dish-mounted rectangular-cavity tubular solar receiver. Applied Thermal Engineering, 2016, 108, 1298-1309.	3.0	84
105	Optimizing the efficiency of a solar receiver with tubular cylindrical cavity for a solar-powered organic Rankine cycle. Energy, 2016, 112, 1259-1272.	4.5	95
106	Experimental and numerical investigation of heat transfer and turbulent characteristics of a novel EGR cooler in diesel engine. Applied Thermal Engineering, 2016, 108, 1344-1356.	3.0	10
107	Optimization of biodiesel percentage in fuel mixture and engine operating conditions for diesel engine performance and emission characteristics by Artificial Bees Colony Algorithm. Fuel, 2016, 184, 518-526.	3.4	44
108	Fault detection of engine timing belt based on vibration signals using data-mining techniques and a novel data fusion procedure. Structural Health Monitoring, 2016, 15, 583-598.	4.3	16

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109	Energy analyses and drying kinetics of chamomile leaves in microwave-convective dryer. Journal of the Saudi Society of Agricultural Sciences, 2016, 15, 179-187.	1.0	34
110	SVM and ANFIS for prediction of performance and exhaust emissions of a SI engine with gasolineâ€“ethanol blended fuels. Applied Thermal Engineering, 2016, 95, 186-203.	3.0	93
111	Ultrasonic-assisted production of biodiesel from Pistacia atlantica Desf. oil. Fuel, 2016, 168, 22-26.	3.4	50
112	A comprehensive review of Uniform Solar Illumination at Low Concentration Photovoltaic (LCPV) Systems. Renewable and Sustainable Energy Reviews, 2016, 60, 1430-1441.	8.2	52
113	Waste fish oil (WFO) esterification catalyzed by sulfonated activated carbon under ultrasound irradiation. Applied Thermal Engineering, 2016, 94, 141-150.	3.0	38
114	Piston scuffing fault and its identification in an IC engine by vibration analysis. Applied Acoustics, 2016, 102, 40-48.	1.7	50
115	Experimental investigation of a diesel engine power, torque and noise emission using waterâ€“diesel emulsions. Fuel, 2016, 166, 392-399.	3.4	68
116	TOPSIS Multi-Criteria Decision Modeling Approach for Biolubricant Selection for Two-Stroke Petrol Engines. Energies, 2015, 8, 13960-13970.	1.6	22
117	Solar energy in Iran: Current state and outlook. Renewable and Sustainable Energy Reviews, 2015, 49, 931-942.	8.2	170
118	Optimization of Biodiesel Ultrasound-Assisted Synthesis from Castor Oil Using Response Surface Methodology (RSM). Chemical Product and Process Modeling, 2015, 10, 123-133.	0.5	8
119	Optimization of ultrasonic assisted continuous production of biodiesel using response surface methodology. Ultrasonics Sonochemistry, 2015, 27, 54-61.	3.8	78
120	Optimization of biodiesel synthesis under simultaneous ultrasound-microwave irradiation using response surface methodology (RSM). Green Processing and Synthesis, 2015, 4, .	1.3	7
121	Optimization of performance and exhaust emission parameters of a SI (spark ignition) engine with gasolineâ€“ethanol blended fuels using response surface methodology. Energy, 2015, 90, 1815-1829.	4.5	91
122	Ultrasonic sensing of pistachio canopy for low-volume precision spraying. Computers and Electronics in Agriculture, 2015, 112, 149-160.	3.7	53
123	An ultrasound-assisted system for the optimization of biodiesel production from chicken fat oil using a genetic algorithm and response surface methodology. Ultrasonics Sonochemistry, 2015, 26, 312-320.	3.8	104
124	Biodiesel production from Norouzak (Salvia lerifolia) seeds as an indigenous source of bio fuel in Iran using ultrasound. Energy Conversion and Management, 2015, 99, 132-140.	4.4	50
125	Solar desalination: A sustainable solution to water crisis in Iran. Renewable and Sustainable Energy Reviews, 2015, 48, 571-584.	8.2	164
126	Mathematical Modeling of Thin-Layer Solar Drying for Yarrow, Coriander and Hollyhock. International Journal of Food Engineering, 2015, 11, 691-700.	0.7	3

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127	Design, Fabrication and Evaluation of Gamma-Type Stirling Engine to Produce Electricity from Biomass for the Micro-CHP System. Energy Procedia, 2015, 75, 137-143.	1.8	16
128	Development of Micro-scale Biomass-fuelled CHP System Using Stirling Engine. Energy Procedia, 2015, 75, 1108-1113.	1.8	27
129	Performance and Exhaust Emissions of a SI Two-stroke Engine with Biolubricants Using Artificial Neural Network. Energy Procedia, 2015, 75, 3-9.	1.8	20
130	Acoustic Analysis of a Single Cylinder Diesel Engine Using Biodiesel Fuel Blends. Energy Procedia, 2015, 75, 893-899.	1.8	16
131	Solar Thermal Power Plants: Progress and Prospects in Iran. Energy Procedia, 2015, 75, 533-539.	1.8	25
132	Production of biodiesel from fishmeal plant waste oil using ultrasonic and conventional methods. Applied Thermal Engineering, 2015, 75, 575-579.	3.0	60
133	Investigation of microwave dryer effect on energy efficiency during drying of apple slices. Journal of the Saudi Society of Agricultural Sciences, 2015, 14, 41-47.	1.0	113
134	Mathematical modelling of thin layer hot air drying of apricot with combined heat and power dryer. Journal of Food Science and Technology, 2015, 52, 2950-2957.	1.4	28
135	A Thermal Performance Evaluation of a Medium-Temperature Point-focus Solar Collector Using Local Weather Data and Artificial Neural Networks. International Journal of Green Energy, 2015, 12, 493-505.	2.1	12
136	A novel soluble nano-catalysts in dieselâ€“biodiesel fuel blends to improve diesel engines performance and reduce exhaust emissions. Fuel, 2015, 139, 374-382.	3.4	245
137	Effect of Operating Parameters on Ethanolâ€“Water Vacuum Separation in an Ethanol Dehydration Apparatus and Process Modeling with ANN. Chemical Product and Process Modeling, 2014, 9, 179-191.	0.5	6
138	An Investigation of Energy Consumption, Solar Fraction and Hybrid Photovoltaicâ€“Thermal Solar Dryer Parameters in Drying of Chamomile Flower. International Journal of Food Engineering, 2014, 10, 697-711.	0.7	7
139	Energy-economic life cycle assessment (LCA) and greenhouse gas emissions analysis of olive oil production in Iran. Energy, 2014, 66, 139-149.	4.5	95
140	Energy life-cycle assessment and CO2 emissions analysis of soybean-based biodiesel: a case study. Journal of Cleaner Production, 2014, 66, 233-241.	4.6	54
141	Comparison of energy parameters in various dryers. Energy Conversion and Management, 2014, 87, 711-725.	4.4	184
142	Genetic Algorithm Approach to Optimize Biodiesel Production by Ultrasonic System. Chemical Product and Process Modeling, 2014, 9, 59-70.	0.5	30
143	Experimental performance evaluation of a stand-alone point-focus parabolic solar still. Desalination, 2014, 352, 1-17.	4.0	103
144	Potential saving in energy using combined heat and power technology for drying agricultural products (banana slices). Journal of the Saudi Society of Agricultural Sciences, 2014, 13, 174-182.	1.0	9

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145	Experimental investigation of the tractor engine performance using diesohol fuel. Applied Energy, 2014, 114, 874-879.	5.1	29
146	EFFECT OF THE INJECTION TIMING ON THE PERFORMANCE OF A DIESEL ENGINE USING DIESEL-BIODIESEL BLENDS. International Journal of Automotive and Mechanical Engineering, 2014, 10, 1945-1958.	0.5	13
147	An Experimental Investigation of the Effective Parameters on Wet Washing of Biodiesel Purification. International Journal of Automotive and Mechanical Engineering, 2014, 9, 1525-1537.	0.5	39
148	Micro combined heat and power (MCHP) technologies and applications. Renewable and Sustainable Energy Reviews, 2013, 28, 510-524.	8.2	128
149	An experimental investigation of Perkins A63544 diesel engine performance using D-Series fuel. Energy Conversion and Management, 2013, 76, 356-361.	4.4	6
150	Potential of biogas production in Iran. Renewable and Sustainable Energy Reviews, 2013, 28, 702-714.	8.2	119
151	Waste fish oil biodiesel as a source of renewable fuel in Iran. Renewable and Sustainable Energy Reviews, 2013, 17, 312-319.	8.2	129
152	Drying of Apple Slices in Combined Heat and Power (CHP) Dryer: Comparison of Mathematical Models and Neural Networks. Chemical Product and Process Modeling, 2013, 8, 41-52.	0.5	12
153	Energy consumption and greenhouse gas emissions of biodiesel production from rapeseed in Iran. Journal of Renewable and Sustainable Energy, 2013, 5, .	0.8	18
154	Artificial Neural Networks Approach for the Prediction of Thermal Balance of SI Engine Using Ethanol-Gasoline Blends. Lecture Notes in Computer Science, 2012, , 31-43.	1.0	9
155	Liquid biofuels potential and outlook in Iran. Renewable and Sustainable Energy Reviews, 2012, 16, 4379-4384.	8.2	78
156	Current biodiesel production technologies: A comparative review. Energy Conversion and Management, 2012, 63, 138-148.	4.4	492
157	Vibration analysis of a diesel engine using biodiesel and petrodiesel fuel blends. Fuel, 2012, 102, 414-422.	3.4	122
158	Saffron Drying with a Heat Pumpâ€“Assisted Hybrid Photovoltaicâ€“Thermal Solar Dryer. Drying Technology, 2012, 30, 560-566.	1.7	84
159	Effects of Biodiesel and Engine Load on Some Emission Characteristics of a Direct Injection Diesel Engine. Current World Environment Journal, 2012, 7, 207-212.	0.2	18
160	Algae as a sustainable energy source for biofuel production in Iran: A case study. Renewable and Sustainable Energy Reviews, 2011, 15, 3870-3876.	8.2	111
161	Geothermal resources in Iran: The sustainable future. Renewable and Sustainable Energy Reviews, 2011, 15, 3946-3951.	8.2	39
162	EIS study of corrosion behavior of metallic materials in ethanol blended gasoline containing water as a contaminant. Fuel, 2011, 90, 1181-1187.	3.4	47

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163	LLK1694-wind energy resources and development in Iran. Renewable and Sustainable Energy Reviews, 2011, 15, 2719-2728.	8.2	63
164	Biodiesel production potential from edible oil seeds in Iran. Renewable and Sustainable Energy Reviews, 2011, 15, 3041-3044.	8.2	77
165	Effect of ethanol as gasoline additive on vehicle fuel delivery system corrosion. Materials and Corrosion - Werkstoffe Und Korrosion, 2010, 61, 432-440.	0.8	21
166	Application of artificial neural networks for the prediction of performance and exhaust emissions in SI engine using ethanol- gasoline blends. Energy, 2010, 35, 65-69.	4.5	224
167	A proposed numericalâ€“experimental method for drying kinetics in a spray dryer. Journal of Food Engineering, 2009, 90, 20-26.	2.7	23
168	Diesterol: An environment-friendly IC engine fuel. Renewable Energy, 2009, 34, 335-342.	4.3	114
169	Diesel engine performance and exhaust emission analysis using waste cooking biodiesel fuel with an artificial neural network. Renewable Energy, 2009, 34, 976-982.	4.3	420
170	Future of renewable energies in Iran. Renewable and Sustainable Energy Reviews, 2009, 13, 689-695.	8.2	120
171	Potential of bioethanol production from agricultural wastes in Iran. Renewable and Sustainable Energy Reviews, 2009, 13, 1418-1427.	8.2	128
172	Performance and exhaust emissions of a gasoline engine with ethanol blended gasoline fuels using artificial neural network. Applied Energy, 2009, 86, 630-639.	5.1	378
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