Richard J Brown

List of Publications by Year
in descending order

148 papers	4,753 citations	81900 39 h-index	128289 60 g-index
150 all docs	150 docs citations	150 times ranked	4383 citing authors

#	Article	IF	Citations
1	Gaseous and particulate emissions analysis using microalgae based dioctyl phthalate biofuel during cold, warm and hot engine operation. Fuel, 2022, 312, 122965.	6.4	5
2	Particulate number emissions during cold-start with diesel and biofuels: A special focus on particle size distribution. Sustainable Energy Technologies and Assessments, 2022, 51, 101953.	2.7	2
3	Morphological and Nanostructural Characteristics of Diesel Exhaust Soot Particles at Different Engine Operating Conditions. Lecture Notes in Mechanical Engineering, 2022, , 409-417.	0.4	1
4	Engine performance and emissions from fuels containing nitrogen and sulphur. Energy Conversion and Management: X, 2022, 14, 100179.	1.6	2
5	Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region. Journal of Marine Systems, 2022, 230, 103731.	2.1	2
6	Impact of driving style and traffic condition on emissions and fuel consumption during real-world transient operation. Fuel, 2022, 319, 123874.	6.4	23
7	On-road CO2 and NOx emissions of a diesel vehicle in urban traffic. Transportation Research, Part D: Transport and Environment, 2022, 107, 103326.	6.8	8
8	Synthesis and evaluation of catalytic activity of NiFe2O4 nanoparticles in a diesel engine: An experimental investigation and Multi-Criteria Decision Making approach. Journal of Cleaner Production, 2022, 365, 132818.	9.3	0
9	In-cylinder pressure reconstruction by engine acoustic emission. Mechanical Systems and Signal Processing, 2021, 152, 107490.	8.0	5
10	Cold-start NOx emissions: Diesel and waste lubricating oil as a fuel additive. Fuel, 2021, 286, 119430.	6.4	23
11	Ethanol Fumigation and Engine Performance in a Diesel Engine. Energy, Environment, and Sustainability, 2021, , 191-212.	1.0	1
12	Nonlinear dynamics of cycle-to-cycle variations in a lean-burn natural gas engine with a non-uniform pre-mixture. Nonlinear Dynamics, 2021, 104, 2241-2258.	5.2	3
13	Soot particle morphology and nanostructure with oxygenated fuels: A comparative study into cold-start and hot-start operation. Environmental Pollution, 2021, 275, 116592.	7.5	21
14	Sensitivity and robustness of Lagrangian coherent structures in coastal water systems. Environmental Fluid Mechanics, 2021, 21, 667-691.	1.6	1
15	Analysis of cycle-to-cycle variations in a common-rail compression ignition engine fuelled with diesel and biodiesel fuels. Fuel, 2021, 290, 120010.	6.4	16
16	Fractional distillation of algae based hydrothermal liquefaction biocrude for co-processing: changes in the properties, storage stability, and miscibility with diesel. Energy Conversion and Management, 2021, 236, 114005.	9.2	26
17	Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland: A first look at persistent Lagrangian Coherent Structures (LCS). Journal of Marine Systems, 2021, 217, 103514.	2.1	7
18	Effects of enhanced fuel with Mg-doped Fe3O4 nanoparticles on combustion of a compression ignition engine: Influence of Mg cation concentration. Renewable and Sustainable Energy Reviews, 2021, 141, 110817.	16.4	8

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19	Development of a reduced multi-component combustion mechanism for a diesel/natural gas dual fuel engine by cross-reaction analysis. Fuel, 2021, 293, 120388.	6.4	19
20	The fate of nitrogen and sulphur during co-liquefaction of algae and bagasse: Experimental and multi-criterion decision analysis. Biomass and Bioenergy, 2021, 151, 106119.	5.7	9
21	Assessment of an ensemble-based data assimilation system for a shallow estuary. Estuarine, Coastal and Shelf Science, 2021, 257, 107389.	2.1	6
22	Persistency of debris accumulation in tidal estuaries using Lagrangian coherent structures. Science of the Total Environment, 2021, 781, 146808.	8.0	8
23	Assimilation of GPS-tracked drifter data to improve the Eulerian velocity fields in an estuary. Estuarine, Coastal and Shelf Science, 2021, 262, 107575.	2.1	0
24	Analysis of cold-start NO_2 and NO_x emissions, and the NO_2/NO_x ratio in a diesel engine powered with different diesel-biodiesel blends. Environmental Pollution, 2021, 290, 118052.	7.5	32
25	Lagrangian Data Assimilation for Improving Model Estimates of Velocity Fields and Residual Currents in a Tidal Estuary. Applied Sciences (Switzerland), 2021, 11, 11006.	2.5	1
26	The impact of chemical composition of oxygenated fuels on morphology and nanostructure of soot particles. Fuel, 2020, 259, 116167.	6.4	46
27	Novel biofuels derived from waste tyres and their effects on reducing oxides of nitrogen and particulate matter emissions. Journal of Cleaner Production, 2020, 242, 118463.	9.3	17
28	Cationic polyacrylamide induced flocculation and turbulent dewatering of microalgae on a Britt Dynamic Drainage Jar. Separation and Purification Technology, 2020, 233, 116004.	7.9	21
29	The effect of diesel fuel sulphur and vanadium on engine performance and emissions. Fuel, 2020, 261, 116437.	6.4	21
30	Muco-ciliary clearance: A review of modelling techniques. Journal of Biomechanics, 2020, 99, 109578.	2.1	20
31	Engine performance and emissions of high nitrogen-containing fuels. Fuel, 2020, 264, 116805.	6.4	13
32	Combustion Analysis of a Diesel Engine during Warm up at Different Coolant and Lubricating Oil Temperatures. Energies, 2020, 13, 3931.	3.1	15
33	Single-step dynamic dewatering of microalgae from dilute suspensions using flocculant assisted filtration. Microbial Cell Factories, 2020, 19, 222.	4.0	8
34	Synthesize of magnetite Mg-Fe mixed metal oxide nanocatalyst by urea-nitrate combustion method with optimal fuel ratio for reduction of emissions in diesel engines. Journal of Alloys and Compounds, 2020, 838, 155627.	5.5	7
35	LNG regasification â€" Effects of project stage decisions on capital expenditure and implications for gas pricing. Journal of Natural Gas Science and Engineering, 2020, 78, 103291.	4.4	4
36	Material and debris transport patterns in Moreton Bay, Australia: The influence of Lagrangian coherent structures. Science of the Total Environment, 2020, 721, 137715.	8.0	20

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37	Emissions and performance with diesel and waste lubricating oil: A fundamental study into cold start operation with a special focus on particle number size distribution. Energy Conversion and Management, 2020, 209, 112604.	9.2	19
38	Improving the Accuracy of Hydrodynamic Model Predictions Using Lagrangian Calibration. Water (Switzerland), 2020, 12, 575.	2.7	15
39	Notable reductions in blow-by and particle emissions during cold and hot start operations from a turbocharged diesel engine using oxygenated fuels. Fuel Processing Technology, 2020, 203, 106394.	7.2	23
40	Engine Performance and Emissions Analysis in a Cold, Intermediate and Hot Start Diesel Engine. Applied Sciences (Switzerland), 2020, 10, 3839.	2.5	17
41	Transport and fate of inhaled particles after deposition onto the airway surface liquid: A 3D numerical study. Computers in Biology and Medicine, 2020, 117, 103595.	7.0	6
42	The correlation between diesel soot chemical structure and reactivity. Carbon, 2020, 161, 736-749.	10.3	42
43	Influence of doping Mg cation in Fe_3O_4 lattice on its oxygen storage capacity to use as a catalyst for reducing emissions of a compression ignition engine. Fuel, 2020, 272, 117728.	6.4	18
44	Quantification of inertial effect on the transport of macro-plastics in a tidal embayment. , 2020, , .		1
45	Identifying material repelling areas in coastal water systems through Lagrangian coherent structures. , 2020, , .		2
46	Hydrodynamic modelling and model sensitivities to bed roughness and bathymetry offset in a micro-tidal estuary. Journal of Hydroinformatics, 2020, 22, 1536-1553.	2.4	5
47	Structural characterisation of soot particles for cold-start and hot-start operation of a diesel engine. , 2020, , .		4
48	Response of GPS-Tracked Drifters to Wind and Water Currents in a Tidal Estuary. IEEE Journal of Oceanic Engineering, 2019, 44, 1077-1089.	3.8	7
49	Factors Affecting Microalgae Production for Biofuels and the Potentials of Chemometric Methods in Assessing and Optimizing Productivity. Cells, 2019, 8, 851.	4.1	41
50	Comparison of manual and automatic approaches for characterisation of morphology and nanostructure of soot particles. Journal of Aerosol Science, 2019, 136, 91-105.	3.8	26
51	A comparison of particulate matter and gaseous emission factors from two large cargo vessels during manoeuvring conditions. Energy Reports, 2019, 5, 1390-1398.	5.1	21
52	Effect of cold start on engine performance and emissions from diesel engines using IMO-Compliant distillate fuels. Environmental Pollution, 2019, 255, 113260.	7.5	15
53	Three-Dimensional Numerical Analysis of Periciliary Liquid Layer: Ciliary Abnormalities in Respiratory Diseases. Applied Sciences (Switzerland), 2019, 9, 4033.	2.5	10
54	Multivariate analysis of performance and emission parameters in a diesel engine using biodiesel and oxygenated additive. Energy Conversion and Management, 2019, 201, 112183.	9.2	32

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55	Exergy analysis of a diesel engine with waste cooking biodiesel and triacetin. Energy Conversion and Management, 2019, 198, 111912.	9.2	75
56	A review of fractional distillation to improve hydrothermal liquefaction biocrude characteristics; future outlook and prospects. Renewable and Sustainable Energy Reviews, 2019, 115, 109355.	16.4	45
57	Assessment of the use of a novel series of oxygenated fuels for a turbocharged diesel engine. Journal of Cleaner Production, 2019, 217, 549-558.	9.3	24
58	An Overview of the Influence of Biodiesel, Alcohols, and Various Oxygenated Additives on the Particulate Matter Emissions from Diesel Engines. Energies, 2019, 12, 1987.	3.1	47
59	Experimental Investigation of Diesel Engine Performance, Combustion and Emissions Using a Novel Series of Dioctyl Phthalate (DOP) Biofuels Derived from Microalgae. Energies, 2019, 12, 1964.	3.1	20
60	Experimental Analysis of the Morphology and Nanostructure of Soot Particles for Butanol/Diesel Blends at Different Engine Operating Modes. Energy & Fuels, 2019, 33, 5632-5646.	5.1	25
61	Influence of fuel-oxygen content on morphology and nanostructure of soot particles. Combustion and Flame, 2019, 205, 206-219.	5.2	67
62	Microalgae dewatering for biofuels: A comparative techno-economic assessment using single and two-stage technologies. Journal of Cleaner Production, 2019, 229, 325-336.	9.3	33
63	Investigation of diesel engine performance and exhaust emissions of microalgae fuel components in a turbocharged diesel engine. Energy Conversion and Management, 2019, 186, 220-228.	9.2	44
64	An experimental study of the role of biodiesel on the performance of diesel particulate filters. Fuel, 2019, 247, 67-76.	6.4	34
65	Global impacts of recent IMO regulations on marine fuel oil refining processes and ship emissions. Transportation Research, Part D: Transport and Environment, 2019, 70, 123-134.	6.8	177
66	On-road NOx emissions of a modern commercial light-duty diesel vehicle using a blend of tyre oil and diesel. Energy Reports, 2019, 5, 349-356.	5.1	20
67	Nitrogen and sulphur in algal biocrude: A review of the HTL process, upgrading, engine performance and emissions. Energy Conversion and Management, 2019, 181, 105-119.	9.2	62
68	Analysis of the nonlinear dynamics of inter-cycle combustion variations in an ethanol fumigation-diesel dual-fuel engine. Nonlinear Dynamics, 2019, 95, 2555-2574.	5.2	25
69	Characteristics of flow fluctuations in a tide-dominated estuary: Application of triple decomposition technique. Estuarine, Coastal and Shelf Science, 2019, 218, 119-130.	2.1	8
70	Diesel engine performance and emissions with fuels derived from waste tyres. Scientific Reports, 2018, 8, 2457.	3.3	45
71	Performance and exhaust emissions of diesel engines using microalgae FAME and the prospects for microalgae HTL biocrude. Renewable and Sustainable Energy Reviews, 2018, 82, 4269-4278.	16.4	39
72	On-board measurements of particle and gaseous emissions from a large cargo vessel at different operating conditions. Environmental Pollution, 2018, 237, 832-841.	7.5	55

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73	Evaluating the link between the sulfur-rich Laacher See volcanic eruption and the Younger Dryas climate anomaly. Climate of the Past, 2018, 14, 969-990.	3.4	40
74	Performance and Combustion Characteristics Analysis of Multi-Cylinder CI Engine Using Essential Oil Blends. Energies, 2018, 11, 738.	3.1	18
75	Stability of Individuals during Urban Inundations: What Should We Learn from Field Observations?. Geosciences (Switzerland), 2018, 8, 341.	2.2	14
76	A comparative investigation into cold-start and hot-start operation of diesel engine performance with oxygenated fuels during transient and steady-state operation. Fuel, 2018, 228, 390-404.	6.4	49
77	Techno-economic analysis of the thermal liquefaction of sugarcane bagasse in ethanol to produce liquid fuels. Applied Energy, 2018, 224, 184-193.	10.1	34
78	Observation of the Dynamics and Horizontal Dispersion in a Shallow Intermittently Closed and Open Lake and Lagoon (ICOLL). Water (Switzerland), 2018, 10, 776.	2.7	7
79	Effect of sulphur and vanadium spiked fuels on particle characteristics and engine performance of auxiliary diesel engines. Environmental Pollution, 2018, 243, 1943-1951.	7.5	21
80	Detection of Misfire in a Six-Cylinder Diesel Engine Using Acoustic Emission Signals. , 2018, , .		2
81	The influence of oxygenated fuels on transient and steady-state engine emissions. Energy, 2017, 121, 841-853.	8.8	41
82	Diesel engine emissions with oxygenated fuels: A comparative study into cold-start and hot-start operation. Journal of Cleaner Production, 2017, 162, 997-1008.	9.3	71
83	Comparative evaluation of the effect of sweet orange oil-diesel blend on performance and emissions of a multi-cylinder compression ignition engine. AIP Conference Proceedings, 2017, , .	0.4	4
84	Engine Performance during Transient and Steady-State Operation with Oxygenated Fuels. Energy & Fuels, 2017, 31, 7510-7522.	5.1	50
85	Microalgae biodiesel: Current status and future needs for engine performance and emissions. Renewable and Sustainable Energy Reviews, 2017, 79, 1160-1170.	16.4	84
86	Energy and chemical conversion of five Australian lignocellulosic feedstocks into bio-crude through liquefaction. RSC Advances, 2017, 7, 27707-27717.	3.6	11
87	A parametric study on engine performance and emissions with neat diesel and diesel-butanol blends in the 13-Mode European Stationary Cycle. Energy Conversion and Management, 2017, 148, 251-259.	9.2	73
88	Investigation of microalgae HTL fuel effects on diesel engine performance and exhaust emissions using surrogate fuels. Energy Conversion and Management, 2017, 152, 186-200.	9.2	45
89	Engine blow-by with oxygenated fuels: A comparative study into cold and hot start operation. Energy, 2017, 140, 612-624.	8.8	40
90	Liquefaction biocrudes and their petroleum crude blends for processing in conventional distillation units. Fuel Processing Technology, 2017, 167, 674-683.	7.2	24

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91	Reductions in diesel emissions including PM and PN emissions with diesel-biodiesel blends. Journal of Cleaner Production, 2017, 166, 860-868.	9.3	94
92	Relative dispersion of clustered drifters in a small micro-tidal estuary. Estuarine, Coastal and Shelf Science, 2017, 194, 1-15.	2.1	17
93	Experimental Investigations of Physical and Chemical Properties for Microalgae HTL Bio-Crude Using a Large Batch Reactor. Energies, 2017, 10, 467.	3.1	33
94	LNG Regasification Terminals: The Role of Geography and Meteorology on Technology Choices. Energies, 2017, 10, 2152.	3.1	50
95	The effect of triacetin as a fuel additive to waste cooking biodiesel on engine performance and exhaust emissions. Fuel, 2016, 182, 640-649.	6.4	100
96	Physical and Chemical Stability of Bagasse Biocrude from Liquefaction Stored in Real Conditions. Energy & Fuels, 2016, 30, 10499-10504.	5.1	19
97	Eddy diffusivity: a single dispersion analysis of high resolution drifters in a tidal shallow estuary. Environmental Fluid Mechanics, 2016, 16, 923-943.	1.6	14
98	Influence of fuel-borne oxygen on European Stationary Cycle: Diesel engine performance and emissions with a special emphasis on particulate and NO emissions. Energy Conversion and Management, 2016, 127, 187-198.	9.2	40
99	Analysis of the dynamic characteristics of combustion instabilities in a pre-mixed lean-burn natural gas engine. Applied Energy, 2016, 183, 746-759.	10.1	54
100	Was millennial scale climate change during the Last Glacial triggered by explosive volcanism?. Scientific Reports, 2015, 5, 17442.	3.3	55
101	Hydrothermal liquefaction of bagasse using ethanol and black liquor as solvents. Biofuels, Bioproducts and Biorefining, 2015, 9, 630-638.	3.7	44
102	A Review of Hydrothermal Liquefaction Bio-Crude Properties and Prospects for Upgrading to Transportation Fuels. Energies, 2015, 8, 6765-6794.	3.1	187
103	Evaluation of Residence Time on Nitrogen Oxides Removal in Non-Thermal Plasma Reactor. PLoS ONE, 2015, 10, e0140897.	2.5	17
104	Performance evaluation of non-thermal plasma on particulate matter, ozone and CO2 correlation for diesel exhaust emission reduction. Chemical Engineering Journal, 2015, 276, 240-248.	12.7	51
105	Effect of Cell Wall Properties on Porosity and Shrinkage of Dried Apple. International Journal of Food Properties, 2015, 18, 2327-2337.	3.0	68
106	Measuring the regional availability of biomass for biofuels and the potential for microalgae. Renewable and Sustainable Energy Reviews, 2015, 49, 1271-1285.	16.4	51
107	New criterion for the stability of a human body in floodwaters. Journal of Hydraulic Research/De Recherches Hydrauliques, 2015, 53, 540-541.	1.7	15
108	A statistical model for combustion resonance from a DI diesel engine with applications. Mechanical Systems and Signal Processing, 2015, 60-61, 406-419.	8.0	1

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109	High-Resolution GNSS-Tracked Drifter for Studying Surface Dispersion in Shallow Water. Journal of Atmospheric and Oceanic Technology, 2015, 32, 579-590.	1.3	24
110	A micro-level investigation of the solid displacement method for porosity determination of dried food. Journal of Food Engineering, 2015, 166, 156-164.	5.2	39
111	Fuel characterisation, engine performance, combustion and exhaust emissions with a new renewable Licella biofuel. Energy Conversion and Management, 2015, 96, 588-598.	9.2	67
112	Investigation of the effects of the fatty acid profile on fuel properties using a multi-criteria decision analysis. Energy Conversion and Management, 2015, 98, 340-347.	9.2	31
113	Inter-cycle variability of ignition delay in an ethanol fumigated common rail diesel engine. Energy, 2015, 84, 186-195.	8.8	22
114	Combustion analysis of microalgae methyl ester in a common rail direct injection diesel engine. Fuel, 2015, 143, 351-360.	6.4	122
115	The capture and retention evaluation of a stormwater gross pollutant trap design. Ecological Engineering, 2015, 74, 56-59.	3.6	10
116	ICOPE-15-1020 Hampson type heat-exchanger technology and economic evaluation for LNG re-gasification and power generation At LNG receiving terminals. The Proceedings of the International Conference on Power Engineering (ICOPE), 2015, 2015.12, _ICOPE-15--_ICOPE-15-.	0.0	1
117	Biodiesel Production from Non-Edible Beauty Leaf (Calophyllum inophyllum) Oil: Process Optimization Using Response Surface Methodology (RSM). Energies, 2014, 7, 5317-5331.	3.1	59
118	Effect of temperature and moisture on high pressure lipid/oil extraction from microalgae. Energy Conversion and Management, 2014, 88, 307-316.	9.2	41
119	Turbulent Mixing and Sediment Processes in Peri-Urban Estuaries in South-East Queensland (Australia). Estuaries of the World, 2014, , 167-183.	0.1	1
120	A Bayesian approach to the determination of ignition delay. Applied Thermal Engineering, 2013, 60, 79-87.	6.0	20
121	Effect of Pulsed Power on Particle Matter in Diesel Engine Exhaust Using a DBD Plasma Reactor. IEEE Transactions on Plasma Science, 2013, 41, 2349-2358.	1.3	44
122	Application of Multicriteria Decision Making Methods to Compression Ignition Engine Efficiency and Gaseous, Particulate, and Greenhouse Gas Emissions. Environmental Science & Technology, 2013, 47, 1904-1912.	10.0	11
123	Inter-cycle variability of in-cylinder pressure parameters in an ethanol fumigated common rail diesel engine. Energy, 2013, 52, 55-65.	8.8	62
124	Mixing and dispersion of pollutants emitted from an outboard motor. Marine Pollution Bulletin, 2013, 69, 19-27.	5.0	6
125	Influence of Fatty Acid Structure on Fuel Properties of Algae Derived Biodiesel. Procedia Engineering, 2013, 56, 591-596.	1.2	72
126	Turbulence and Suspended Sediment Measurements in an Urban Environment during the Brisbane River Flood of January 2011. Journal of Hydraulic Engineering, 2013, 139, 244-253.	1.5	23

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127	Microalgal Species Selection for Biodiesel Production Based on Fuel Properties Derived from Fatty Acid Profiles. Energies, 2013, 6, 5676-5702.	3.1	254
128	The Use of Artificial Neural Networks for Identifying Sustainable Biodiesel Feedstocks. Energies, 2013, 6, 3764-3806.	3.1	53
129	Prandtl number scaling of the unsteady natural convection boundary layer adjacent to a vertical flat plate for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="italic">Pr</mml:mi><mml:mo>></mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> subject to ramp surface heat flux. International Journal of Heat and Mass Transfer, 2013, 55, 7046-7055.	4.8	7
130	Suspended sediment properties and suspended sediment flux estimates in an inundated urban environment during a major flood event. Water Resources Research, 2012, 48, .	4.2	26
131	Turbulence measurements in a small subtropical estuary under king tide conditions. Environmental Fluid Mechanics, 2012, 12, 265-289.	1.6	17
132	Scaling for the Prandtl number of the natural convection boundary layer of an inclined flat plate under uniform surface heat flux. International Journal of Heat and Mass Transfer, 2012, 55, 2394-2401.	4.8	12
133	Gaseous and particle emissions from an ethanol fumigated compression ignition engine. Energy Conversion and Management, 2012, 54, 145-151.	9.2	73
134	A comparative study of the number and mass of fine particles emitted with diesel fuel and marine gas oil (MGO). Atmospheric Environment, 2012, 57, 22-28.	4.1	29
135	Bayesian models for the determination of resonant frequencies in a DI diesel engine. Mechanical Systems and Signal Processing, 2012, 26, 305-314.	8.0	23
136	Advances in Heterogeneous Photocatalytic Degradation of Phenols and Dyes in Wastewater: A Review. Water, Air, and Soil Pollution, 2011, 215, 3-29.	2.4	324
137	Experimental study of the concentration field of discharge from a boat propeller. Environmental Fluid Mechanics, 2010, 10, 657-675.	1.6	4
138	Particle Emissions, Volatility, and Toxicity from an Ethanol Fumigated Compression Ignition Engine. Environmental Science & Technology, 2010, 44, 229-235.	10.0	72
139	The effect of flocculants on the filtration of bagasse pulp pads. Tappi Journal, 2010, 9, 7-14.	0.5	7
140	The degree of the special linear characters of a rank two free group. Geometriae Dedicata, 2009, 142, 173-190.	0.3	0
141	A Novel Method to Capture and Analyze Flow in a Gross Pollutant Trap Using Image-Based Vector Visualization. Water, Air and Soil Pollution, 2009, 9, 357-369.	0.8	2
142	Turbulence characteristics of a small subtropical estuary during and after some moderate rainfall. Estuarine, Coastal and Shelf Science, 2008, 79, 661-670.	2.1	10
143	Turbulent Measurements in a Small Subtropical Estuary with Semidiurnal Tides. Journal of Hydraulic Engineering, 2008, 134, 1665-1670.	1.5	20
144	FL4-2: Analysis of Dual Fuel Compression Ignition (Diesel) Engine(FL: Fuels and Lubricants,General) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Combustion in Internal Combustion Engines, 2008, 2008.7, 839-846.	0.1	0

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145	The algebraic entropy of the special linear character automorphisms of a free group on two generators. Transactions of the American Mathematical Society, 2007, 359, 1445-1470.	0.9	10
146	Preliminary Measurements of Turbulence and Environmental Parameters in a Sub-Tropical Estuary of Eastern Australia. Environmental Fluid Mechanics, 2005, 5, 553-575.	1.6	17
147	Anosov mapping class actions on the $SU(2)$-representation variety of a punctured torus. Ergodic Theory and Dynamical Systems, 1998, 18, 539-554.	0.6	6
148	Characteristics of Particle Number and Particle Mass Emissions of a Diesel Engine during Cold-, Warm-, and Hot-Start Operation. , 0, , .		4