

# Bengt H Johansson

## List of Publications by Year in descending order

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337  
papers

10,992  
citations

94269

37  
h-index

98622

67  
g-index

340  
all docs

340  
docs citations

340  
times ranked

6594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimates of the air-fuel ratio at the time of ignition in a pre-chamber using a narrow throat geometry. <i>International Journal of Engine Research</i> , 2023, 24, 622-638.	1.4	15
2	Maintenance and Reformation of News Repertoires: A Latent Transition Analysis. <i>Journalism and Mass Communication Quarterly</i> , 2022, 99, 237-261.	1.4	13
3	Computational comparison of the conventional diesel and hydrogen direct-injection compression-ignition combustion engines. <i>Fuel</i> , 2022, 307, 121909.	3.4	26
4	Prevalence of fatigue in adults with congenital heart disease. <i>Cardiology in the Young</i> , 2022, 32, 1432-1439.	0.4	1
5	Effects of multiple spark ignition on engine knock under different compression ratio and fuel octane number conditions. <i>Fuel</i> , 2022, 310, 122471.	3.4	10
6	Adoption, implementation and design of carbon pricing policy instruments. <i>Energy Strategy Reviews</i> , 2022, 40, 100801.	3.3	13
7	Effects of volume and nozzle area in narrow-throat spark-ignited pre-chamber combustion engines. <i>Fuel</i> , 2022, 313, 123029.	3.4	26
8	Double Compression-Expansion Engine (DCEE) Fueled with Hydrogen: Preliminary Computational Assessment. <i>Transportation Engineering</i> , 2022, , 100103.	2.3	2
9	Computational optimization of a hydrogen direct-injection compression-ignition engine for jet mixing dominated nonpremixed combustion. <i>International Journal of Engine Research</i> , 2022, 23, 754-768.	1.4	8
10	Predicting toxicity caused by high-dose-rate brachytherapy single boost for prostate cancer. <i>Journal of Contemporary Brachytherapy</i> , 2022, 14, 7-14.	0.4	0
11	A Pathway to Ultra-Lean IC Engine Combustion: The Narrow Throat Pre-chamber. <i>Energy, Environment, and Sustainability</i> , 2022, , 175-203.	0.6	4
12	Heart Failure and Patient-Reported Outcomes in Adults With Congenital Heart Disease from 15 Countries. <i>Journal of the American Heart Association</i> , 2022, 11, e024993.	1.6	10
13	Hydrogen double compression-expansion engine (H2DCEE): A sustainable internal combustion engine with 60%+ brake thermal efficiency potential at 45Åbar BMEP. <i>Energy Conversion and Management</i> , 2022, 264, 115698.	4.4	8
14	Interventions in Adults With Repaired Coarctation of the Aorta. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	2
15	A numerical investigation of isobaric combustion strategy in a compression ignition engine. <i>International Journal of Engine Research</i> , 2021, 22, 3372-3390.	1.4	12
16	Intraoperative high dose rate brachytherapy during breast-conserving surgery: A prospective pilot study. <i>Scandinavian Journal of Surgery</i> , 2021, 110, 312-321.	1.3	1
17	Physical Functioning, Mental Health, and Quality of Life in Different Congenital Heart Defects: Comparative Analysis in 3538 Patients From 15 Countries. <i>Canadian Journal of Cardiology</i> , 2021, 37, 215-223.	0.8	36
18	Effects of Turbulence and Temperature Fluctuations on Knock Development in an Ethanol/Air Mixture. <i>Flow, Turbulence and Combustion</i> , 2021, 106, 575-595.	1.4	21

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19	Sense of coherence in adults with congenital heart disease in 15 countries: Patient characteristics, cultural dimensions and quality of life. <i>European Journal of Cardiovascular Nursing</i> , 2021, 20, 48-55.	0.4	20
20	Response to Escande et al.: Magnetic guided brachytherapy: Time for non-pelvic cancer? Example from tongue brachytherapy. <i>Radiotherapy and Oncology</i> , 2021, 155, e3-e4.	0.3	0
21	Three-stage auto-ignition of n-heptane and methyl-cyclohexane mixtures at lean conditions in a flat piston rapid compression machine. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5539-5548.	2.4	3
22	Understanding multi-stage HCCI combustion caused by thermal stratification and chemical three-stage auto-ignition. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5575-5583.	2.4	8
23	A statistical analysis of developing knock intensity in a mixture with temperature inhomogeneities. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5781-5789.	2.4	26
24	Implantable cardiac devices in adult patients with repaired tetralogy of Fallot. <i>Scandinavian Cardiovascular Journal</i> , 2021, 55, 22-28.	0.4	0
25	Reply to "letter to the editor regarding "low bone mineral density in adults with complex congenital heart disease". <i>International Journal of Cardiology</i> , 2021, 322, 169.	0.8	0
26	An experimental and numerical investigation to characterize the low-temperature heat release in stoichiometric and lean combustion. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5673-5683.	2.4	7
27	Atrial arrhythmias and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , 2021, 18, 793-800.	0.3	16
28	Enablers and barriers for being physically active: experiences from adults with congenital heart disease. <i>European Journal of Cardiovascular Nursing</i> , 2021, 20, 276-284.	0.4	3
29	High-dose-rate brachytherapy as monotherapy for low- and intermediate-risk prostate cancer: long-term experience of Swedish single-center. <i>Journal of Contemporary Brachytherapy</i> , 2021, 13, 245-253.	0.4	8
30	Despite reductions in muscle mass and muscle strength in adults with CHD, the muscle strength per muscle mass relationship does not differ from controls. <i>Cardiology in the Young</i> , 2021, 31, 792-798.	0.4	1
31	Phenotypes of adults with congenital heart disease around the globe: a cluster analysis. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 53.	1.0	8
32	Ultra-hypofractionated versus conventionally fractionated radiotherapy for prostate cancer (HYPO-RT-PC): patient-reported quality-of-life outcomes of a randomised, controlled, non-inferiority, phase 3 trial. <i>Lancet Oncology</i> , The, 2021, 22, 235-245.	5.1	88
33	High prevalence of ascending aortic dilation in adults with repaired coarctation of the aorta. <i>Cardiology in the Young</i> , 2021, 31, 992-997.	0.4	3
34	Patient-Reported Outcomes in Adults With Congenital Heart Disease Following Hospitalization (from Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	7
35	Computational characterization of hydrogen direct injection and nonpremixed combustion in a compression-ignition engine. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 18678-18696.	3.8	50
36	Optical diagnostics on the pre-chamber jet and main chamber ignition in the active pre-chamber combustion (PCC). <i>Combustion and Flame</i> , 2021, 228, 218-235.	2.8	50

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37	A comparative study of isobaric combustion and conventional diesel combustion in both metal and optical engines. <i>Fuel</i> , 2021, 295, 120638.	3.4	15
38	An industrial policy framework for transforming energy and emissions intensive industries towards zero emissions. <i>Climate Policy</i> , 2021, 21, 1053-1065.	2.6	66
39	Multiple spark plugs coupled with pressure sensors: A new approach for knock mechanism study on SI engines. <i>Energy</i> , 2021, 227, 120382.	4.5	21
40	Statistical study on engine knock oscillation and heat release using multiple spark plugs and pressure sensors. <i>Fuel</i> , 2021, 297, 120746.	3.4	20
41	Effects of fuel trapping in piston crevice on unburned hydrocarbon emissions in early-injection compression ignition engines. <i>Combustion and Flame</i> , 2021, 231, 111496.	2.8	18
42	Energy Governance in Sweden. , 2021, , 1-30.		1
43	Strategies for greening the economy in three Nordic countries. <i>Environmental Policy and Governance</i> , 2021, 31, 592-604.	2.1	22
44	Health behaviours reported by adults with congenital heart disease across 15 countries. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1077-1087.	0.8	19
45	Implantable cardioverter-defibrillators and patient-reported outcomes in adults with congenital heart disease: An international study. <i>Heart Rhythm</i> , 2020, 17, 768-776.	0.3	13
46	The Role of Multiple Injections on Combustion in a Light-Duty PPC Engine. <i>Energies</i> , 2020, 13, 5535.	1.6	0
47	Response to the Letter to the editor by Shoar et al. on outpatient volumes and medical staffing resources as predictors for continuity of follow-up care during transfer of adolescents with congenital heart disease. <i>International Journal of Cardiology</i> , 2020, 312, 63.	0.8	0
48	Healthcare system inputs and patient-reported outcomes: a study in adults with congenital heart defect from 15 countries. <i>BMC Health Services Research</i> , 2020, 20, 496.	0.9	5
49	Outpatient volumes and medical staffing resources as predictors for continuity of follow-up care during transfer of adolescents with congenital heart disease. <i>International Journal of Cardiology</i> , 2020, 310, 51-57.	0.8	14
50	Low bone mineral density in adults with complex congenital heart disease. <i>International Journal of Cardiology</i> , 2020, 319, 62-66.	0.8	13
51	High-pressure direct injection of methanol and pilot diesel: A non-premixed dual-fuel engine concept. <i>Fuel</i> , 2020, 277, 117932.	3.4	50
52	Impact of spray-wall interaction on the in-cylinder spatial unburned hydrocarbon distribution of a gasoline partially premixed combustion engine. <i>Combustion and Flame</i> , 2020, 215, 157-168.	2.8	28
53	Study of spray/wall interaction in transition zones from HCCI via PPC to CI combustion modes. <i>Fuel</i> , 2020, 268, 117341.	3.4	14
54	Effect of medical treatment in patients with systemic right ventricle. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 300-305.	0.4	2

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55	Association of <i>FADS1/2</i> Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. <i>JAMA Cardiology</i> , 2020, 5, 694.	3.0	32
56	Troponin T but not C reactive protein is associated with future surgery for aortic stenosis: a population-based nested case-referent study. <i>Open Heart</i> , 2020, 7, e001325.	0.9	5
57	Religion and spirituality as predictors of patient-reported outcomes in adults with congenital heart disease around the globe. <i>International Journal of Cardiology</i> , 2019, 274, 93-99.	0.8	27
58	Slower Skeletal Muscle Oxygenation Kinetics in Adults With Complex Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1815-1823.	0.8	17
59	Differential impact of physical activity type on depression in adults with congenital heart disease: A multi-center international study. <i>Journal of Psychosomatic Research</i> , 2019, 124, 109762.	1.2	12
60	Prevalence and Effects of Cigarette Smoking, Cannabis Consumption, and Co-use in Adults From 15 Countries With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1842-1850.	0.8	14
61	Detection of low Temperature heat release (LTHR) in the standard Cooperative Fuel Research (CFR) engine in both SI and HCCI combustion modes. <i>Fuel</i> , 2019, 256, 115745.	3.4	28
62	The geopolitics of metals and metalloids used for the renewable energy transition. <i>Energy Strategy Reviews</i> , 2019, 26, 100394.	3.3	58
63	Mild impairment of renal function (shrunken pore syndrome) is associated with increased risk for future surgery for aortic stenosis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 524-530.	0.6	12
64	Aerobic capacity in adolescence is associated with time to intervention in adult men with atrial septal defects. <i>International Journal of Cardiology</i> , 2019, 280, 57-60.	0.8	0
65	Investigation of Effects of Intake Temperature on Low Load Limitations of Methanol Partially Premixed Combustion. <i>Energy &amp; Fuels</i> , 2019, 33, 5695-5709.	2.5	21
66	Arterial hypertension and diastolic blood pressure associate with aortic stenosis. <i>Scandinavian Cardiovascular Journal</i> , 2019, 53, 91-97.	0.4	6
67	Ultra-hypofractionated versus conventionally fractionated radiotherapy for prostate cancer: 5-year outcomes of the HYPO-RT-PC randomised, non-inferiority, phase 3 trial. <i>Lancet, The</i> , 2019, 394, 385-395.	6.3	542
68	Development and Feasibility of a Regulated, Supramaximal High-Intensity Training Program Adapted for Older Individuals. <i>Frontiers in Physiology</i> , 2019, 10, 590.	1.3	6
69	Sarcopenia is common in adults with complex congenital heart disease. <i>International Journal of Cardiology</i> , 2019, 296, 57-62.	0.8	36
70	Combustion stability study of partially premixed combustion by high-pressure multiple injections with low-octane fuel. <i>Applied Energy</i> , 2019, 248, 626-639.	5.1	29
71	Experimental Study on the Effects of Spray-Wall Interaction on Partially Premixed Combustion and Engine Emissions. <i>Energy &amp; Fuels</i> , 2019, 33, 5673-5681.	2.5	23
72	Patient-reported outcomes of adults with congenital heart disease from eight European countries: scrutinising the association with healthcare system performance. <i>European Journal of Cardiovascular Nursing</i> , 2019, 18, 465-473.	0.4	12

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73	Perceived Health Mediates Effects of Physical Activity on Quality of Life in Patients With a Fontan Circulation. <i>American Journal of Cardiology</i> , 2019, 124, 144-150.	0.7	17
74	Factors associated with health-related quality of life among adults with tetralogy of Fallot. <i>Open Heart</i> , 2019, 6, e000932.	0.9	8
75	Geographical variation and predictors of physical activity level in adults with congenital heart disease. <i>IJC Heart and Vasculature</i> , 2019, 22, 20-25.	0.6	13
76	Combustion-Based Transportation in a Carbon-Constrained World—A Review. <i>Energy, Environment, and Sustainability</i> , 2019, , 7-34.	0.6	3
77	Adults with congenital heart disease overestimate their physical activity level. <i>IJC Heart and Vasculature</i> , 2019, 22, 13-17.	0.6	12
78	Combustion stability study of partially premixed combustion with low-octane fuel at low engine load conditions. <i>Applied Energy</i> , 2019, 235, 56-67.	5.1	39
79	Investigation on a high-stratified direct injection spark ignition (DISI) engine fueled with methanol under a high compression ratio. <i>Applied Thermal Engineering</i> , 2019, 148, 352-362.	3.0	32
80	Exercise self-efficacy in adults with congenital heart disease. <i>IJC Heart and Vasculature</i> , 2018, 18, 7-11.	0.6	21
81	In-Cylinder Combustion and Soot Evolution in the Transition from Conventional Compression Ignition (CI) Mode to Partially Premixed Combustion (PPC) Mode. <i>Energy &amp; Fuels</i> , 2018, 32, 2306-2320.	2.5	30
82	Home-based interval training increases endurance capacity in adults with complex congenital heart disease. <i>Congenital Heart Disease</i> , 2018, 13, 254-262.	0.0	19
83	GTLne — Gasoline as a potential CN suppressant for GTL. <i>Fuel</i> , 2018, 222, 278-286.	3.4	3
84	Naphtha vs. dieselne — The effect of fuel properties on combustion homogeneity in transition from CI combustion towards HCCI. <i>Fuel</i> , 2018, 224, 451-460.	3.4	44
85	Gasoline compression ignition approach to efficient, clean and affordable future engines. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2018, 232, 118-138.	1.1	92
86	Numerical simulation of combustion and soot under partially premixed combustion of low-octane gasoline. <i>Fuel</i> , 2018, 211, 420-431.	3.4	61
87	Patient-reported outcomes in adults with congenital heart disease: Inter-country variation, standard of living and healthcare system factors. <i>International Journal of Cardiology</i> , 2018, 251, 34-41.	0.8	66
88	Combustion stratification study of partially premixed combustion using Fourier transform analysis of OH* chemiluminescence images. <i>International Journal of Engine Research</i> , 2018, 19, 1024-1035.	1.4	2
89	Aortic stiffness in families with inherited non-syndromic thoracic aortic disease. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 301-307.	0.4	2
90	ENT COBRA ONTOLOGY: the covariates classification system proposed by the Head & Neck and Skin GEC-ESTRO Working Group for interdisciplinary standardized data collection in head and neck patient cohorts treated with interventional radiotherapy (brachytherapy). <i>Journal of Contemporary Brachytherapy</i> , 2018, 10, 260-266.	0.4	44

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91	It's like balancing on a slackline" A description of how adults with congenital heart disease describe themselves in relation to physical activity. <i>Journal of Clinical Nursing</i> , 2018, 27, 3131-3138.	1.4	4
92	Investigation of Premixed and Diffusion Flames in PPC and CI Combustion Modes. , 2018, , .		2
93	Blending Octane Number of Toluene with Gasoline-like and PRF Fuels in HCCI Combustion Mode. , 2018, , .		3
94	Autoignition of Isooctane beyond RON and MON Conditions. <i>SAE International Journal of Fuels and Lubricants</i> , 2018, 11, 459-468.	0.2	7
95	Physical Activity-Related Drivers of Perceived Health Status in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2018, 122, 1437-1442.	0.7	19
96	Homogeneous charge compression ignition (HCCI) and partially premixed combustion (PPC) in compression ignition engine with low octane gasoline. <i>Energy</i> , 2018, 158, 181-191.	4.5	78
97	Global climate policy and deep decarbonization of energy-intensive industries. <i>Climate Policy</i> , 2017, 17, 634-649.	2.6	115
98	Coronary calcification compromises myocardial perfusion irrespective of luminal stenosis. <i>IJC Heart and Vasculature</i> , 2017, 14, 41-45.	0.6	5
99	Red Flags for Maltese Adults with Congenital Heart Disease: Poorer Dental Care and Less Sports Participation Compared to Other European Patients" An APPROACH-IS Substudy. <i>Pediatric Cardiology</i> , 2017, 38, 965-973.	0.6	4
100	Comparison of participants and non-participants in patient-reported outcome surveys: the case of Assessment of Patterns of Patient-Reported Outcomes in Adults with Congenital Heart disease " International Study. <i>Cardiology in the Young</i> , 2017, 27, 427-434.	0.4	17
101	Epidemiological changes in Eisenmenger syndrome in the Nordic region in 1977"2012. <i>Heart</i> , 2017, 103, 1353-1358.	1.2	26
102	Traditional Cardiovascular Risk Factors and Their Relation to Future Surgery for Valvular Heart Disease or Ascending Aortic Disease: A Case"Referent Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	26
103	Poor blood pressure control in adults with repaired coarctation of the aorta and hypertension: a register-based study of associated factors. <i>Cardiology in the Young</i> , 2017, 27, 1708-1715.	0.4	6
104	Patient reported outcomes are associated with physical activity level in adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2017, 243, 174-179.	0.8	15
105	The influence of charge stratification on the spectral signature of partially premixed combustion in a light-duty optical engine. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	1.1	12
106	GEC-ESTRO ACROP recommendations for head & neck brachytherapy in squamous cell carcinomas: 1st update " Improvement by cross sectional imaging based treatment planning and stepping source technology. <i>Radiotherapy and Oncology</i> , 2017, 122, 248-254.	0.3	111
107	Lipoprotein(a) and the Apolipoprotein B/A1 Ratio Independently Associate With Surgery for Aortic Stenosis Only in Patients With Concomitant Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	23
108	Blending Behavior of Ethanol with PRF 84 and FACE A Gasoline in HCCI Combustion Mmode. , 2017, , .		9

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109	Ischemic ECG abnormalities are associated with an increased risk for death among subjects with COPD, also among those without known heart disease. <i>International Journal of COPD</i> , 2017, Volume 12, 2507-2514.	0.9	8
110	Simulating HCCI Blending Octane Number of Primary Reference Fuel with Ethanol. , 2017, , .		22
111	In-cylinder visualization and engine out emissions from CI to PPC for fuels with different properties. <i>The Proceedings of the International Symposium on Diagnostics and Modeling of Combustion in Internal Combustion Engines</i> , 2017, 2017.9, C310.	0.1	5
112	Magnetic Resonance Compatibility of a Transponder Aimed for Radiotherapy Positioning â€” A Phantom Study. <i>Anticancer Research</i> , 2017, 37, 4993-4996.	0.5	2
113	ENT COBRA (Consortium for Brachytherapy Data Analysis): interdisciplinary standardized data collection system for head and neck patients treated with interventional radiotherapy (brachytherapy). <i>Journal of Contemporary Brachytherapy</i> , 2016, 4, 336-343.	0.4	43
114	High incidence of infective endocarditis in adults with congenital ventricular septal defect. <i>Heart</i> , 2016, 102, 1835-1839.	1.2	46
115	Cardiac hypertrophy and decreased high-density lipoprotein cholesterol in Lrig3-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1045-R1052.	0.9	20
116	A national approach for automated collection of standardized and population-based radiation therapy data in Sweden. <i>Radiotherapy and Oncology</i> , 2016, 119, 344-350.	0.3	19
117	Governing low-carbon energy transitions in sustainable ways: Potential synergies and conflicts between climate and environmental policy objectives. <i>Energy Policy</i> , 2016, 88, 245-252.	4.2	24
118	Left ventricular remodelling changes without concomitant loss of myocardial fat after long-term dietary intervention. <i>International Journal of Cardiology</i> , 2016, 216, 92-96.	0.8	18
119	Left ventricular hypertrophy in adults with previous repair of coarctation of the aorta; association with systolic blood pressure in the high normal range. <i>International Journal of Cardiology</i> , 2016, 218, 59-64.	0.8	25
120	Assessing the capabilities to manage risks in energy systemsâ€”analytical perspectives and frameworks with a starting point in Swedish experiences. <i>Energy</i> , 2016, 116, 429-435.	4.5	5
121	Model-Based Partially Premixed Combustion (PPC) Timing Control * *The author would like to acknowledge the Competence Center for Combustion Processes, KCFP, and the Swedish Energy Agency for the financial support. Gabriel Ingesson and Rolf Johansson are members of the LCCC Linnaeus Center and the eLIIT Excellence Center at Lund University. <i>IFAC-PapersOnLine</i> , 2016, 49, 340-346.	0.5	6
122	Hypertension in adults with repaired coarctation of the aorta. <i>American Heart Journal</i> , 2016, 181, 10-15.	1.2	29
123	A novel variant in MYLK causes thoracic aortic dissections: genotypic and phenotypic description. <i>BMC Medical Genetics</i> , 2016, 17, 61.	2.1	27
124	Habitual Physical Activity in Adults With Congenital Heart Disease Compared With Age- and Sex-Matched Controls. <i>Canadian Journal of Cardiology</i> , 2016, 32, 547-553.	0.8	37
125	Systematic exploration of scenario spaces. <i>Foresight</i> , 2016, 18, 59-75.	1.2	49
126	Ischemic heart disease among subjects with and without chronic obstructive pulmonary disease â€” ECG-findings in a population-based cohort study. <i>BMC Pulmonary Medicine</i> , 2015, 15, 156.	0.8	6



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127	Screening for Familial Thoracic Aortic Aneurysms with Aortic Imaging Does Not Detect All Potential Carriers of the Disease. <i>Aorta</i> , 2015, 03, 1-8.	0.1	13
128	Sensitivity Analysis of Partially Premixed Combustion (PPC) for Control Purposes. , 2015, , .		13
129	Adults with complex congenital heart disease have impaired skeletal muscle function and reduced confidence in performing exercise training. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1523-1530.	0.8	40
130	Analysis of in-cylinder H <sub>2</sub> O <sub>2</sub> and HO <sub>2</sub> distributions in an HCCI engine – Comparison of laser-diagnostic results with CFD and SRM simulations. <i>Combustion and Flame</i> , 2015, 162, 3131-3139.	2.8	25
131	Energy security matters in the EU Energy Roadmap. <i>Energy Strategy Reviews</i> , 2015, 6, 48-56.	3.3	93
132	Height, weight and body mass index in adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2015, 187, 219-226.	0.8	30
133	The level of physical exercise is associated with self-reported health status (EQ-5D) in adults with congenital heart disease. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 240-248.	0.8	18
134	On large eddy simulation of diesel spray for internal combustion engines. <i>International Journal of Heat and Fluid Flow</i> , 2015, 53, 68-80.	1.1	45
135	Long-Term Outcome of Mustard/Senning Correction for Transposition of the Great Arteries in Sweden and Denmark. <i>Circulation</i> , 2015, 132, 633-638.	1.6	114
136	Assessment of Patterns of Patient-Reported Outcomes in Adults with Congenital Heart disease – International Study (APPROACH-IS): Rationale, design, and methods. <i>International Journal of Cardiology</i> , 2015, 179, 334-342.	0.8	84
137	Comparison of Fuel Effects on Low Temperature Reactions in PPC and HCCI Combustion. , 2014, , .		9
138	The impact of activating source dwell positions outside the CTV on the dose to treated normal tissue volumes in TRUS guided 3D conformal interstitial HDR brachytherapy of prostate cancer. <i>Journal of Contemporary Brachytherapy</i> , 2014, 3, 282-288.	0.4	3
139	Assessing energy security: An overview of commonly used methodologies. <i>Energy</i> , 2014, 73, 1-14.	4.5	195
140	Security aspects of future renewable energy systems – A short overview. <i>Energy</i> , 2013, 61, 598-605.	4.5	175
141	Thickness dependent variations in surface phosphor thermometry during transient combustion in an HCCI engine. <i>Combustion and Flame</i> , 2013, 160, 1466-1475.	2.8	40
142	A broadened typology on energy and security. <i>Energy</i> , 2013, 53, 199-205.	4.5	91
143	Siting conflicts between wind power and military aviation – Problems and potential solutions. <i>Land Use Policy</i> , 2013, 34, 104-111.	2.5	18
144	Influence of jet – jet interactions on the lift-off length in an optical heavy-duty DI diesel engine. <i>Fuel</i> , 2013, 112, 311-318.	3.4	38

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145	The Low Load Limit of Gasoline Partially Premixed Combustion Using Negative Valve Overlap. Journal of Engineering for Gas Turbines and Power, 2013, 135, .	0.5	13
146	Pressure Sensitivity of HCCI Auto-Ignition Temperature for Oxygenated Reference Fuels. Journal of Engineering for Gas Turbines and Power, 2013, 135, .	0.5	17
147	Risk and vulnerability analysis: A feasible process for local climate adaptation in Sweden?. Local Environment, 2013, 18, 781-800.	1.1	3
148	High Speed Combustion Imaging in a Large Bore Gas Engine: The Relationship Between Pre- and Main Chamber Heat Release. , 2013, , .		15
149	A Study on In-Cycle Control of NOx Using Injection Strategy with a Fast Cylinder Pressure Based Emission Model as Feedback. , 2013, , .		13
150	Experimental Evaluation of a Novel High Frequency Ignition System Using a Flow-Reactor Set-up. , 2013, , .		1
151	Steady state fuel consumption optimization through feedback control of estimated cylinder individual efficiency. , 2012, , .		10
152	Investigation on the Impact of Fuel Properties on Partially Premixed Combustion Characteristics in a Light Duty Diesel Engine. , 2012, , .		7
153	Pressure Sensitivity of HCCI Auto-Ignition Temperature for Oxygenated Reference Fuels. , 2012, , .		2
154	Methodologies for characterising and valuing energy security &#x2014; A short critical review. , 2012, , .		4
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