

A review of cavity-based trapped vortex, ultra-compact

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Performance enhancement of a trapped-vortex combustor for gas turbine engines using a novel hybrid-atomizer. <i>Applied Energy</i> , 2018, 216, 286-295.	5.1	25
2	Numerical investigations on different configurations of a four-channel meso-scale planar combustor fueled by hydrogen/air mixture. <i>Energy Conversion and Management</i> , 2018, 160, 1-13.	4.4	41
3	Numerical and experimental demonstration of actively passive mitigating self-sustained thermoacoustic oscillations. <i>Applied Energy</i> , 2018, 222, 257-266.	5.1	18
4	A review of active control approaches in stabilizing combustion systems in aerospace industry. <i>Progress in Aerospace Sciences</i> , 2018, 97, 35-60.	6.3	159
5	Effect of extended necks on transmission loss performances of Helmholtz resonators in presence of a grazing flow. <i>Aerospace Science and Technology</i> , 2018, 77, 228-234.	2.5	28
6	Research progress on strut-equipped supersonic combustors for scramjet application. <i>Progress in Aerospace Sciences</i> , 2018, 103, 1-30.	6.3	149
7	Low-noise structure optimization of a heavy commercial vehicle cab based on approximation model. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2018, 37, 987-1002.	1.3	8
8	Flow field and combustion characteristics of integrated combustion mode using cavity with low flow resistance for gas turbine engines. <i>Energy</i> , 2018, 165, 979-996.	4.5	22
9	Combustion and stability characteristics of ultra-compact combustor using cavity for gas turbines. <i>Applied Energy</i> , 2018, 225, 940-954.	5.1	21
10	Performance and emission evaluation of a marine diesel engine fueled by water biodiesel-diesel emulsion blends with a fuel additive of a cerium oxide nanoparticle. <i>Energy Conversion and Management</i> , 2018, 169, 194-205.	4.4	196
11	Flame propagation and stabilization in dual-mode scramjet combustors: A survey. <i>Progress in Aerospace Sciences</i> , 2018, 101, 13-30.	6.3	163
12	Computational fluid dynamics simulations of the flow field characteristics in a novel exhaust purification muffler of diesel engine. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2018, 37, 816-833.	1.3	5
13	Effects analysis on combustion and thermal performance enhancement of a nozzle-inlet micro tube fueled by the premixed hydrogen/air. <i>Energy</i> , 2018, 160, 349-360.	4.5	40
14	Effect of swirl field on the fuel concentration distribution and combustion characteristics in gas turbine combustor with cavity. <i>Energy</i> , 2018, 162, 83-98.	4.5	24
15	Rear-Wall-Expansion Effect of Cavity Flameholder on Supersonic Combustion. <i>Journal of Propulsion and Power</i> , 2019, 35, 1029-1033.	1.3	13
16	Numerical investigation on the effects of valve timing on in-cylinder flow, combustion and emission performance of a diesel ignition natural gas engine through computational fluid dynamics. <i>Energy Conversion and Management</i> , 2019, 198, 111786.	4.4	12
17	Characterizing hydrogen-fueled pulsating combustion on thermodynamic properties of a combustor. <i>Communications Physics</i> , 2019, 2, .	2.0	104
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20	Experimental investigation on premixed hydrogen/air combustion in varied size combustors inserted with porous medium for thermophotovoltaic system applications. <i>Energy Conversion and Management</i> , 2019, 200, 112086.	4.4	52
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29	Analysis of spray combustion characteristics of diesel, biodiesel and their n-pentanol blends based on a one-dimensional semi-phenomenological model. <i>Applied Energy</i> , 2019, 238, 996-1009.	5.1	19
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38	Influences of excess air coefficient on combustion and emission performance of diesel pilot ignition natural gas engine by coupling computational fluid dynamics with reduced chemical kinetic model. <i>Energy Conversion and Management</i> , 2019, 187, 283-296.	4.4	30
39	Combustion characteristics and thermal performance of premixed hydrogen-air in a two-rearward-step micro tube. <i>Applied Energy</i> , 2019, 242, 424-438.	5.1	79
40	Feature parameter extraction and intelligent estimation of the State-of-Health of lithium-ion batteries. <i>Energy</i> , 2019, 176, 91-102.	4.5	141
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50	Numerical investigation of transverse jet in supersonic crossflow using a high-order nonlinear filter scheme. <i>Acta Astronautica</i> , 2019, 154, 74-81.	1.7	8
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111	Combustion characteristic of premixed H ₂ /air in the micro cavity combustor with guide vanes. <i>Energy</i> , 2022, 239, 121975.	4.5	26
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