

Alexander N Samsonov

List of Publications by Year in descending order

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13
papers

65
citations

1684188

5
h-index

1720034

7
g-index

13
all docs

13
docs citations

13
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling factor in continuous spin detonation of syngas-air mixtures. <i>Combustion, Explosion and Shock Waves</i> , 2017, 53, 187-198.	0.8	16
2	Pressure measurement by fast-response piezo-electric sensors during continuous spin detonation in the combustor. <i>Combustion, Explosion and Shock Waves</i> , 2017, 53, 65-73.	0.8	14
3	Detonation combustion of a hydrogen-oxygen mixture in a plane-radial combustor with exhaustion toward the center. <i>Combustion, Explosion and Shock Waves</i> , 2016, 52, 446-456.	0.8	13
4	Effect of combustor geometry on continuous spin detonation in syngas-air mixtures. <i>Combustion, Explosion and Shock Waves</i> , 2015, 51, 688-699.	0.8	9
5	Detonation of a hydrogen-oxygen gas mixture in a plane-radial combustor with exhaustion toward the periphery in the regime of oxygen ejection. <i>Journal of Physics: Conference Series</i> , 2018, 1128, 012075.	0.4	6
6	Continuous detonation of a hydrogen-oxygen gas mixture in a 100-mm plane-radial combustor with exhaustion toward the periphery. <i>Shock Waves</i> , 2020, 30, 235-243.	1.9	5
7	Continuous Detonation of a Mixture of Gaseous Hydrogen and Liquid Oxygen in a Plane-Radial Combustor with Exhaustion Toward the Periphery. <i>Combustion, Explosion and Shock Waves</i> , 2020, 56, 682-690.	0.8	2
8	Device for high speed digital recording of detonation waves. , 2010, , .		0
9	Device for video recording and analysis of galloping processes. , 2011, , .		0
10	A device for high-speed video filming of supersonic flows and moving particles. <i>Pattern Recognition and Image Analysis</i> , 2015, 25, 255-262.	1.0	0
11	High speed video recording system on a chip for detonation jet engine testing. <i>MATEC Web of Conferences</i> , 2018, 158, 01028.	0.2	0
12	MHD Effects in Continuous Spin Detonation. <i>Doklady Physics</i> , 2019, 64, 77-79.	0.7	0
13	Three-dimensional numerical simulation of continuous spin detonation in hydrogen-oxygen and hydrogen-air mixtures using OpenFOAM package. <i>Journal of Physics: Conference Series</i> , 2019, 1404, 012065.	0.4	0