

# Alexander N Samsonov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6274738/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	MHD Effects in Continuous Spin Detonation. <i>Doklady Physics</i> , 2019, 64, 77-79.	0.7	0
4	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
5	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
6	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
7	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
8	Scaling factor in continuous spin detonation of syngas-air mixtures. <i>Combustion, Explosion and Shock Waves</i> , 2017, 53, 187-198.	0.8	16
9	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
10	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
11	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
12	Device for video recording and analysis of galloping processes. , 2011, , .		0
13	Device for high speed digital recording of detonation waves. , 2010, , .		0