

Munko B Gonchikzhapov

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Combustion Chemistry and Decomposition Kinetics of Forest Fuels. <i>Procedia Engineering</i> , 2013, 62, 182-193.	1.2	36
2	An experimental study of horizontal flame spread over PMMA surface in still air. <i>Combustion and Flame</i> , 2018, 188, 388-398.	5.2	33
3	Chemistry of iron nitrate-based precursor solutions for spray-flame synthesis. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24793-24801.	2.8	30
4	Investigation of the structure and spread rate of flames over PMMA slabs. <i>Applied Thermal Engineering</i> , 2018, 130, 477-491.	6.0	28
5	Decomposition Reactions of Fe(CO) ₅ , Fe(C ₅ H ₅) ₂ , and TTIP as Precursors for the Spray-Flame Synthesis of Nanoparticles in Partial Spray Evaporation at Low Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8551-8561.	3.7	20
6	Counterflow flames of ultrahigh-molecular-weight polyethylene with and without triphenylphosphate. <i>Combustion and Flame</i> , 2016, 169, 261-271.	5.2	11
7	Experimental and numerical study of polyoxymethylene (Aldrich) combustion in counterflow. <i>Combustion and Flame</i> , 2019, 205, 358-367.	5.2	10
8	Influence of Triphenyl Phosphate on Degradation Kinetics of Ultrahigh-molecular-weight Polyethylene in Inert and Oxidative Media. <i>Procedia Engineering</i> , 2013, 62, 359-365.	1.2	6
9	Numerical study of polyethylene burning in counterflow: Effect of pyrolysis kinetics and composition of pyrolysis products. <i>Fire and Materials</i> , 2018, 42, 826-833.	2.0	3
10	Thermographic phosphor heat flux measurements of laminar methane/air flame impinging on a cylindrical surface. <i>Measurement Science and Technology</i> , 2019, 30, 094003.	2.6	3
11	Structure of ultrahigh molecular weight polyethylene-air counterflow flame. <i>Combustion, Explosion and Shock Waves</i> , 2016, 52, 260-272.	0.8	2
12	Condensation of HFE-7100 vapor in a loop heat pipe having a curvilinear fin. <i>EPJ Web of Conferences</i> , 2017, 159, 00031.	0.3	0
13	An experimental study and numerical simulation of flame spread over surface of PMMA slab. <i>Pozharovzryvobezopasnost/Fire and Explosion Safety</i> , 2019, 28, 15-28.	0.5	0