Pavel Yatsenko

List of Publications by Year
in descending order

11	69	1683934 5	1588896 8
papers	citations	h-index	g-index

11	11	11	34
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-temperature oxidation of acetylene by N2O at high Ar dilution conditions and in laminar premixed C2H2â€¯+â€¯O2â€¯+â€¯N2 flames. Combustion and Flame, 2022, 238, 111924.	2.8	12
2	High-temperature oxidation of propanol isomers in the mixtures with N2O at high Ar dilution conditions. Fuel, 2021, 287, 119499.	3.4	4
3	Monomolecular decomposition of C₃F₇I and CF₃I: Theory meets experiment. Journal of Physics: Conference Series, 2020, 1556, 012037.	0.3	1
4	Experimental study of high temperature oxidation of dimethyl ether, n-butanol and methane. Combustion and Flame, 2020, 218, 121-133.	2.8	13
5	Direct measurements of C₃F₇I dissociation rate constants using a shock tube ARAS technique. International Journal of Chemical Kinetics, 2019, 51, 206-214.	1.0	4
6	The study of C₂F₄Br₂dissociation kinetics using methods of atomic and molecular resonance absorption spectroscopy behind shock waves. Journal of Physics: Conference Series, 2018, 946, 012070.	0.3	4
7	Direct measurements of rate coefficients for thermal decomposition of CF₃I using shockâ€"tube ARAS technique. Journal Physics D: Applied Physics, 2018, 51, 184004.	1.3	11
8	Atomic resonance absorption spectroscopy monitoring of various halogen atoms formation in pyrolysis reactions behind shock waves. Journal of Physics: Conference Series, 2018, 946, 012069.	0.3	2
9	High-Temperature Rate Constants for the Reaction of Hydrogen Atoms with Tetramethoxysilane and Reactivity Analogies between Silanes and Oxygenated Hydrocarbons. Journal of Physical Chemistry A, 2018, 122, 5289-5298.	1.1	8
10	Study of trifluoromethane dissociation within wide pressure and temperature ranges by molecular resonance absorption spectroscopy. High Temperature, 2017, 55, 239-245.	0.1	8
11	Experimental study of chlorine atom interaction with acetylene behind shock waves. High Temperature, 2017, 55, 788-794.	0.1	2