

Nikita Bystrov

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

43
citations

1937457

4
h-index

1872570

6
g-index

6
all docs

6
docs citations

6
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature oxidation of acetylene by N ₂ O at high Ar dilution conditions and in laminar premixed C ₂ H ₂ +O ₂ +N ₂ flames. Combustion and Flame, 2022, 238, 111924.	2.8	12
2	Monomolecular decomposition of C ₃ F ₇ I and CF ₃ I: Theory meets experiment. Journal of Physics: Conference Series, 2020, 1556, 012037.	0.3	1
3	Experimental study of high temperature oxidation of dimethyl ether, n-butanol and methane. Combustion and Flame, 2020, 218, 121-133.	2.8	13
4	Direct measurements of C ₃ F ₇ I dissociation rate constants using a shock tube ARAS technique. International Journal of Chemical Kinetics, 2019, 51, 206-214.	1.0	4
5	Direct measurements of rate coefficients for thermal decomposition of CF ₃ I using shock-tube ARAS technique. Journal Physics D: Applied Physics, 2018, 51, 184004.	1.3	11
6	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