

# Nikita Bystrov

## List of Publications by Year in descending order

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Version: 2024-02-01

6  
papers

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1937457

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1872570

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6  
docs citations

6  
times ranked

22  
citing authors

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