

# Rasmus V OtkjÃ|r

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5312343/publications.pdf>

Version: 2024-02-01

10  
papers

729  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyl radical-induced formation of highly oxidized organic compounds. <i>Nature Communications</i> , 2016, 7, 13677.	12.8	178
2	Atmospheric autoxidation is increasingly important in urban and suburban North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 64-69.	7.1	149
3	Cost-Effective Implementation of Multiconformer Transition State Theory for Peroxy Radical Hydrogen Shift Reactions. <i>Journal of Physical Chemistry A</i> , 2016, 120, 10072-10087.	2.5	91
4	Unimolecular Reactions of Peroxy Radicals Formed in the Oxidation of $\hat{1}\pm$ -Pinene and $\hat{1}^2$ -Pinene by Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1661-1674.	2.5	75
5	Rapid Hydrogen Shift Scrambling in Hydroperoxy-Substituted Organic Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2016, 120, 266-275.	2.5	62
6	Calculated Hydrogen Shift Rate Constants in Substituted Alkyl Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8665-8673.	2.5	55
7	Computational Comparison of Different Reagent Ions in the Chemical Ionization of Oxidized Multifunctional Compounds. <i>Journal of Physical Chemistry A</i> , 2018, 122, 269-279.	2.5	43
8	Double Bonds Are Key to Fast Unimolecular Reactivity in First-Generation Monoterpene Hydroxy Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2885-2896.	2.5	37
9	Intramolecular Hydrogen Shift Chemistry of Hydroperoxy-Substituted Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2019, 123, 590-600.	2.5	31
10	Pathways to Highly Oxidized Products in the $\hat{1}^3$ -Carene + OH System. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2213-2224.	10.0	8