

# Rasmus V OtkjÃ¡r

## List of Publications by Year in descending order

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10  
papers

729  
citations

1040056

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1372567

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g-index

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docs citations

10  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways to Highly Oxidized Products in the $\hat{\Gamma}$ 3-Carene + OH System. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2213-2224.	10.0	8
2	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
3	Unimolecular Reactions of Peroxy Radicals Formed in the Oxidation of $\hat{\Gamma}$ $\pm$ -Pinene and $\hat{\Gamma}$ <sup>2</sup> -Pinene by Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1661-1674.	2.5	75
4	Intramolecular Hydrogen Shift Chemistry of Hydroperoxy-Substituted Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2019, 123, 590-600.	2.5	31
5	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
6	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
7	Calculated Hydrogen Shift Rate Constants in Substituted Alkyl Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8665-8673.	2.5	55
8	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
9	Hydroxyl radical-induced formation of highly oxidized organic compounds. <i>Nature Communications</i> , 2016, 7, 13677.	12.8	178
10	Rapid Hydrogen Shift Scrambling in Hydroperoxy-Substituted Organic Peroxy Radicals. <i>Journal of Physical Chemistry A</i> , 2016, 120, 266-275.	2.5	62