

# Anatoliy A Nikolayev

## List of Publications by Year in descending order

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Version: 2024-02-01

6  
papers

41  
citations

1684188

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1872680

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6  
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docs citations

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times ranked

36  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Reaction of $\text{C}_5\text{H}_6$ Benzyne with Vinylacetylene: An Unexplored Way to Produce Naphthalene. ChemPhysChem, 2022, 23, .	2.1	7
2	Gas-Phase Formation of $\text{C}_5\text{H}_6$ Isomers via the Crossed Molecular Beam Reaction of the Methylidyne Radical ( $\text{CH}; X^{2\text{I}}$ ) with 1,2-Butadiene ( $\text{CH}_3\text{CHCHCH}_2$ ; $X^{1\text{I}}$ ). Journal of Physical Chemistry A, 2021, 125, 126-138.	2.5	6
3	On the Synthesis of the Astronomically Elusive 1-Ethynyl-3-Silacyclopropenylidene ( $\text{c-SiC}_4\text{H}_2$ ) Molecule in Circumstellar Envelopes of Carbon-rich Asymptotic Giant Branch Stars and Its Potential Role in the Formation of the Silicon Tetracarbide Chain ( $\text{SiC}_4$ ). Astrophysical Journal Letters, 2021, 908, L40.	8.3	7
4	Theoretical Study of the Reaction of the Methylidyne Radical ( $\text{CH}; X^{2\text{I}}$ ) with 1-Butyne ( $\text{CH}_3\text{CH}_2\text{CCH}; X^{1\text{I}}$ ). Journal of Physical Chemistry A, 2021, 125, 9536-9547.	2.5	2
5	A chemical dynamics study of the reaction of the methylidyne radical ( $\text{CH}; X^{2\text{I}}$ ) with dimethylacetylene ( $\text{CH}_3\text{CCCH}_3$ ; $X^{1\text{I}}$ ). Physical Chemistry Chemical Physics, 2021, 24, 578-593.	2.8	12
6	Gas-Phase Synthesis of $\text{C}_3\text{H}_2$ Vinylcyclopropene via the Crossed Beam Reaction of the Methylidyne Radical ( $\text{CH}; X^{2\text{I}}$ ) with 1,3-Butadiene ( $\text{CH}_2\text{CHCHCH}_2$ ; $X^{1\text{I}}$ ). ChemPhysChem, 2020, 21, 1295-1309.	2.1	7