

Yuliya Paukku

List of Publications by Year in descending order

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9
papers

729
citations

933447

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1372567

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all docs

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docs citations

10
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved potential energy surface and multi-temperature quasiclassical trajectory calculations of N ₂ + N ₂ dissociation reactions. <i>Journal of Chemical Physics</i> , 2015, 143, 054304.	3.0	178
2	Global <i>ab initio</i> ground-state potential energy surface of N ₄ . <i>Journal of Chemical Physics</i> , 2013, 139, 044309.	3.0	175
3	Potential energy surfaces for O + O ₂ collisions. <i>Journal of Chemical Physics</i> , 2017, 147, 154312.	3.0	73
4	Potential energy surfaces of quintet and singlet O ₄ . <i>Journal of Chemical Physics</i> , 2017, 147, 034301.	3.0	65
5	Potential energy surface of triplet N ₂ O ₂ . <i>Journal of Chemical Physics</i> , 2016, 144, 024310.	3.0	63
6	Potential energy surface of triplet O ₄ . <i>Journal of Chemical Physics</i> , 2018, 148, 124314.	3.0	53
7	Global triplet potential energy surfaces for the N ₂ (<i>X</i> ¹ Σ) + O(<i>P</i>) $\hat{\rightarrow}$ NO(<i>X</i> ² $\hat{\Sigma}$) + N(<i>S</i>) reaction. <i>Journal of Chemical Physics</i> , 2016, 144, 024309.	3.0	41
8	The Structure of Silica Surfaces Exposed to Atomic Oxygen. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9311-9321.	3.1	28
9	Potential energy surfaces for high-energy N + O ₂ collisions. <i>Journal of Chemical Physics</i> , 2021, 154, 084304.	3.0	23