

# Manuvesh Sangwan

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

190  
citations

1162367

8  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disproportionation Channel of the Self-reaction of Hydroxyl Radical, $\text{OH} + \text{OH} \rightarrow \text{H}_2\text{O} + \text{O}$ , Revisited. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3993-4005.	1.1	9
2	Role of Methyl-2-nitrophenol Photolysis as a Potential Source of OH Radicals in the Polluted Atmosphere: Implications from Laboratory Investigation. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1861-1872.	1.1	16
3	Absorption Cross Sections of 2-Nitrophenol in the 295–400 nm Region and Photolysis of 2-Nitrophenol at 308 and 351 nm. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9958-9967.	1.1	26
4	Absorption of Near UV Light by $\text{HNO}_3/\text{NO}_3$ on Sapphire Surfaces. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2877-2884.	1.1	12
5	Reaction $\text{CH}_3 + \text{CH}_3 \rightarrow \text{C}_2\text{H}_6$ Studied over the 292–714 K Temperature and 1–100 bar Pressure Ranges. <i>Journal of Physical Chemistry A</i> , 2015, 119, 7847-7857.	1.1	20
6	Photolysis of Nitric Acid at 308 nm in the Absence and in the Presence of Water Vapor. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4907-4914.	1.1	8
7	Kinetics of the Gas Phase Reaction $\text{CH}_3 + \text{HO}_2$ . <i>Journal of Physical Chemistry A</i> , 2013, 117, 2916-2923.	1.1	17
8	Reaction $\text{CH}_3 + \text{OH}$ Studied over the 294–714 K Temperature and 1–100 bar Pressure Ranges. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8661-8670.	1.1	20
9	Disproportionation Channel of Self-Reaction of Hydroxyl Radical, $\text{OH} + \text{OH} \rightarrow \text{H}_2\text{O} + \text{O}$ , Studied by Time-Resolved Oxygen Atom Trapping. <i>Journal of Physical Chemistry A</i> , 2012, 116, 11817-11822.	1.1	21
10	Reaction $\text{OH} + \text{OH}$ Studied over the 298–834 K Temperature and 1 - 100 bar Pressure Ranges. <i>Journal of Physical Chemistry A</i> , 2012, 116, 6282-6294.	1.1	41