

# Muye Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9120691/publications.pdf>

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10  
papers

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citations

1162367  
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1372195  
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all docs

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docs citations

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times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	A reactive molecular dynamics simulation study of methane oxidation assisted by platinum/graphene-based catalysts. Proceedings of the Combustion Institute, 2019, 37, 5473-5480.	2.4	38
2	Study of mechanisms for electric field effects on ethanol oxidation via reactive force field molecular dynamics. Proceedings of the Combustion Institute, 2019, 37, 5525-5535.	2.4	36
3	Initiation mechanisms of enhanced pyrolysis and oxidation of JP-10 (exo-tetrahydrodicyclopentadiene) on functionalized graphene sheets: Insights from ReaxFF molecular dynamics simulations. Fuel, 2019, 254, 115643.	3.4	32
4	Fundamental Study on Mechanisms of Thermal Decomposition and Oxidation of Aluminum Hydride. Journal of Physical Chemistry C, 2019, 123, 24436-24445.	1.5	31
5	A molecular dynamics study on oxidation of aluminum hydride (AlH <sub>3</sub> )/hydroxyl-terminated polybutadiene (HTPB) solid fuel. Proceedings of the Combustion Institute, 2021, 38, 4469-4476.	2.4	20
6	Large-scale molecular dynamics simulation of flow under complex structure of endothelial glycocalyx. Computers and Fluids, 2018, 173, 140-146.	1.3	19
7	Ethanol oxidation with high water content: A reactive molecular dynamics simulation study. Fuel, 2019, 235, 515-521.	3.4	19
8	Regimes of Flow over Complex Structures of Endothelial Glycocalyx: A Molecular Dynamics Simulation Study. Scientific Reports, 2018, 8, 5732.	1.6	13
9	How sodium chloride extends lifetime of bulk nanobubbles in water. Soft Matter, 2022, 18, 2968-2978.	1.2	8
10	A reactive force field molecular dynamics study on the inception mechanism of titanium tetraisopropoxide (TTIP) conversion to titanium clusters. Chemical Engineering Science, 2022, 252, 117496.	1.9	6