Muye Feng

List of Publications by Year
in descending order

10	222	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	3.8	6
2	How sodium chloride extends lifetime of bulk nanobubbles in water. Soft Matter, 2022, 18, 2968-2978.	2.7	8
3	A molecular dynamics study on oxidation of aluminum hydride (AlH3)/hydroxyl-terminated polybutadiene (HTPB) solid fuel. Proceedings of the Combustion Institute, 2021, 38, 4469-4476.	3.9	20
4	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.	3.9	36
5	A reactive molecular dynamics simulation study of methane oxidation assisted by platinum/graphene-based catalysts. Proceedings of the Combustion Institute, 2019, 37, 5473-5480.	3.9	38
6	Ethanol oxidation with high water content: A reactive molecular dynamics simulation study. Fuel, 2019, 235, 515-521.	6.4	19
7	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.	6.4	32
8	Fundamental Study on Mechanisms of Thermal Decomposition and Oxidation of Aluminum Hydride. Journal of Physical Chemistry C, 2019, 123, 24436-24445.	3.1	31
9	Regimes of Flow over Complex Structures of Endothelial Glycocalyx: A Molecular Dynamics Simulation Study. Scientific Reports, 2018, 8, 5732.	3.3	13
10	Large-scale molecular dynamics simulation of flow under complex structure of endothelial glycocalyx. Computers and Fluids, 2018, 173, 140-146.	2.5	19