

# Fangwei Lv

## List of Publications by Year in descending order

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7  
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2258059

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1872680

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#	ARTICLE	IF	CITATIONS
1	The early stage of the thermal pulse explosions of aluminum nanowires under different energy deposition levels. Computational Materials Science, 2019, 170, 109142.	3.0	12
2	Molecular dynamics simulations on the effect of energy deposition rate on the electrical explosion of metal nanowires. Computational Materials Science, 2019, 162, 88-95.	3.0	11
3	Molecular dynamics simulation of the thermal pulse explosion of metal nanowire. AIP Advances, 2018, 8, .	1.3	4
4	Aluminium nanoparticle modelling coupled with molecular dynamic simulation method to compare the effect of annealing rates on diethyl ether coating and oxidation behaviours. Journal of Molecular Graphics and Modelling, 2020, 100, 107667.	2.4	4
5	Role of wire diameter size in the high voltage pulse wire explosion: Insights from molecular dynamics simulations. AIP Advances, 2021, 11, 065109.	1.3	2
6	Corrosion and Magnetization Analyses of Iron Encapsulated Aluminum Particles by Numerical Simulations. Coatings, 2019, 9, 557.	2.6	1
7	Molecular Dynamic Simulations of Diethyl Ether and its Mixture with Cellulose Dinitrate Tripolymer Molecules for their Thermal Diffusion Behaviors. Journal of Molecular and Engineering Materials, 2020, 08, 2050001.	1.8	0