

# Tianshui Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/143039/publications.pdf>

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papers

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1163117

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156  
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#	ARTICLE	IF	CITATIONS
1	Hydrogen diffusion into Pd(1 0 0) subsurface: Role of co-adsorbed bicomponent species on surface. Applied Surface Science, 2020, 533, 147448.	6.1	3
2	Structural patterns in carbon chemisorption on ultrasmall iron clusters: A first-principles study. Computational and Theoretical Chemistry, 2019, 1150, 49-56.	2.5	0
3	Impact of surface adsorbed gases on hydrogen diffusion into Pd(110) subsurface from first principles. Applied Surface Science, 2019, 473, 476-485.	6.1	8
4	High chemisorption abilities of hydrogen and oxygen on ultrasmall iron clusters: A first-principles study. Chemical Physics Letters, 2018, 705, 59-64.	2.6	3
5	Extinguishment of hydrocarbon pool fires by ultrafine water mist with ammonium/amidogen compound in an improved cup burner. Fire and Materials, 2018, 42, 889-896.	2.0	8
6	A Study of the Critical Velocity of Smoke Bifurcation Flow in Tunnel with Longitudinal Ventilation. Fire Technology, 2017, 53, 873-891.	3.0	12
7	Hydrogen diffusion into the subsurfaces of model metal catalysts from first principles. Physical Chemistry Chemical Physics, 2017, 19, 3557-3564.	2.8	21
8	Hydrogen diffusion on Fe surface and into subsurface from first principles. Surface Science, 2016, 654, 48-55.	1.9	21
9	Experimental Study on the Influence of Different Transverse Fire Locations on the Critical Longitudinal Ventilation Velocity in Tunnel Fires. Fire Technology, 2015, 51, 1217-1230.	3.0	39
10	A study of the probability distribution of pool fire extinguishing times using water mist. Chemical Engineering Research and Design, 2015, 93, 240-248.	5.6	40
11	A study of bifurcation flow of fire smoke in tunnel with longitudinal ventilation. International Journal of Heat and Mass Transfer, 2013, 67, 829-835.	4.8	46