Yan Xiong

List of Publications by Year
in descending order

11	93	1478505 6	1372567 10
papers	citations	h-index	g-index

11	11	11	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MILD combustion for hydrogen and syngas at elevated pressures. Journal of Thermal Science, 2014, 23, 96-102.	1.9	24
2	Intelligent sensitivity analysis framework based on machine learning for spacecraft thermal design. Aerospace Science and Technology, 2021, 118, 106927.	4.8	13
3	Intelligent Thermal Control Strategy Based on Reinforcement Learning for Space Telescope. Journal of Thermophysics and Heat Transfer, 2020, 34, 37-44.	1.6	10
4	Global Sensitivity Analysis Based on BP Neural Network for Thermal Design Parameters. Journal of Thermophysics and Heat Transfer, 2021, 35, 187-199.	1.6	10
5	Intelligent Optimization Strategy Based on Statistical Machine Learning for Spacecraft Thermal Design. IEEE Access, 2020, 8, 204268-204282.	4.2	9
6	Experimental and Numerical Study of the Effect of Fuel/Air Mixing Modes on NOx and CO Emissions of MILD Combustion in a Boiler Burner. Journal of Thermal Science, 2021, 30, 656-667.	1.9	6
7	A Surrogate-Model-Based Approach for the Optimization of the Thermal Design Parameters of Space Telescopes. Applied Sciences (Switzerland), 2022, 12, 1633.	2.5	6
8	Intelligent Thermal Control Algorithm Based on Deep Deterministic Policy Gradient for Spacecraft. Journal of Thermophysics and Heat Transfer, 2020, 34, 683-695.	1.6	5
9	Emission Characteristics and Visualization of an Axial-Fuel-Staged MILD Combustor. Combustion Science and Technology, 2021, 193, 2588-2609.	2.3	4
10	Surrogate modeling for spacecraft thermophysical models using deep learning. Neural Computing and Applications, 2022, 34, 16577-16603.	5.6	4
11	Application of Deep Reinforcement Learning to Thermal Control of Space Telescope. Journal of Thermal Science and Engineering Applications, 2022, 14, .	1.5	2