

# Wu Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6315084/publications.pdf>

Version: 2024-02-01

11  
papers

191  
citations

1039880

9  
h-index

1281743

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combustion promotion and extinction of premixed counterflow methane/air flames by $C_6F_{12}O$ fire suppressant. <i>Journal of Fire Sciences</i> , 2016, 34, 289-304.	0.9	47
2	Influence of halon replacements on laminar flame speeds and extinction limits of hydrocarbon flames. <i>Combustion and Flame</i> , 2017, 182, 1-13.	2.8	43
3	Numerical investigation of the chemical and physical effects of halogenated fire suppressants addition on methane-air mixtures. <i>Journal of Fire Sciences</i> , 2016, 34, 416-430.	0.9	20
4	Experimental study of the influence of dimethyl methylphosphonate on methane/air coflow diffusion flames using OH-PLIF. <i>Fuel</i> , 2019, 235, 39-44.	3.4	15
5	Effects of Fuel-Side $N_2$ , $CO_2$ , $H_2O$ Dilution on Combustion Characteristics and $NO_x$ Formation of Syngas Turbulent Nonpremixed Jet Flames. <i>Journal of Engineering for Gas Turbines and Power</i> , 2014, 136, .	0.5	14
6	Combustion Inhibition of Aluminum-Methane-Air Flames by Fine $NaCl$ Particles. <i>Energies</i> , 2018, 11, 3147.	1.6	12
7	Kinetic Study on the Pyrolysis of Medium Density Fiberboard: Effects of Secondary Charring Reactions. <i>Energies</i> , 2018, 11, 2481.	1.6	11
8	The numerical and experimental analysis of upward flame spread over the flat surface and the wavy surface. <i>Journal of Hazardous Materials</i> , 2019, 368, 644-652.	6.5	11
9	Investigation of the effect of dimethyl methylphosphonate (DMMP) on flame extinction limit of lithium-ion battery electrolyte solvents. <i>Fuel</i> , 2020, 270, 117423.	3.4	10
10	Investigation of Laminar Burning Velocities and Cellular Instability for Dimethyl Carbonate at Elevated Pressures. <i>Energy &amp; Fuels</i> , 2021, 35, 6210-6218.	2.5	5
11	Influence of 2,3,3,3-tetrafluoropropene (HFO-1234yf) addition on laminar burning velocities of $CH_4$ -air and $DME$ -air mixtures. <i>Fire Safety Journal</i> , 2021, 126, 103465.	1.4	3