Gang Xiong

List of Publications by Year
in descending order

11	167	1477746 6	1372195 10
papers	citations	h-index	g-index

11	11	11	173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel low-intensity phase-selective laser-induced breakdown spectroscopy of TiO2 nanoparticle aerosols during flame synthesis. Combustion and Flame, 2013, 160, 725-733.	2.8	71
2	Phase-selective laser-induced breakdown spectroscopy of metal-oxide nanoparticle aerosols with secondary resonant excitation during flame synthesis. Journal of Analytical Atomic Spectrometry, 2016, 31, 482-491.	1.6	23
3	Temperature measurement of a turbulent buoyant ethylene diffusion flame using a dual-thermocouple technique. Fire Safety Journal, 2021, 120, 103061.	1.4	16
4	Molecular Dynamics Study of Cubic Boron Nitride Nanoparticles: Decomposition with Phase Segregation during Melting. ACS Nano, 2016, 10, 10563-10572.	7.3	15
5	Tuning excitation laser wavelength for secondary resonance in low-intensity phase-selective laser-induced breakdown spectroscopy for in-situ analytical measurement of nanoaerosols. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 140, 13-21.	1.5	14
6	Electric-field-assisted stagnation-swirl-flame synthesis of porous nanostructured titanium-dioxide films. Proceedings of the Combustion Institute, 2017, 36, 1065-1075.	2.4	10
7	Experimental study of flame heat transfer in a vertical turbulent wall fire. Proceedings of the Combustion Institute, 2021, 38, 4477-4484.	2.4	7
8	Open-atmosphere flame synthesis of monolayer graphene. Carbon, 2021, 182, 307-315.	5.4	5
9	Binary collision of a burning droplet and a non-burning droplet of xylene: Outcome regimes and flame dynamics. Proceedings of the Combustion Institute, 2019, 37, 3345-3352.	2.4	4
10	Molecular Emissions from Stretched Excitation-Pulse in Nanosecond Phase-Selective Laser-Induced Breakdown Spectroscopy of TiO₂ Nanoaerosols. Applied Spectroscopy, 2022, , 000370282110725.	1.2	2
11	Duplex Nanostructured TiO2 Powder. Microscopy and Microanalysis, 2014, 20, 546-547.	0.2	0