

# Gang Xiong

## List of Publications by Year in descending order

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11  
papers

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1477746

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#	ARTICLE	IF	CITATIONS
1	Molecular Emissions from Stretched Excitation-Pulse in Nanosecond Phase-Selective Laser-Induced Breakdown Spectroscopy of TiO <sub>2</sub> Nanoaerosols. Applied Spectroscopy, 2022, , 000370282110725.	1.2	2
2	Temperature measurement of a turbulent buoyant ethylene diffusion flame using a dual-thermocouple technique. Fire Safety Journal, 2021, 120, 103061.	1.4	16
3	Experimental study of flame heat transfer in a vertical turbulent wall fire. Proceedings of the Combustion Institute, 2021, 38, 4477-4484.	2.4	7
4	Open-atmosphere flame synthesis of monolayer graphene. Carbon, 2021, 182, 307-315.	5.4	5
5	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
6	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
7	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
8	Molecular Dynamics Study of Cubic Boron Nitride Nanoparticles: Decomposition with Phase Segregation during Melting. ACS Nano, 2016, 10, 10563-10572.	7.3	15
9	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
10	Duplex Nanostructured TiO <sub>2</sub> Powder. Microscopy and Microanalysis, 2014, 20, 546-547.	0.2	0
11	Novel low-intensity phase-selective laser-induced breakdown spectroscopy of TiO <sub>2</sub> nanoparticle aerosols during flame synthesis. Combustion and Flame, 2013, 160, 725-733.	2.8	71