

# John P Koulakis

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

68  
citations

1684188

5  
h-index

1588992

8  
g-index

17  
all docs

17  
docs citations

17  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convective instability in a stratified ideal gas containing an acoustic field. <i>Journal of Fluid Mechanics</i> , 2021, 915, .	3.4	4
2	Tumescent Injections in Subcutaneous Pig Tissue Disperse Fluids Volumetrically and Maintain Elevated Local Concentrations of Additives for Several Hours, Suggesting a Treatment for Drug Resistant Wounds. <i>Pharmaceutical Research</i> , 2020, 37, 51.	3.5	5
3	Generation and Characterization of Chaotic Convection in Collisional Plasma. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3840-3846.	1.3	2
4	Acoustic self-oscillation in a spherical microwave plasma. <i>Physical Review E</i> , 2019, 100, 033204.	2.1	2
5	Sparks as sub-nanosecond, broadband light switches. <i>Optics Letters</i> , 2019, 44, 3258.	3.3	1
6	Dynamics of strongly coupled two-component plasma via ultrafast spectroscopy. <i>Optics Letters</i> , 2019, 44, 5832.	3.3	3
7	Subcutaneous cefazolin to reduce surgical site infections in a porcine model. <i>Journal of Surgical Research</i> , 2018, 224, 156-159.	1.6	2
8	Interstitial Matrix Prevents Therapeutic Ultrasound From Causing Inertial Cavitation in Tumescent Subcutaneous Tissue. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 177-186.	1.5	3
9	Acousto-convective relaxation oscillation in plasma lamp. <i>Proceedings of Meetings on Acoustics</i> , 2018, , .	0.3	4
10	Pycnoclinic acoustic force. <i>Proceedings of Meetings on Acoustics</i> , 2018, , .	0.3	4
11	Acoustic resonances in gas-filled spherical bulb with parabolic temperature profile. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2847-2851.	1.1	7
12	Fluid flow in tumescent subcutaneous tissue observed with 3D scanning: massage accelerates injection dispersal. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 045014.	1.2	1
13	Trapping of plasma enabled by pycnoclinic acoustic force. <i>Physical Review E</i> , 2018, 98, .	2.1	10
14	Magnetron Coupling to Sulfur Plasma Bulb. <i>IEEE Transactions on Plasma Science</i> , 2017, 45, 2940-2944.	1.3	6
15	Construction and characterization of a frequency-controlled, picometer-resolution, displacement encoder-actuator. <i>Review of Scientific Instruments</i> , 2016, 87, 055003.	1.3	0
16	The viscous catenary revisited: experiments and theory. <i>Journal of Fluid Mechanics</i> , 2008, 609, 87-110.	3.4	11