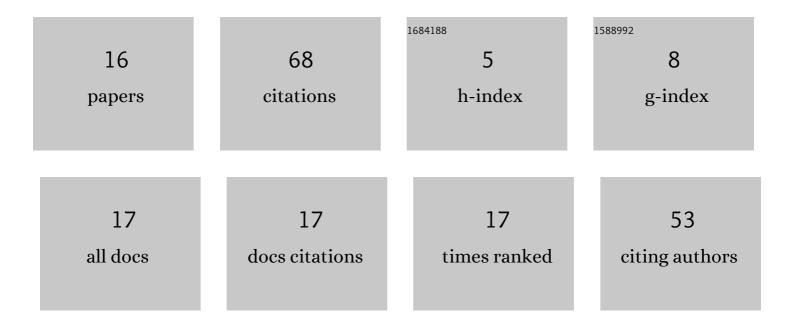
John P Koulakis

List of Publications by Year in descending order

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