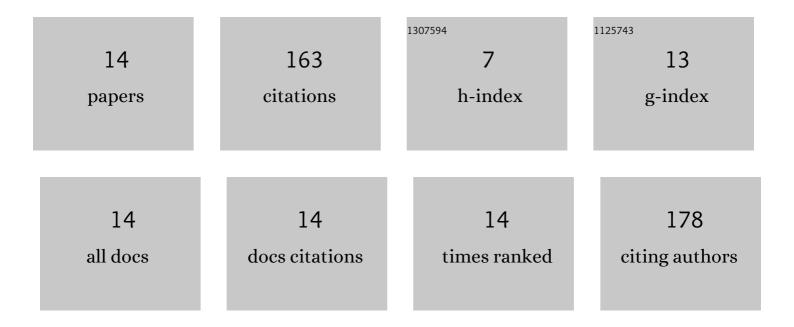
Xiangming Xiong

List of Publications by Year in descending order

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XIANCMING XIONG

#	Article	IF	CITATIONS
1	Turbulent bands in plane-Poiseuille flow at moderate Reynolds numbers. Physics of Fluids, 2015, 27, .	4.0	45
2	Composition and strain engineered AgNbO ₃ -based multilayer capacitors for ultra-high energy storage capacity. Journal of Materials Chemistry A, 2021, 9, 9655-9664.	10.3	40
3	Linear stability and energy stability of plane Poiseuille flow with isotropic and anisotropic slip boundary conditions. Physics of Fluids, 2020, 32, .	4.0	19
4	Theoretical analysis of a Love wave biosensor in liquid with a viscoelastic wave guiding layer. Journal of Applied Physics, 2017, 121, .	2.5	14
5	Equilibrium states of the Charney-DeVore quasi-geostrophic equation in mid-latitude atmosphere. Journal of Mathematical Analysis and Applications, 2016, 444, 1403-1416.	1.0	11
6	Lower bound for transient growth of inclined buoyancy layer. Applied Mathematics and Mechanics (English Edition), 2017, 38, 779-796.	3.6	9
7	Artificial neural network approach for turbulence models: A local framework. Physical Review Fluids, 2021, 6, .	2.5	9
8	A conjecture on the least stable mode for the energy stability of plane parallel flows. Journal of Fluid Mechanics, 2019, 881, 794-814.	3.4	7
9	Threshold and decay properties of transient isolated turbulent band in plane Couette flow. Applied Mathematics and Mechanics (English Edition), 2019, 40, 1449-1456.	3.6	4
10	Electrocaloric Performance of Multilayer Ceramic Chips: Effect of Geometric Structure Induced Internal Stress. ACS Applied Materials & Interfaces, 2021, 13, 38508-38516.	8.0	2
11	Oscillating convection and reversal flow in connected cavities. Physical Review E, 2018, 98, .	2.1	1
12	Asymptotic analysis of radial vibration of thin piezoelectric disks. Journal of the American Ceramic Society, 2021, 104, 3411-3423.	3.8	1
13	A Global Optimization Method to Determine the Complex Material Constants of Piezoelectric Bars in the Length Thickness Extensional Mode. Actuators, 2021, 10, 169.	2.3	1
14	Instabilities of an annulus flow between rotating cylinders in a helical magnetic field. Physical Review E, 2017, 96, 053101.	2.1	0