

Anthony Lucey

List of Publications by Year in descending order

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48
papers

926
citations

471371

17
h-index

454834

30
g-index

50
all docs

50
docs citations

50
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Validation of an Instrument to Measure Students'™ Interactions and Satisfaction in Undergraduate Chemistry Laboratory Classes. <i>Research in Science Education</i> , 2021, 51, 1039-1053.	1.4	10
2	Student perceptions of instruction sheets in face-to-face and remotely-operated engineering laboratory learning. <i>European Journal of Engineering Education</i> , 2020, 45, 491-515.	1.5	9
3	Analysis of unsteady flow effects on the Betz limit for flapping foil power generation. <i>Journal of Fluid Mechanics</i> , 2020, 902, .	1.4	16
4	Perceptions of the relative importance of student interactions for the attainment of engineering laboratory-learning outcomes. <i>Australasian Journal of Engineering Education</i> , 2020, 25, 155-164.	0.2	5
5	Flutter of structurally inhomogeneous cantilevers in laminar channel flow. <i>Journal of Fluids and Structures</i> , 2019, 90, 177-189.	1.5	5
6	Understanding interactions in face-to-face and remote undergraduate science laboratories: a literature review. <i>Disciplinary and Interdisciplinary Science Education Research</i> , 2019, 1, .	1.6	26
7	Developing an understanding of undergraduate student interactions in chemistry laboratories. <i>Chemistry Education Research and Practice</i> , 2018, 19, 1186-1198.	1.4	13
8	Particle image velocimetry and infrared thermography of turbulent jet impingement on an oscillating surface. <i>Experimental Thermal and Fluid Science</i> , 2018, 98, 576-593.	1.5	4
9	The stability of a flexible cantilever in viscous channel flow. <i>Journal of Sound and Vibration</i> , 2017, 396, 186-202.	2.1	32
10	Asymptotic stability and transient growth in pulsatile Poiseuille flow through a compliant channel. <i>Journal of Fluid Mechanics</i> , 2017, 820, 370-399.	1.4	13
11	Large-eddy simulations of a turbulent jet impinging on a vibrating heated wall. <i>International Journal of Heat and Fluid Flow</i> , 2017, 65, 277-298.	1.1	4
12	Fluid-structure interactions in a cylindrical layered wave guide with application in the spinal column to syringomyelia. <i>Journal of Fluids and Structures</i> , 2017, 70, 464-499.	1.5	7
13	The interaction of Blasius boundary-layer flow with a compliant panel: global, local and transient analyses. <i>Journal of Fluid Mechanics</i> , 2017, 827, 155-193.	1.4	12
14	An alternative approach to student assessment for engineering laboratory learning. <i>Australasian Journal of Engineering Education</i> , 2017, 22, 81-94.	0.2	12
15	Support services for higher degree research students: a survey of three Australian universities. <i>European Journal of Engineering Education</i> , 2016, 41, 469-481.	1.5	3
16	Stability of a Cantilevered Flexible Plate with Non-uniform Thickness in Viscous Channel Flow. <i>Lecture Notes in Mechanical Engineering</i> , 2016, , 333-337.	0.3	0
17	Numerical simulation of pharyngeal airflow applied to obstructive sleep apnea: effect of the nasal cavity in anatomically accurate airway models. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 1129-1139.	1.6	31
18	Flutter of spring-mounted flexible plates in uniform flow. <i>Journal of Fluids and Structures</i> , 2015, 59, 370-393.	1.5	22

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19	Reynolds Averaged and Large Eddy Computations of Flow and Heat Transfer Under Round Jet Impingement. , 2014, , .		3
20	Stability of Blasius Boundary-Layer Flow Interacting With a Compliant Panel. , 2014, , .		0
21	Stability of a flexible insert in one wall of an inviscid channel flow. Journal of Fluids and Structures, 2014, 48, 435-450.	1.5	13
22	Syringomyelia and the Fluid-Structure Interactions of a Cerebrospinal Waveguide. , 2014, , .		1
23	Effect of the velopharynx on intraluminal pressures in reconstructed pharynges derived from individuals with and without sleep apnea. Journal of Biomechanics, 2013, 46, 2504-2512.	0.9	28
24	A Three Dimensional Imaging-Based Framework for Planning Maxillomandibular Advancement Surgery for the Treatment of Obstructive Sleep Apnoea. , 2013, , .		1
25	Stability of a Flexible Wall Separating Two Inviscid Channel Flows. , 2013, , .		1
26	Flow-Induced Deformations of a Compliant Insert in Channel Flow: From Small to Large Amplitudes. , 2012, , .		0
27	Energy Production Characteristics of a Spring-Mounted Cantilevered-Free Flexible Plate in a Uniform Flow. , 2012, , .		0
28	Large-Amplitude Oscillations of a Finite-Thickness Cantilevered Flexible Plate in Viscous Channel Flow. , 2010, , .		3
29	Measurement, Reconstruction, and Flow-Field Computation of the Human Pharynx With Application to Sleep Apnea. IEEE Transactions on Biomedical Engineering, 2010, 57, 2535-2548.	2.5	39
30	Hydroelastic Stability of a Flexible Panel: Eigen-Analysis and Time-Domain Response. , 2010, , .		2
31	On the direct determination of the eigenmodes of finite flow-structure systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 257-281.	1.0	22
32	Interaction between a cantilevered-free flexible plate and ideal flow. Journal of Fluids and Structures, 2009, 25, 544-566.	1.5	80
33	Instability of a Cantilevered Flexible Plate in Viscous Channel Flow Driven by Constant Pressure Drop. , 2006, , 785.		4
34	A New Method for Determining the Eigenmodes of Finite Flow-Structure Systems. , 2006, , 759.		1
35	Instability of a Cantilevered Flexible Plate in Inviscid Channel Flow. , 2006, , .		0
36	Optimal Swimming Modes of a Homo-Sapien Performing Butterfly-Stroke Kick. , 2006, , .		0

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37	Instability of a cantilevered flexible plate in viscous channel flow. <i>Journal of Fluids and Structures</i> , 2005, 20, 893-912.	1.5	120
38	Pressure Wave Propagation in Fluid-Filled Co-Axial Elastic Tubes Part 2: Mechanisms for the Pathogenesis of Syringomyelia. <i>Journal of Biomechanical Engineering</i> , 2003, 125, 857-863.	0.6	59
39	Pressure Wave Propagation in Fluid-Filled Co-Axial Elastic Tubes Part 1: Basic Theory. <i>Journal of Biomechanical Engineering</i> , 2003, 125, 852-856.	0.6	38
40	Wave Excitation on a Flexible Surface in the Presence of a Uniform Mean Flow. , 2002, , .		0
41	Progress on the Use of Compliant Walls for Laminar-Flow Control. <i>Journal of Aircraft</i> , 2001, 38, 504-512.	1.7	44
42	The excitation of waves on a flexible panel in a uniform flow. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1998, 356, 2999-3039.	1.6	36
43	THE NONLINEAR HYDROELASTIC BEHAVIOUR OF FLEXIBLE WALLS. <i>Journal of Fluids and Structures</i> , 1997, 11, 717-744.	1.5	37
44	Optimization of viscoelastic compliant walls for transition delay. <i>AIAA Journal</i> , 1994, 32, 256-267.	1.5	47
45	The Hydroelastic Stability of Three-Dimensional Disturbances of a Finite Compliant Wall. <i>Journal of Sound and Vibration</i> , 1993, 165, 527-552.	2.1	43
46	A STUDY OF THE HYDROELASTIC STABILITY OF A COMPLIANT PANEL USING NUMERICAL METHODS. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 1992, 2, 537-553.	1.6	4
47	A numerical simulation of the interaction of a compliant wall and inviscid flow. <i>Journal of Fluid Mechanics</i> , 1992, 234, 121.	1.4	71
48	The Effects of Remote Laboratory Implementation on Freshman Engineering Students' Experience. , 0, , .		3