

Sebastian Andreas Altmeyer

List of Publications by Year in descending order

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58
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal effects of nonuniform heating in a nanofluid-filled annulus: Buoyant transport versus entropy generation. <i>Heat Transfer</i> , 2022, 51, 1062-1091.	3.0	24
2	Ferrofluidic Couette flow in time-varying magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 552, 169205.	2.3	5
3	On the ridge of instability in ferrofluidic Couette flow via alternating magnetic field. <i>Scientific Reports</i> , 2021, 11, 4705.	3.3	5
4	Propagating vortices in ferrofluidic Couette flow under magnetic fields – Part II: Oblique orientated fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 527, 167788.	2.3	3
5	Propagating vortices in ferrofluidic Couette flow under magnetic fields – Part I: Axial and symmetry breaking transversal orientated fields. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 527, 167769.	2.3	2
6	Flow dynamics between two concentric counter-rotating porous cylinders with radial through-flow. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	1
7	Ferrofluids. <i>Scholarpedia Journal</i> , 2020, 15, 55163.	0.3	4
8	Agglomeration effects in rotating ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 239-250.	2.3	6
9	Effects of an imposed axial flow on a Ferrofluidic Taylor-Couette flow. <i>Scientific Reports</i> , 2019, 9, 15438.	3.3	3
10	Non-linear dynamics and alternating “flip” solutions in ferrofluidic Taylor-Couette flow. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 427-441.	2.3	5
11	Dynamics of ferrofluidic flow in the Taylor-Couette system with a small aspect ratio. <i>Scientific Reports</i> , 2017, 7, 40012.	3.3	6
12	Transient behavior between multi-cell flow states in ferrofluidic Taylor-Couette flow. <i>Chaos</i> , 2017, 27, 113112.	2.5	1
13	Ring-bursting behavior en route to turbulence in narrow-gap Taylor-Couette flows. <i>Physical Review E</i> , 2015, 92, 053018.	2.1	3
14	Magnetic field induced flow pattern reversal in a ferrofluidic Taylor-Couette system. <i>Scientific Reports</i> , 2015, 5, 18589.	3.3	11
15	Transition to turbulence in Taylor-Couette ferrofluidic flow. <i>Scientific Reports</i> , 2015, 5, 10781.	3.3	12
16	Early effect in time-dependent, high-dimensional nonlinear dynamical systems with multiple resonances. <i>Physical Review E</i> , 2015, 91, 022906.	2.1	1
17	On secondary instabilities generating footbridges between spiral vortex flow. <i>Fluid Dynamics Research</i> , 2014, 46, 025503.	1.3	6
18	Time-Dependent Ferrofluid Dynamics in Symmetry Breaking Transverse. <i>Open Journal of Fluid Dynamics</i> , 2013, 03, 116-126.	0.5	1