

Sebastian Andreas Altmeyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/461367/publications.pdf>

Version: 2024-02-01

18
papers

99
citations

1478505

6
h-index

1474206

9
g-index

18
all docs

18
docs citations

18
times ranked

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 | Transition to turbulence in Taylor-Couette ferrofluidic flow. <i>Scientific Reports</i> , 2015, 5, 10781. | 3.3 | 12 |
| 3 | Magnetic field induced flow pattern reversal in a ferrofluidic Taylor-Couette system. <i>Scientific Reports</i> , 2015, 5, 18589. | 3.3 | 11 |
| 4 | On secondary instabilities generating footbridges between spiral vortex flow. <i>Fluid Dynamics Research</i> , 2014, 46, 025503. | 1.3 | 6 |
| 5 | Dynamics of ferrofluidic flow in the Taylor-Couette system with a small aspect ratio. <i>Scientific Reports</i> , 2017, 7, 40012. | 3.3 | 6 |
| 6 | Agglomeration effects in rotating ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 239-250. | 2.3 | 6 |
| 7 | 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 |
| 8 | On the ridge of instability in ferrofluidic Couette flow via alternating magnetic field. <i>Scientific Reports</i> , 2021, 11, 4705. | 3.3 | 5 |
| 9 | Ferrofluidic Couette flow in time-varying magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 552, 169205. | 2.3 | 5 |
| 10 | Ferrofluids. <i>Scholarpedia Journal</i> , 2020, 15, 55163. | 0.3 | 4 |
| 11 | Ring-bursting behavior en route to turbulence in narrow-gap Taylor-Couette flows. <i>Physical Review E</i> , 2015, 92, 053018. | 2.1 | 3 |
| 12 | Effects of an imposed axial flow on a Ferrofluidic Taylor-Couette flow. <i>Scientific Reports</i> , 2019, 9, 15438. | 3.3 | 3 |
| 13 | 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 |
| 14 | 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 |
| 15 | Early effect in time-dependent, high-dimensional nonlinear dynamical systems with multiple resonances. <i>Physical Review E</i> , 2015, 91, 022906. | 2.1 | 1 |
| 16 | Transient behavior between multi-cell flow states in ferrofluidic Taylor-Couette flow. <i>Chaos</i> , 2017, 27, 113112. | 2.5 | 1 |
| 17 | Time-Dependent Ferrofluid Dynamics in Symmetry Breaking Transverse. <i>Open Journal of Fluid Dynamics</i> , 2013, 03, 116-126. | 0.5 | 1 |
| 18 | Flow dynamics between two concentric counter-rotating porous cylinders with radial through-flow. <i>Physical Review Fluids</i> , 2021, 6, . | 2.5 | 1 |