Cem Yolcu

List of Publications by Year in descending order

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933447 996975 16 246 10 15 citations h-index g-index papers 16 16 16 242 citing authors all docs docs citations times ranked

#	Article	IF	CITATIONS
1	Multidimensional Diffusion MRI Methods With Confined Subdomains. Frontiers in Physics, 2022, 10, .	2.1	3
2	Magnetic Resonance Assessment of Effective Confinement Anisotropy with Orientationally-Averaged Single and Double Diffusion Encoding. Mathematics and Visualization, 2021, , 203-223.	0.6	4
3	Orientationally-averaged diffusion-attenuated magnetic resonance signal for locally-anisotropic diffusion. Scientific Reports, 2019, 9, 4899.	3.3	14
4	Influence of the Size and Curvedness of Neural Projections on the Orientationally Averaged Diffusion MR Signal. Frontiers in Physics, 2018, 6, .	2.1	22
5	A General Fluctuation–Response Relation for Noise Variations and its Application to Driven Hydrodynamic Experiments. Journal of Statistical Physics, 2017, 167, 29-45.	1.2	13
6	Effective Potential for Magnetic Resonance Measurements of Restricted Diffusion. Frontiers in Physics, 2017, 5, .	2.1	12
7	Linear response of hydrodynamically-coupled particles under a nonequilibrium reservoir. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 033209.	2.3	4
8	Thermal response of nonequilibrium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mi>C</mml:mi><td>> <!--<b-->½nıml:m</td><td>rov&> </td></mml:mrow></mml:math>	> <b ½nıml:m	rov&>
9	NMR signal for particles diffusing under potentials: From path integrals and numerical methods to a model of diffusion anisotropy. Physical Review E, 2016, 93, 052602.	2.1	21
10	Diffusion-Weighted Magnetic Resonance Signal for General Gradient Waveforms: Multiple Correlation Function Framework, Path Integrals, and Parallels Between Them. Mathematics and Visualization, 2015, , 3-19.	0.6	1
11	The Effective Field Theory approach towards membrane-mediated interactions between particles. Advances in Colloid and Interface Science, 2014, 208, 89-109.	14.7	43
12	Effective field theory approach to fluctuation-induced forces between colloids at an interface. Physical Review E, 2012, 85, 011140.	2.1	22
13	Membrane-mediated interactions between rigid inclusions: An effective field theory. Physical Review E, 2012, 86, 031906.	2.1	40
14	Fabrication of metallic nanoparticles by spinodal dewetting of thin films: A high-throughput approach. Thin Solid Films, 2012, 522, 473-479.	1.8	10
15	Effective field theory approach to Casimir interactions on soft matter surfaces. Europhysics Letters, 2011, 96, 20003.	2.0	29
16	Frenkel-Kontorova models, pinned particle configurations, and Burgers shocks. Physical Review B, 2010, 81, .	3.2	0