

Shimon Rubin

List of Publications by Year in descending order

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14
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14
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceleration of Surface-Based Hybridization Reactions Using Isotachophoretic Focusing. Analytical Chemistry, 2014, 86, 3028-3036.	3.2	78
2	Nonlinear, tunable, and active optical metasurface with liquid film. Advanced Photonics, 2019, 1, 1.	6.2	22
3	Elastic deformations driven by non-uniform lubrication flows. Journal of Fluid Mechanics, 2017, 812, 841-865.	1.4	17
4	Machine learning for composition analysis of ssDNA using chemical enhancement in SERS. Biomedical Optics Express, 2020, 11, 5092.	1.5	16
5	Zero cosmological constant from normalized general relativity. Classical and Quantum Gravity, 2009, 26, 235019.	1.5	12
6	Subnanometer imaging and controlled dynamical patterning of thermocapillary driven deformation of thin liquid films. Light: Science and Applications, 2019, 8, 77.	7.7	11
7	Normalized general relativity: Nonclosed universe and a zero cosmological constant. Physical Review D, 2014, 89, .	1.6	8
8	Nonlocal and Nonlinear Surface Plasmon Polaritons and Optical Spatial Solitons Induced by the Thermocapillary Effect. Physical Review Letters, 2018, 120, 243904.	2.9	8
9	Seismic ringing effect in the shallow subsurface. Near Surface Geophysics, 2014, 12, 687-696.	0.6	6
10	Brane gravitational extension of Dirac's $\tilde{\epsilon}$ -extensible model of the electron TM . Classical and Quantum Gravity, 2009, 26, 235006.	1.5	4
11	Tunable Bidirectional Electroosmotic Flow for Diffusion-Based Separations. Angewandte Chemie, 2020, 132, 12994-12999.	1.6	3
12	The effect of DNA bases permutation on surface-enhanced Raman scattering spectrum. Nanophotonics, 2021, 10, 1581-1593.	2.9	3
13	Extensible gravitational Dirac models of the electron. Classical and Quantum Gravity, 2011, 28, 125005.	1.5	2
14	SERS-based ssDNA composition analysis with inhomogeneous peak broadening and reservoir computing. Applied Physics Letters, 2022, 120, 023701.	1.5	2