

Murat Cetinkaya

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

554
citations

933447

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1199594

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g-index

12
all docs

12
docs citations

12
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Response of Silk Crystalline Units from Force-Distribution Analysis. Biophysical Journal, 2009, 96, 3997-4005.	0.5	105
2	Ultrasensitive detection of a protein by optical trapping in a photonicâ€plasmonic microcavity. Journal of Biophotonics, 2012, 5, 629-638.	2.3	69
3	Surfaceâ€Enhanced Raman Detection on Metalized Nanostructured Poly(p-xylylene) Films. Advanced Materials, 2008, 20, 3562-3565.	21.0	68
4	How Sequence Determines Elasticity of Disordered Proteins. Biophysical Journal, 2010, 99, 3863-3869.	0.5	67
5	Silk Fiber Mechanics from Multiscale Force Distribution Analysis. Biophysical Journal, 2011, 100, 1298-1305.	0.5	63
6	Recent Advances in Nanoscale Bioinspired Materials. Macromolecular Bioscience, 2015, 15, 300-311.	4.1	43
7	Segmented molecular design of self-healing proteinaceous materials. Scientific Reports, 2015, 5, 13482.	3.3	40
8	Powerâ€Law scaling of structured poly(p-xylylene) films deposited by oblique angle. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 640-648.	2.1	32
9	Spatially Organized Free-Standing Poly(p-xylylene) Nanowires Fabricated by Vapor Deposition. Langmuir, 2007, 23, 5861-5863.	3.5	31
10	Effects of crystalline subunit size on silk fiber mechanics. Soft Matter, 2011, 7, 8142.	2.7	22
11	Bridging Experiments and Simulations in Oblique Angle Polymerization. Chemical Vapor Deposition, 2009, 15, 101-105.	1.3	7
12	Bottom-up computational modeling of semi-crystalline fibers: from atomistic to continuum scale. Physical Chemistry Chemical Physics, 2011, 13, 10426.	2.8	7