

Murat Cetinkaya

List of Publications by Year in descending order

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12
papers

554
citations

933447

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1199594

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all docs

12
docs citations

12
times ranked

864
citing authors

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