

Hseyin Kaya

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,052
citations

14
h-index

32
g-index

35
ext. papers

1,077
ext. citations

3.3
avg, IF

4.21
L-index

#	Paper	IF	Citations
29	Solvation effects and driving forces for protein thermodynamic and kinetic cooperativity: how adequate is native-centric topological modeling?. <i>Journal of Molecular Biology</i> , 2003 , 326, 911-31	6.5	161
28	Cooperativity principles in protein folding. <i>Methods in Enzymology</i> , 2004 , 380, 350-79	1.7	157
27	Polymer principles of protein calorimetric two-state cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000 , 40, 637-61	4.2	147
26	Energetic components of cooperative protein folding. <i>Physical Review Letters</i> , 2000 , 85, 4823-6	7.4	89
25	Towards a consistent modeling of protein thermodynamic and kinetic cooperativity: how applicable is the transition state picture to folding and unfolding?. <i>Journal of Molecular Biology</i> , 2002 , 315, 899-909	6.5	85
24	Contact order dependent protein folding rates: kinetic consequences of a cooperative interplay between favorable nonlocal interactions and local conformational preferences. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 524-33	4.2	68
23	Simple two-state protein folding kinetics requires near-levinthal thermodynamic cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 510-23	4.2	61
22	Origins of chevron rollovers in non-two-state protein folding kinetics. <i>Physical Review Letters</i> , 2003 , 90, 258104	7.4	52
21	Nonlinear Wave Dynamics in Two-Temperature Electron-Positron-Ion Plasma. <i>Astrophysics and Space Science</i> , 1997 , 250, 109-115	1.6	47
20	Chevron behavior and isostable enthalpic barriers in protein folding: successes and limitations of simple G-like modeling. <i>Biophysical Journal</i> , 2005 , 89, 520-35	2.9	30
19	Sparsely populated folding intermediates of the Fyn SH3 domain: matching native-centric essential dynamics and experiment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14748-53	11.5	28
18	Multiplicity of ordered phases in frustrated systems obtained from hard-spin mean-field theory. <i>Physical Review E</i> , 2000 , 62, R1469-72	2.4	24
17	Explicit-chain model of native-state hydrogen exchange: implications for event ordering and cooperativity in protein folding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005 , 58, 31-44	4.2	22
16	Energetics of protein thermodynamic cooperativity: contributions of local and nonlocal interactions. <i>Polymer</i> , 2004 , 45, 623-632	3.9	20
15	Spatial ranges of driving forces are a key determinant of protein folding cooperativity and rate diversity. <i>Physical Review E</i> , 2013 , 88, 044701	2.4	14
14	Protein subcellular localization in human and hamster cell lines: employing local ternary patterns of fluorescence microscopy images. <i>Journal of Theoretical Biology</i> , 2014 , 340, 85-95	2.3	12
13	SCALING BEHAVIOUR OF A MULTIPLY CONNECTED FLUCTUATING INTERFACE IN TWO DIMENSIONS. <i>Fractals</i> , 2003 , 11, 227-232	3.2	5

12	Delocalization transition of a rough adsorption-reaction interface. <i>Physical Review E</i> , 2000 , 61, 1102-5	2.4	3
11	Reactant clustering in heterogeneous catalysis with surface diffusion. <i>Surface Science</i> , 1994 , 320, 185-190	3	
10	Posteromedial Open-Wedge High Tibial Osteotomy to Avoid Posterior Tibial Slope Increase. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020 , 36, 2710-2717	5.4	2
9	Comparison of the Effects of Extracorporeal Irradiation and Liquid Nitrogen on Nerve Recovery in a Rat Model. <i>Journal of Investigative Surgery</i> , 2021 , 34, 773-783	1.2	2
8	Stress radiography findings in medial meniscus posterior root tears. <i>Knee</i> , 2020 , 27, 1542-1550	2.6	2
7	Polymer principles of protein calorimetric two-state cooperativity 2000 , 40, 637		2
6	Polymer principles of protein calorimetric two-state cooperativity 2000 , 40, 637		2
5	Novel position-space renormalization group for bond directed percolation in two dimensions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 265, 53-61	3.3	1
4	Is Sesamol Effective in Corneal Neovascularization?. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 2, S414-S419	3.2	1
3	Dexpanthenol reduces fibrosis and aids repair following nerve laceration and neuroorrhaphy. <i>Experimental and Therapeutic Medicine</i> , 2021 , 21, 207	2.1	0
2	Reduced Rate of Hospital Admission for Exacerbation of COPD and Asthma During COVID-19 Pandemic.. <i>Turkish Thoracic Journal</i> , 2021 , 22, 510-511	0.8	
1	The relationship of ocular parameters with clinical parameters and disease-related quality of life in patients with systemic sclerosis: A cross-sectional study. <i>International Journal of Rheumatic Diseases</i> , 2021 , 24, 1308-1316	2.3	