

HÃœseyin Kaya

List of Publications by Year in descending order

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33
papers

1,116
citations

623734

14
h-index

477307

29
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all docs

35
docs citations

35
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 911-931.	4.2	167
2	Cooperativity Principles in Protein Folding. <i>Methods in Enzymology</i> , 2004, 380, 350-379.	1.0	160
3	Polymer principles of protein calorimetric two-state cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 40, 637-661.	2.6	151
4	Energetic Components of Cooperative Protein Folding. <i>Physical Review Letters</i> , 2000, 85, 4823-4826.	7.8	91
5	Towards a consistent modeling of protein thermodynamic and kinetic cooperativity: how applicable is the transition state picture to folding and unfolding? 1 Edited by C. R. Matthews. <i>Journal of Molecular Biology</i> , 2002, 315, 899-909.	4.2	87
6	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, 524-533.	2.6	71
7	Simple two-state protein folding kinetics requires near-levinthal thermodynamic cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 52, 510-523.	2.6	63
8	Nonlinear Wave Dynamics in Two-Temperature Electron-Positron-Ion Plasma. <i>Astrophysics and Space Science</i> , 1997, 250, 109-115.	1.4	59
9	Origins of Chevron Rollovers in Non-Two-State Protein Folding Kinetics. <i>Physical Review Letters</i> , 2003, 90, 258104.	7.8	54
10	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, 14748-14753.	7.1	31
11	Chevron Behavior and Isostable Enthalpic Barriers in Protein Folding: Successes and Limitations of Simple CÄ-like Modeling. <i>Biophysical Journal</i> , 2005, 89, 520-535.	0.5	31
12	Multiplicity of ordered phases in frustrated systems obtained from hard-spin mean-field theory. <i>Physical Review E</i> , 2000, 62, R1469-R1472.	2.1	24
13	Explicit-chain model of native-state hydrogen exchange: Implications for event ordering and cooperativity in protein folding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 31-44.	2.6	23
14	Energetics of protein thermodynamic cooperativity: contributions of local and nonlocal interactions. <i>Polymer</i> , 2004, 45, 623-632.	3.8	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.	2.1	14
16	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.	1.7	14
17	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.	2.7	11
18	SCALING BEHAVIOUR OF A MULTIPLY CONNECTED FLUCTUATING INTERFACE IN TWO DIMENSIONS. <i>Fractals</i> , 2003, 11, 227-232.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Stress radiography findings in medial meniscus posterior root tears. <i>Knee</i> , 2020, 27, 1542-1550.	1.6	4
20	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.	1.9	4
21	Reactant clustering in heterogeneous catalysis with surface diffusion. <i>Surface Science</i> , 1994, 320, 185-190.	1.9	3
22	Delocalization transition of a rough adsorption-reaction interface. <i>Physical Review E</i> , 2000, 61, 1102-1105.	2.1	3
23	Is Sesamol Effective in Corneal Neovascularization?. <i>Eye and Contact Lens</i> , 2018, 44, S414-S419.	1.6	3
24	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.	1.3	3
25	Dexpanthenol reduces fibrosis and aids repair following nerve laceration and neurorrhaphy. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 207.	1.8	2
26	Polymer principles of protein calorimetric two-state cooperativity. , 2000, 40, 637.		2
27	Polymer principles of protein calorimetric two-state cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 40, 637-661.	2.6	2
28	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.	2.6	1
29	Reduced Rate of Hospital Admission for Exacerbation of COPD and Asthma During COVID-19 Pandemic. , 2021, 22, 510-511.		1
30	Negative and Positive Design in Protein Folding and Thermodynamic Stability: Insights from Computational Mutagenesis and Simulations. <i>Biophysical Journal</i> , 2010, 98, 637a.	0.5	0
31	Energetics of Protein Folding Kinetics. <i>Biophysical Journal</i> , 2012, 102, 58a.	0.5	0
32	SCALING BEHAVIOUR OF A MULTIPLY CONNECTED FLUCTUATING INTERFACE IN TWO DIMENSIONS. , 2002, , .		0
33	The relationship of preoperative hematologic parameters to invasion of anatomic structures and recurrence in tenosynovial giant-cell tumor of the digits. <i>Hand Surgery and Rehabilitation</i> , 2022, , .	0.4	0