

Mehmet Levent Kurnaz

List of Publications by Year in descending order

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42
papers

1,169
citations

471509

17
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

1432
citing authors

#	ARTICLE	IF	CITATIONS
1	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. <i>Journal of Climate</i> , 2020, 33, 3635-3661.	3.2	230
2	Projections of climate change in the Mediterranean Basin by using downscaled global climate model outputs. <i>International Journal of Climatology</i> , 2015, 35, 4276-4292.	3.5	123
3	Simulation of temperature and precipitation climatology for the Central Asia CORDEX domain using RegCM 4.0. <i>Climate Research</i> , 2012, 52, 63-76.	1.1	76
4	Projected changes in temperature and precipitation climatology of Central Asia CORDEX Region 8 by using RegCM4.3.5. <i>Atmospheric Research</i> , 2017, 183, 296-307.	4.1	72
5	Future projections of temperature and precipitation climatology for CORDEX-MENA domain using RegCM4.4. <i>Atmospheric Research</i> , 2018, 206, 87-107.	4.1	68
6	Business-as-usual will lead to super and ultra-extreme heatwaves in the Middle East and North Africa. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	61
7	Aggregation in polystyrene-sphere suspensions in near-critical binary liquid mixtures. <i>Physical Review A</i> , 1992, 46, 7750-7755.	2.5	57
8	Channel flow in a Langmuir monolayer: Unusual velocity profiles in a liquid-crystalline mesophase. <i>Physical Review E</i> , 1997, 56, 3378-3384.	2.1	53
9	APPLICATION OF DETRENDED FLUCTUATION ANALYSIS TO MONTHLY AVERAGE OF THE MAXIMUM DAILY TEMPERATURES TO RESOLVE DIFFERENT CLIMATES. <i>Fractals</i> , 2004, 12, 365-373.	3.7	47
10	Impacts of Climate Change on Precipitation Climatology and Variability in Turkey. <i>World Water Resources</i> , 2020, , 467-491.	0.4	39
11	Future Holiday Climate Index (HCI) Performance of Urban and Beach Destinations in the Mediterranean. <i>Atmosphere</i> , 2020, 11, 911.	2.3	33
12	Global exposure of population and land use to meteorological droughts under different warming levels and <sc>SSPs</sc>: A <sc>CORDEX</sc>-based study. <i>International Journal of Climatology</i> , 2021, 41, 6825-6853.	3.5	26
13	Mid-Term Impact of Climate Change on Hazelnut Yield. <i>Agriculture (Switzerland)</i> , 2020, 10, 159.	3.1	22
14	Impact of Climate Change on Natural Snow Reliability, Snowmaking Capacities, and Wind Conditions of Ski Resorts in Northeast Turkey: A Dynamical Downscaling Approach. <i>Atmosphere</i> , 2016, 7, 52.	2.3	21
15	Interaction of dilute colloidal particles in a mixed solvent. <i>Physical Review E</i> , 1995, 51, 5916-5921.	2.1	20
16	Temperature and Flow Rate Dependence of the Velocity Profile during Channel Flow of a Langmuir Monolayer. <i>Langmuir</i> , 1999, 15, 4622-4624.	3.5	20
17	Measurement of the second virial coefficient for the interaction of dilute colloidal particles in a mixed solvent. <i>Physical Review E</i> , 1997, 55, 572-576.	2.1	18
18	A Computer-Based Model for the Regulation of Mitogen Activated Protein Kinase (MAPK) Activation. <i>Journal of Receptor and Signal Transduction Research</i> , 2003, 23, 197-209.	2.5	17

#	ARTICLE	IF	CITATIONS
19	Thermal Melting in Langmuir Films of Discotic Liquid-Crystalline Compounds. <i>Langmuir</i> , 1998, 14, 2910-2915.	3.5	16
20	A Conformational Phase Transition in a Langmuir Film of an Amphiphilic Azacrown. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6688-6691.	2.6	16
21	The Ski Climate Index (SCI): fuzzification and a regional climate modeling application for Turkey. <i>International Journal of Biometeorology</i> , 2021, 65, 763-777.	3.0	15
22	Detrended fluctuation analysis as a statistical tool to monitor the climate. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2004, 2004, P07009.	2.3	13
23	Sedimentation to form rough, quasi-one-dimensional interfaces. <i>Physical Review E</i> , 1996, 53, 978-985.	2.1	12
24	Cytoplasmic-to-nuclear volume ratio affects AP-1 complex formation as an indicator of cell cycle responsiveness. <i>FEBS Letters</i> , 2005, 579, 433-440.	2.8	12
25	Certain Non-Standard Coding Tables Appear to be More Robust to Error Than the Standard Genetic Code. <i>Journal of Molecular Evolution</i> , 2010, 70, 13-28.	1.8	12
26	Commercialization of medicinal bioeconomy resources and sustainability. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100484.	3.3	12
27	Skeletonization as a Probe of Interlayer Correlations in Langmuir-Blodgett Films. <i>Langmuir</i> , 1996, 12, 4971-4975.	3.5	11
28	Projected Changes in Extreme Temperature and Precipitation Indices Over CORDEX-MENA Domain. <i>Atmosphere</i> , 2021, 12, 622.	2.3	11
29	SEDIMENTATION OF GLASS BEADS UNDER THE INFLUENCE OF GRAVITY. <i>Fractals</i> , 1993, 01, 1008-1021.	3.7	7
30	Deposition-rate effects on rough surfaces formed by sedimenting particles. <i>Physical Review E</i> , 1997, 56, 5768-5771.	2.1	7
31	A technique for direct observation of particle motion under shear in a Langmuir monolayer. <i>Journal of Rheology</i> , 1997, 41, 1173-1181.	2.6	5
32	Title is missing!. <i>Scientometrics</i> , 2002, 55, 437-444.	3.0	4
33	Monte Carlo simulation and statistical analysis of genetic information coding. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 357, 525-533.	2.6	4
34	A new methodology for climate model selection and application to temperature of Europe. <i>Theoretical and Applied Climatology</i> , 2021, 145, 95-107.	2.8	2
35	The Effect of Environmental Degradation Due to Climate Change on Migration Decision: A General Overview. <i>Ege Coğrafya Dergisi</i> , 2021, 30, 383-403.	0.8	2
36	THE EFFECT OF THE THIRD DIMENSION ON ROUGH SURFACES FORMED BY SEDIMENTING PARTICLES IN QUASI-TWO-DIMENSIONS. <i>International Journal of Modern Physics B</i> , 2002, 16, 1217-1223.	2.0	1

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37	Experimental and computational study of the effect of the system size on rough surfaces formed by sedimenting particles in quasi-two-dimensions. Granular Matter, 2006, 8, 81-86.	2.2	1
38	A Statistical Analysis of the Robustness of Alternate Genetic Coding Tables. International Journal of Molecular Sciences, 2008, 9, 679-697.	4.1	1
39	Cylindrical sand pile formation in spinning vertical container partially filled with water. Granular Matter, 2016, 18, 1.	2.2	1
40	Assessment of Climate Change Impacts in terms of Global Performance Indicators. Resilience, 2022, 6, 171-196.	0.5	1
41	Interaction Of Dilute Colloidal Particles In A Mixed Solvent. Materials Research Society Symposia Proceedings, 1995, 407, 71.	0.1	0
42	POTENTIAL RISKS OF OUTDOOR SPORTS IN A CHANGING CLIMATE. Ankara Ācēniversitesi Beden EĀĀitimi Ve Spor YĀĀksekokulu SPORMETRE Beden EĀĀitimi Ve Spor Bilimleri Dergisi, 0, , 145-163.	0.3	0