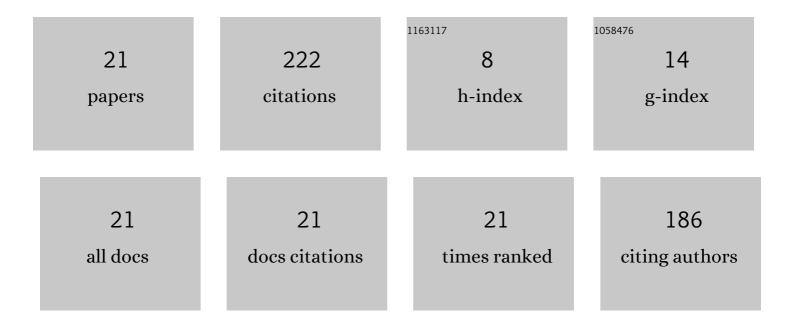
Burak Alakent

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Employing Adaptive Just-In-Time-Learning in a Transfer Learning Frame for Soft-Sensor Design. Computer Aided Chemical Engineering, 2021, 50, 913-918.	0.5	0
2	Effect of Silane A-174 Modifications in the Structure, Chemistry, and Compressive Strength of PLA-HAP and PLA-β-TCP Biocomposites: Toward the Design of Polymer–Ceramic Implants with High Performance. ACS Applied Polymer Materials, 2021, 3, 2432-2446.	4.4	9
3	Soft-sensor design via task transferred just-in-time-learning coupled transductive moving window learner. Journal of Process Control, 2021, 101, 52-67.	3.3	22
4	Integrating adaptive moving window and just-in-time learning paradigms for soft-sensor design. Neurocomputing, 2020, 392, 23-37.	5.9	33
5	Soft sensor design using transductive moving window learner. Computers and Chemical Engineering, 2020, 140, 106941.	3.8	15
6	An experimental and modeling study aiming to enhance the performance of OSR of a methane fuel processor via Box-Behnken design. Fuel Processing Technology, 2020, 205, 106451.	7.2	1
7	Comparative Study on Factors Governing Binding Mechanisms in Polylactic Acid–Hydroxyapatite and Polyethylene–Hydroxyapatite Systems via Molecular Dynamics Simulations. Langmuir, 2020, 36, 1125-1137.	3.5	8
8	Online tuning of predictor weights for relevant data selection in just-in-time-learning. Chemometrics and Intelligent Laboratory Systems, 2020, 203, 104043.	3.5	14
9	Implementation of Statistical Learning Methods to Develop Guidelines for the Design of PLA-Based Composites with High Tensile Strength Values. Industrial & Engineering Chemistry Research, 2019, 58, 3478-3489.	3.7	5
10	Revisiting reweighted robust standard deviation estimators for univariate Shewhart Sâ€charts. Quality and Reliability Engineering International, 2019, 35, 995-1009.	2.3	8
11	Soft-Sensor Design for a Crude Distillation Unit Using Statistical Learning Methods. Computer Aided Chemical Engineering, 2018, 44, 2269-2274.	0.5	4
12	Exploratory and predictive logistic modeling of a ring spinning process using historical data. Textile Reseach Journal, 2017, 87, 1643-1654.	2.2	4
13	Effects of protonation state of Asp181 and position of active site water molecules on the conformation of PTP1B. Proteins: Structure, Function and Bioinformatics, 2013, 81, 788-804.	2.6	7
14	Frequency Response of a Protein to Local Conformational Perturbations. PLoS Computational Biology, 2013, 9, e1003238.	3.2	6
15	Functional Dynamics of Proteins Elucidated by Statistical Analysis of Simulation Data. Current Physical Chemistry, 2012, 2, 443-451.	0.2	1
16	Alpha7 Helix Plays an Important Role in the Conformational Stability of PTP1B. Journal of Biomolecular Structure and Dynamics, 2011, 28, 675-693.	3.5	28
17	Effect of ligand binding on the intraminimum dynamics of proteins. Journal of Computational Chemistry, 2011, 32, 483-496.	3.3	10
18	Hierarchical structure of the energy landscape of proteins revisited by time series analysis. I. Mimicking protein dynamics in different time scales. Journal of Chemical Physics, 2005, 123, 144910.	3.0	7

#	Article	IF	CITATIONS
19	Hierarchical structure of the energy landscape of proteins revisited by time series analysis. II. Investigation of explicit solvent effects. Journal of Chemical Physics, 2005, 123, 144911.	3.0	8
20	Application of time series analysis on molecular dynamics simulations of proteins: A study of different conformational spaces by principal component analysis. Journal of Chemical Physics, 2004, 121, 4759-4769.	3.0	22
21	Time series analysis of collective motions in proteins. Journal of Chemical Physics, 2004, 120, 1072-1088.	3.0	10