

Ernesto Contreras-Torres

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

156
citations

1478505

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1720034

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g-index

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all docs

7
docs citations

7
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	LEGO-based generalized set of two linear algebraic 3D bio-macro-molecular descriptors: Theory and validation by QSARs. <i>Journal of Theoretical Biology</i> , 2020, 485, 110039.	1.7	7
2	<i>MuLiMs-MCoMPAs</i> : A Novel Multiplatform Framework to Compute Tensor Algebra-Based Three-Dimensional Protein Descriptors. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1042-1059.	5.4	7
3	Tensor Algebra-based Geometrical (3D) Biomacro-Molecular Descriptors for Protein Research: Theory, Applications and Comparison with other Methods. <i>Scientific Reports</i> , 2019, 9, 11391.	3.3	7
4	Predicting structural classes of proteins by incorporating their global and local physicochemical and conformational properties into general Chou's PseAAC. <i>Journal of Theoretical Biology</i> , 2018, 454, 139-145.	1.7	56
5	Examining the predictive accuracy of the novel 3D N-linear algebraic molecular codifications on benchmark datasets. <i>Journal of Cheminformatics</i> , 2016, 8, 10.	6.1	17
6	Novel 3D bio-macromolecular bilinear descriptors for protein science: Predicting protein structural classes. <i>Journal of Theoretical Biology</i> , 2015, 374, 125-137.	1.7	20
7	QuBiLSâ€MIDAS: A parallel freeâ€software for molecular descriptors computation based on multilinear algebraic maps. <i>Journal of Computational Chemistry</i> , 2014, 35, 1395-1409.	3.3	42