

Antonio Galtieri

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

329
citations

1039880

9
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol: A Focus on Several Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-14.	1.9	128
2	Neuroprotective effects of phloretin and its glycosylated derivative on rotenone-induced toxicity in human neuronal-like cells. <i>BioFactors</i> , 2017, 43, 549-557.	2.6	52
3	Involvement of acetylcholinesterase and protein kinase C in the protective effect of caffeine against β -amyloid-induced alterations in red blood cells. <i>Biochimie</i> , 2016, 121, 52-59.	1.3	32
4	Protective Effects of the Caffeine Against Neurodegenerative Diseases. <i>Current Medicinal Chemistry</i> , 2019, 26, 5137-5151.	1.2	19
5	On evaluation of electric conductivity by mean of non equilibrium thermodynamic approach with internal variables. An application to human erythrocyte suspension for metabolic characterizations. <i>Journal of Molecular Liquids</i> , 2016, 224, 1181-1188.	2.3	14
6	Expanding the Repertoire of Dielectric Fractional Models: A Comprehensive Development and Functional Applications to Predict Metabolic Alterations in Experimentally-Inaccessible Cells or Tissues. <i>Fluids</i> , 2018, 3, 9.	0.8	13
7	Is a dangerous blood clot formation a reversible process? Introduction of new characteristic parameter for thermodynamic clot blood characterization: Possible molecular mechanisms and pathophysiologic applications. <i>Journal of Molecular Liquids</i> , 2018, 262, 345-353.	2.3	11
8	A New Model for Thermodynamic Characterization of Hemoglobin. <i>Fluids</i> , 2019, 4, 135.	0.8	10
9	Molecular characterization of a peculiar blood clot fluidification by theoretical thermodynamic models and entropy production study. <i>Journal of Molecular Liquids</i> , 2018, 265, 457-462.	2.3	9
10	Phenomenological approach on electromagnetic waves propagation in normal and diabetic blood, influence of the relative macromolecular structures. <i>Journal of Molecular Liquids</i> , 2019, 274, 577-583.	2.3	9
11	A new model with internal variables for theoretical thermodynamic characterization of hemoglobin: Entropy determination and comparative study. <i>Journal of Molecular Liquids</i> , 2019, 279, 632-639.	2.3	8
12	How does resveratrol influence the genesis of some neurodegenerative diseases?. <i>Neural Regeneration Research</i> , 2016, 11, 86.	1.6	7
13	Electromagnetic waves propagation in normal and pathological hemoglobins: Thermodynamic comparative study of the influence of the relative macromolecular variability. <i>Journal of Molecular Liquids</i> , 2019, 291, 111319.	2.3	6
14	Reviewing Biochemical Implications of Normal and Mutated Huntingtin in Huntington's Disease. <i>Current Medicinal Chemistry</i> , 2020, 27, 5137-5158.	1.2	5
15	A thermodynamic characterization of the phenomena evolving in cancer pathology by dielectric relaxation in blood: A new approach by construction of TTM (Thermodynamic Tumor Matrix). <i>Journal of Molecular Liquids</i> , 2020, 316, 113839.	2.3	4
16	Thermodynamics Characterization of Lung Carcinoma, Entropic Study and Metabolic Correlations. <i>Fluids</i> , 2020, 5, 164.	0.8	2
17	Thermodynamic characterization of RBCs highlights correlations between different hemoglobin types and Band 3 interactions. <i>Journal of Molecular Liquids</i> , 2019, 296, 112070.	2.3	0
18	Anion exchanger functionality and thermodynamic characterization of chicken erythrocytes. <i>Journal of Molecular Liquids</i> , 2020, 307, 112966.	2.3	0

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19	Thermodynamic Characterization of Red Blood Cell Suspension and Band 3 Protein Oxy-Deoxygenating Functionality: Comparative Study. <i>Journal of Non-Equilibrium Thermodynamics</i> , 2021, 46, 121-137.	2.4	0