Tiago Dias Martins

List of Publications by Year
in descending order

19 papers	**243** citations	1163117 **8** h-index	996975 **15** g-index
19 all docs	**19** docs citations	**19** times ranked	**292** citing authors

#	Article	IF	Citations
1	Equilibrium study of the binary mixture of cadmium–zinc ions biosorption by the Sargassum filipendula species using adsorption isotherms models and neural network. Biochemical Engineering Journal, 2007, 34, 136-146.	3.6	95
2	Reactive Blue 5G Adsorption onto Activated Carbon: Kinetics and Equilibrium. Journal of Chemical & Engineering Data, 2013, 58, 106-114.	1.9	27
3	Principal Component Analysis on Recurrent Venous Thromboembolism. Clinical and Applied Thrombosis/Hemostasis, 2019, 25, 107602961989532.	1.7	23
4	Biosorption study of Ni^{2+} and Cr^{3+} by Sargassum filipendula: kinetics and equilibrium. Brazilian Journal of Chemical Engineering, 2014, 31, 211-227.	1.3	12
5	Surface modification of polyelectrolyte multilayers by high radio frequency air plasma treatment. Applied Surface Science, 2015, 329, 287-291.	6.1	11
6	Estimation of vaporization properties of pure substances using artificial neural networks. Chemical Engineering Science, 2021, 231, 116324.	3.8	11
7	Artificial neural network for prediction of SO_2 removal and volumetric mass transfer coefficient in spray tower. Chemical Engineering Research and Design, 2021, 170, 1-12.	5.6	11
8	A neural network correlation for molar density and specific heat of water: Predictions at pressures up to 100 MPa. Fluid Phase Equilibria, 2020, 506, 112411.	2.5	9
9	Individual and competitive adsorption of ibuprofen and caffeine from primary sewage effluent by yeast-based activated carbon and magnetic carbon nanocomposite. Sustainable Chemistry and Pharmacy, 2022, 28, 100703.	3.3	9
10	Modelagem do sistema de resfriamento por imersão de carcaças de frangos utilizando redes neurais artificiais. Acta Scientiarum - Technology, 2009, 31, .	0.4	8
11	Artificial Neural Network for Prediction of Venous Thrombosis Recurrence. Blood, 2016, 128, 3771-3771.	1.4	7
12	Textile effluent treatment employing yeast biomass and a new nanomagnetic biocomposite. Environmental Science and Pollution Research, 2021, 28, 27318-27332.	5.3	6
13	Modelagem do efeito do pH na biossorção de metais pela alga marinha Sargassum filipendula. Acta Scientiarum - Technology, 2011, 33, .	0.4	3
14	Human Immunoglobulin G Adsorption in Epoxy Chitosan/Alginate Adsorbents: Evaluation of Isotherms by Artificial Neural Networks. Chemical Product and Process Modeling, 2019, 14, .	0.9	3
15	Modeling Carbon Release of Brazilian Highest Economic Pole and Major Urban Emitter: Comparing Classical Methods and Artificial Neural Networks. Climate, 2022, 10, 9.	2.8	3
16	Spouted bed drying of milk–blackberry mixture: Material thermal properties and process energy aspects. Journal of Food Process Engineering, 2021, 44, e13678.	2.9	2
17	Modeling the water uptake by chicken carcasses during cooling by immersion. Food Science and Technology, 2011, , .	1.7	1
18	Prediction of ternary ion-exchange equilibrium using artificial neural networks and Law of Mass Action. Acta Scientiarum - Technology, 2012, 34, .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Comment and Update on "Using Artificial Intelligence to Manage Thrombosis Research, Diagnosis, and Clinical Management". Seminars in Thrombosis and Hemostasis, 2021, 47, 112-114.	2.7	1