

# Igor Tadeu Lazzarotto Bresolin

## List of Publications by Year in descending order

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22  
papers

294  
citations

932766  
10  
h-index

940134  
16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and purification of bromelain from waste peel of pineapple for therapeutic application. Brazilian Archives of Biology and Technology, 2013, 56, 971-979.	0.5	37
2	Evaluation of Immobilized Metal-Ion Affinity Chromatography (IMAC) as a Technique for IgG1 Monoclonal Antibodies Purification: The Effect of Chelating Ligand and Support. Applied Biochemistry and Biotechnology, 2010, 160, 2148-2165.	1.4	34
3	A new process of IgG purification by negative chromatography: Adsorption aspects of human serum proteins onto 1%-aminodecyl-agarose. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2087-2093.	1.2	32
4	Cromatografia de afinidade por Ânions metálicos imobilizados (IMAC) de biomoléculas: aspectos fundamentais e aplicações tecnológicas. Química Nova, 2009, 32, 1288-1296.	0.3	26
5	The performance of a three-phase fluidized bed reactor in treatment of wastewater with high organic load. Brazilian Journal of Chemical Engineering, 2004, 21, 219-227.	0.7	22
6	Purification of human IgG by negative chromatography on 1%-aminohexyl-agarose. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 557-566.	1.2	20
7	IgG purification by negative chromatography in amine-based ligands: A comparison of l-lysine and poly-l-lysine. Process Biochemistry, 2011, 46, 2277-2285.	1.8	18
8	Dye Ligand Epoxide Chitosan/Alginate: A Potential New Stationary Phase for Human IgG Purification. Adsorption Science and Technology, 2012, 30, 701-711.	1.5	18
9	Adsorption of human serum proteins onto TREN-agarose: Purification of human IgG by negative chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 17-23.	1.2	17
10	The effect of NaCl on the adsorption of human IgG onto CM-Asp-PEVA hollow fiber membrane-immobilized nickel and cobalt metal ions. Adsorption, 2014, 20, 677-688.	1.4	12
11	Human IgG adsorption using dye-ligand epoxy chitosan/alginate as adsorbent: influence of buffer system. Adsorption, 2014, 20, 925-934.	1.4	10
12	Phosphorylated-tyrosine based pseudobioaffinity adsorbent for the purification of immunoglobulin G. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1052, 10-18.	1.2	10
13	Evaluation of Amino Acid O-Phosphoserine as Ligand for the Capture of Immunoglobulin G from Human Serum. Applied Biochemistry and Biotechnology, 2012, 167, 632-644.	1.4	8
14	Hydrophobic interaction chromatography as polishing step enables obtaining ultra-pure recombinant antibodies. Journal of Biotechnology, 2020, 324, 100020.	1.9	6
15	Behavior of human immunoglobulin G adsorption onto immobilized Cu(II) affinity hollow fiber membranes. Journal of Molecular Recognition, 2013, 26, 514-520.	1.1	4
16	Prediction of the isotherms of human IgG adsorption on Ni(II)-IDA-PEVA membrane using artificial neural networks. Adsorption, 2014, 20, 959-965.	1.4	4
17	Negative chromatography on agarose-TREN as a technique for purification of protein spiked in soybean seeds extract. Process Biochemistry, 2012, 47, 2255-2261.	1.8	3
18	Human Immunoglobulin G Adsorption in Epoxy Chitosan/Alginate Adsorbents: Evaluation of Isotherms by Artificial Neural Networks. Chemical Product and Process Modeling, 2019, 14, .	0.5	3

#	ARTICLE	IF	CITATIONS
19	Phospho-tyrosine agarose chromatography: Adsorption of human IgG and its proteolytic fragments. <i>Biomedical Chromatography</i> , 2019, 33, e4397.	0.8	3
20	Evaluation of Iminodiacetic Acid (IDA) as an Ionogenic Group for Adsorption of IgG1 Monoclonal Antibodies by Membrane Chromatography. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 810-823.	1.4	3
21	Preface: 10th Brazilian meeting on adsorption. <i>Adsorption</i> , 2015, 21, 1-2.	1.4	2
22	Purification of Anti-Interleukin-6 Monoclonal Antibody Using Precipitation and Immobilized Metal-Ion Affinity Chromatography. <i>Adsorption Science and Technology</i> , 2015, 33, 191-202.	1.5	2