

# Jordi Poch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6322212/publications.pdf>

Version: 2024-02-01

44  
papers

1,898  
citations

394286

19  
h-index

315616

38  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of copper and nickel ions from aqueous solutions by grape stalks wastes. <i>Water Research</i> , 2004, 38, 992-1002.	5.3	394
2	Sorption of Pb(II), Ni(II), Cu(II) and Cd(II) from aqueous solution by olive stone waste. <i>Separation and Purification Technology</i> , 2006, 50, 132-140.	3.9	384
3	Removal of lead(II) and cadmium(II) from aqueous solutions using grape stalk waste. <i>Journal of Hazardous Materials</i> , 2006, 133, 203-211.	6.5	280
4	Mechanism of paracetamol removal by vegetable wastes: The contribution of $\pi$ - $\pi$ interactions, hydrogen bonding and hydrophobic effect. <i>Desalination</i> , 2011, 270, 135-142.	4.0	136
5	Single and simultaneous adsorption of Cr(VI) and Cu (II) on a novel Fe <sub>3</sub> O <sub>4</sub> /pine cones gel beads nanocomposite: Experiments, characterization and isotherms modeling. <i>Chemical Engineering Journal</i> , 2021, 416, 129101.	6.6	76
6	Biosorption of Cr(VI) using low cost sorbents. <i>Environmental Chemistry Letters</i> , 2003, 1, 135-139.	8.3	60
7	Modelling of breakthrough curves of single and binary mixtures of Cu(II), Cd(II), Ni(II) and Pb(II) sorption onto grape stalks waste. <i>Chemical Engineering Journal</i> , 2013, 217, 129-138.	6.6	56
8	Green Synthesis of Ag Nanoparticles Using Grape Stalk Waste Extract for the Modification of Screen-Printed Electrodes. <i>Nanomaterials</i> , 2018, 8, 946.	1.9	46
9	A new technology for the treatment of chromium electroplating wastewater based on biosorption. <i>Journal of Water Process Engineering</i> , 2016, 11, 143-151.	2.6	44
10	Preliminary studies on Cr(VI) removal from aqueous solution using grape stalk wastes encapsulated in calcium alginate beads in a packed bed up-flow column. <i>Reactive and Functional Polymers</i> , 2006, 66, 795-807.	2.0	41
11	Chromium (VI) uptake by grape stalks wastes encapsulated in calcium alginate beads: equilibrium and kinetics studies. <i>Chemical Speciation and Bioavailability</i> , 2004, 16, 25-33.	2.0	36
12	Determination of the effective diffusion coefficient of Zn(II) on a macroporous resin XAD-2 impregnated with di-2-ethylhexyl phosphoric acid (DEHPA). <i>Reactive and Functional Polymers</i> , 2001, 48, 53-63.	2.0	35
13	Modelling synergistic sorption of Cr(VI), Cu(II) and Ni(II) onto exhausted coffee wastes from binary mixtures Cr(VI)-Cu(II) and Cr(VI)-Ni(II). <i>Chemical Engineering Journal</i> , 2013, 230, 396-405.	6.6	29
14	Modeling of kinetics of Cr(VI) sorption onto grape stalk waste in a stirred batch reactor. <i>Journal of Hazardous Materials</i> , 2009, 170, 286-291.	6.5	23
15	Orthogonal Distance Regression: A Good Alternative to Least Squares for Modeling Sorption Data. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 490-499.	1.0	23
16	The Role of Exhausted Coffee Compounds on Metal Ions Sorption. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	22
17	New approach in modeling Cr(VI) sorption onto biomass from metal binary mixtures solutions. <i>Science of the Total Environment</i> , 2016, 541, 101-108.	3.9	22
18	Determination of the effective diffusion coefficient for gold(III) on a macroporous resin XAD-2 impregnated with triisobutyl phosphine sulfide. <i>Reactive and Functional Polymers</i> , 1999, 41, 27-35.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Grape Stalks Wastes Encapsulated in Calcium Alginate Beads for Cr(VI) Removal from Aqueous Solutions. <i>Separation Science and Technology</i> , 2005, 40, 1013-1028.	1.3	20
20	Biosorbent encapsulation in calcium alginate: Effects of process variables on Cr(VI) removal from solutions. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 260-270.	3.6	19
21	Expansion of adsorption isotherms into equilibrium surface. <i>Reactive and Functional Polymers</i> , 2001, 48, 37-51.	2.0	16
22	A teaching/learning support tool for introductory programming courses. , 0, , .		12
23	A model to describe Cr(VI) kinetics biosorption. <i>Journal of Hazardous Materials</i> , 2010, 175, 770-778.	6.5	10
24	A necessary and sufficient condition for the inequality of generalized weighted means. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	0.5	9
25	Adsorption of Cu(II), Ni(II), Pb(II) and Cd(II) from Ternary Mixtures: Modelling Competitive Breakthrough Curves and Assessment of Sensitivity. <i>Environmental Processes</i> , 2017, 4, 833-849.	1.7	8
26	Binary Fixed Bed Modeling of Phenol/Aniline Removal from Aqueous Solutions onto Hyper-Cross-Linked Resin (Macronet MN200). <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1502-1508.	1.0	7
27	Toxicity of Metalâ€“Ethylenediaminetetraacetic Acid Solution as a Function of Chemical Speciation: An Approach for Toxicity Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 484-494.	2.1	7
28	The kinetics of copper sorption onto yohimbe bark wastes. <i>International Journal of Environment and Pollution</i> , 2008, 34, 215.	0.2	6
29	Valorisation of Lignocellulosic Biomass Wastes for the Removal of Metal Ions from Aqueous Streams: A Review. , 2017, , .		6
30	Overestimation and Underestimation Biases in Photon Mapping with Non-Constant Kernels. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 1441-1450.	2.9	5
31	Some Order Preserving Inequalities for Cross Entropy and Kullbackâ€“Leibler Divergence. <i>Entropy</i> , 2018, 20, 959.	1.1	5
32	Histogram Ordering. <i>IEEE Access</i> , 2021, 9, 28785-28796.	2.6	5
33	An automatic correction tool that can learn. , 2011, , .		4
34	A fast and easy approach to the simulation of binary mixtures sorption kinetics. <i>Science of the Total Environment</i> , 2018, 616-617, 948-959.	3.9	4
35	A Formative Assessment Tool for Conceptual Database Design Using UML Class Diagram. <i>International Journal of Emerging Technologies in Learning</i> , 2010, 5, 27.	0.8	4
36	CogniciÃ³n de la InnovaciÃ³n Industrial en AmÃ©rica Latina: Avances y DesafÃ­os. <i>Journal of Technology Management and Innovation</i> , 2014, 9, 148-157.	0.5	4

#	ARTICLE	IF	CITATIONS
37	ACME: Plataforma de Aprendizaje Electrónico (e-learning) con Funcionalidades Deseables en el Ámbito de la Ingeniería. Formacion Universitaria, 2012, 5, 3-16.	0.2	3
38	New Insights into the Role of Chemical Components on Metal Ions Sorption by Grape Stalks Waste. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	2
39	Assessment of vegetable wastes for basic violet 14 removal: role of sorbent surface chemistry and porosity. Desalination and Water Treatment, 2015, 53, 2278-2288.	1.0	2
40	Improving the learning experience of business subjects in engineering studies using automatic spreadsheet correctors. Journal of Technology and Science Education, 2017, 7, 203.	0.5	2
41	Low Cost Materials for Metal Uptake from Aqueous Solutions. , 2005, , 251-258.		1
42	An automatic correction tool for inorganic chemical formulas. , 2010, , .		0
43	Stochastic Order and Generalized Weighted Mean Invariance. Entropy, 2021, 23, 662.	1.1	0
44	Un Nuevo Enfoque para la Puntuación Automática de Problemas cuya Resolución se basa en Diagramas. Formacion Universitaria, 2017, 10, 47-60.	0.2	0