Pilar RodrÃ-guez-Barro

List of Publications by Year
in descending order

21 papers	463 citations	840119 11 h-index	752256 20 g-index
21 all docs	21 docs citations	21 times ranked	552 citing authors

#	Article	IF	Citations
1	Removal of Methylene Blue from aqueous solutions using as biosorbentSargassum muticum: an invasive macroalga in Europe. Journal of Chemical Technology and Biotechnology, 2005, 80, 291-298.	1.6	111
2	Biosorption of phenolic compounds by the brown algaSargassum muticum. Journal of Chemical Technology and Biotechnology, 2006, 81, 1093-1099.	1.6	72
3	The efficiency of the red alga Mastocarpus stellatus for remediation of cadmium pollution. Bioresource Technology, 2008, 99, 4138-4146.	4.8	56
4	Adsorption of Methylene Blue on Chemically Modified Algal Biomass: Equilibrium, Dynamic, and Surface Data. Journal of Chemical & Engineering Data, 2010, 55, 5707-5714.	1.0	46
5	New polymeric/inorganic hybrid sorbents based on red mud and nanosized magnetite for large scale applications in As(V) removal. Chemical Engineering Journal, 2017, 311, 117-125.	6.6	32
6	Kinetics of the formation, decomposition, and disproportionation reactions ofN-chlorobutylamines. International Journal of Chemical Kinetics, 1995, 27, 703-717.	1.0	19
7	Full description of copper uptake by algal biomass combining an equilibrium NICA model with a kinetic intraparticle diffusion driving force approach. Bioresource Technology, 2011, 102, 2990-2997.	4.8	18
8	The kinetics and mechanism of the decomposition of N-chloroleucine. International Journal of Chemical Kinetics, 1988, 20, 433-441.	1.0	16
9	Adsorption of the Prototype Anionic Anthraquinone, Acid Blue 25, on a Modified Banana Peel: Comparison with Equilibrium and Kinetic Ligandâ€“Receptor Biochemical Data. Industrial & Engineering Chemistry Research, 2014, 53, 2251-2260.	1.8	15
10	Influence of ph on the decomposition of N-chlorodiethanolamine. Tetrahedron, 1989, 45, 3955-3966.	1.0	13
11	Acidâ^'Base Equilibrium Constants for Glycine in NaClO4, KCl, and KBr at 298 K. Dependence on Ionic Strength. Journal of Chemical & Engineering Data, 1998, 43, 876-879.	1.0	13
12	A kinetic study of the decomposition of N-bromoserine. International Journal of Chemical Kinetics, 1990, 22, 1271-1282.	1.0	11
13	Studies on the stability of nâ€chloroâ€aminoacids. Decomposition of Nâ€chloroâ€Lâ€serine. Environmental Technology Letters, 1988, 9, 589-598.	0.4	7
14	Disproportionation kinetics of N ? Cl-n-propylamine and N ? Cl-isopropylamine. International Journal of Chemical Kinetics, 1992, 24, 991-997.	1.0	6
15	Effect of Ionic Strength on the Kinetics of the Oxidation of Ascorbic Acid by Hexacyanoferrate(iii): Comparison between Specific Interaction Theories and the Mean Spherical Approximation. Journal of Chemical Research Synopses, 1998, , 558-559.	0.3	6
16	The proton binding properties of biosorbents. Environmental Chemistry Letters, 2019, 17, 1281-1298.	8.3	6
17	Stability ofN-chloro-3-aminopropanol in aqueous solution. Kinetics of decomposition and disproportion ofN-chloro-3-aminopropanol. International Journal of Chemical Kinetics, 1989, 21, 343-354.	1.0	5
18	Alkoxide-promoted decomposition of N-halo-Î±-amino acids in aqueous medium.. Tetrahedron, 1994, 50, 2265-2276.	1.0	5

#	Article	IF	Citations
19	A Systematic Analysis and Review of the Fundamental Acid-Base Properties of Biosorbents. Environmental Chemistry for A Sustainable World, 2018, , 73-133.	0.3	4
20	Kinetic and equilibrium study of the reaction of nitroprusside and hydroxide ions: Influence of ionic strength using Pitzer model. International Journal of Chemical Kinetics, 2004, 36, 650-660.	1.0	2
21	Nonâ€Metabolic Uptake of Al³⁺ by Dead Leaves of Rubus ulmifolius: Comparison With Metabolic Bioaccumulation Data. Clean - Soil, Air, Water, 2016, 44, 154-161.	0.7	0