

Roberto Leyva-Ramos

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8603408/roberto-leyva-ramos-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140
papers

8,550
citations

50
h-index

89
g-index

141
ext. papers

9,399
ext. citations

7.6
avg, IF

6.11
L-index

#	Paper	IF	Citations
140	Single adsorption of diclofenac and ronidazole from aqueous solution on commercial activated carbons: effect of chemical and textural properties.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
139	Removal of tetracycline from aqueous solutions by adsorption on raw Ca-bentonite. Effect of operating conditions and adsorption mechanism. <i>Chemical Engineering Journal</i> , 2022 , 432, 134428	14.7	0
138	Ciprofloxacin, ranitidine, and chlorphenamine removal from aqueous solution by adsorption. Mechanistic and regeneration analysis. <i>Environmental Technology and Innovation</i> , 2021 , 102060	7	2
137	Organoclays. Fundamentals and Applications for Removing Toxic Pollutants from Water Solution. <i>Engineering Materials</i> , 2021 , 341-363	0.4	
136	Bone Char from an Invasive Aquatic Specie as a Green Adsorbent for Fluoride Removal in Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	3
135	A novel intraparticle mass transfer model for the biosorption rate of methylene blue on white pine (<i>Pinus durangensis</i>) sawdust. Diffusion-permeation. <i>Chemical Engineering Research and Design</i> , 2021 , 172, 43-52	5.5	0
134	Adsorption of selenium (iv) oxoanions on calcined layered double hydroxides of mg-al-co3 from aqueous solution. effect of calcination and reconstruction of lamellar structure. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021 , 100580	3.3	3
133	Understanding mechanisms in the adsorption of lead and copper ions on chili seed waste in single and multicomponent systems: a combined experimental and computational study. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 23204-23219	5.1	1
132	Evaluation of mass transfer mechanisms involved during the adsorption of metronidazole on granular activated carbon in fixed bed column. <i>Journal of Water Process Engineering</i> , 2020 , 36, 101303	6.7	14
131	Synthesis of controlled-size silver nanoparticles for the administration of methotrexate drug and its activity in colon and lung cancer cells.. <i>RSC Advances</i> , 2020 , 10, 10646-10660	3.7	14
130	Adsorption capacity of different types of carbon nanotubes towards metronidazole and dimetridazole antibiotics from aqueous solutions: effect of morphology and surface chemistry. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 17123-17137	5.1	13
129	Effect of surface area and physical/chemical properties of graphite and graphene-based materials on their adsorption capacity towards metronidazole and trimethoprim antibiotics in aqueous solution. <i>Chemical Engineering Journal</i> , 2020 , 402, 126155	14.7	27
128	Arsenic Elimination from Water Solutions by Adsorption on Bone Char. Effect of Operating Conditions and Removal from Actual Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	7
127	Halide removal from water using silver doped magnetic-microparticles. <i>Journal of Environmental Management</i> , 2020 , 253, 109731	7.9	5
126	Adsorption of Diclofenac from Aqueous Solution onto Carbon Xerogels: Effect of Synthesis Conditions and Presence of Bacteria. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	7
125	Degradation of the diuretic hydrochlorothiazide by UV/Solar radiation assisted oxidation processes. <i>Journal of Environmental Management</i> , 2020 , 257, 109973	7.9	8
124	Use of bone char prepared from an invasive species, pleco fish (<i>Pterygoplichthys</i> spp.), to remove fluoride and Cadmium(II) in water. <i>Journal of Environmental Management</i> , 2020 , 256, 109956	7.9	22

123	Oxidation of sulfonamides by ferrate(VI): Reaction kinetics, transformation byproducts and toxicity assessment. <i>Journal of Environmental Management</i> , 2020 , 255, 109927	7.9	8
122	The adsorption kinetics of sodium dodecylbenzenesulfonate on activated carbon. Branched-pore diffusional model revisited and comparison with other diffusional models. <i>Chemical Engineering Communications</i> , 2020 , 207, 705-721	2.2	5
121	Degradation of emerging contaminants diclofenac, sulfamethoxazole, trimethoprim and carbamazepine by bentonite and vermiculite at a pilot solar compound parabolic collector. <i>Catalysis Today</i> , 2020 , 341, 26-36	5.3	15
120	Comparative Study of the Oxidative Degradation of Different 4-Aminobenzene Sulfonamides in Aqueous Solution by Sulfite Activation in the Presence of Fe(0), Fe(II), Fe(III) Or Fe(VI). <i>Water (Switzerland)</i> , 2019 , 11, 2332	3	5
119	Photocatalytic oxidation of diuron using nickel organic xerogel under simulated solar irradiation. <i>Science of the Total Environment</i> , 2019 , 650, 1207-1215	10.2	17
118	A novel two-step route for synthesizing pure Ta ₂ O ₅ nanoparticles with enhanced photocatalytic activity. <i>Ceramics International</i> , 2019 , 45, 6268-6274	5.1	9
117	Tailoring the textural properties of an activated carbon for enhancing its adsorption capacity towards diclofenac from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 6141-6152	5.1	15
116	Lanthanum-doped silica xerogels for the removal of fluorides from waters. <i>Journal of Environmental Management</i> , 2018 , 213, 549-554	7.9	12
115	Competitive Adsorption of Dimetridazole and Metronidazole Antibiotics on Carbon Materials from Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	9
114	Individual and simultaneous degradation of the antibiotics sulfamethoxazole and trimethoprim in aqueous solutions by Fenton, Fenton-like and photo-Fenton processes using solar and UV radiations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 360, 95-108	4.7	39
113	Individual and simultaneous degradation of antibiotics sulfamethoxazole and trimethoprim by UV and solar radiation in aqueous solution using bentonite and vermiculite as photocatalysts. <i>Applied Clay Science</i> , 2018 , 160, 217-225	5.2	27
112	Competitive Adsorption of Heavy Metals from Aqueous Solution onto Oxidized Activated Carbon Fiber. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	9
111	Sulfonamides degradation assisted by UV, UV/HO and UV/KSO: Efficiency, mechanism and byproducts cytotoxicity. <i>Journal of Environmental Management</i> , 2018 , 225, 224-231	7.9	31
110	Antagonistic, synergistic and non-interactive competitive sorption of sulfamethoxazole-trimethoprim and sulfamethoxazole-cadmium (ii) on a hybrid clay nanosorbent. <i>Science of the Total Environment</i> , 2018 , 640-641, 1241-1250	10.2	14
109	Sorption of Diclofenac from Aqueous Solution on an Organobentonite and Adsorption of Cadmium on Organobentonite Saturated with Diclofenac. <i>Clays and Clay Minerals</i> , 2018 , 66, 515-528	2.1	15
108	3D modeling of the overall adsorption rate of metronidazole on granular activated carbon at low and high concentrations in aqueous solution. <i>Chemical Engineering Journal</i> , 2018 , 349, 82-91	14.7	21
107	Walnut shell treated with citric acid and its application as biosorbent in the removal of Zn(II). <i>Journal of Water Process Engineering</i> , 2018 , 25, 45-53	6.7	39
106	Single and competitive adsorption of Cd(II) and Pb(II) ions from aqueous solutions onto industrial chili seeds (<i>Capsicum annum</i>) waste. <i>Sustainable Environment Research</i> , 2017 , 27, 61-69	3.8	40

105	Effect of surfactant loading and type upon the sorption capacity of organobentonite towards pyrogallol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 520, 676-685	5.1	13
104	Advanced Oxidation Processes based on the use of UVC and simulated solar radiation to remove the antibiotic tinidazole from water. <i>Chemical Engineering Journal</i> , 2017 , 323, 605-617	14.7	44
103	Biosorption mechanism of Methylene Blue from aqueous solution onto White Pine (<i>Pinus durangensis</i>) sawdust: Effect of operating conditions. <i>Sustainable Environment Research</i> , 2017 , 27, 32-40	3.8	92
102	Halide removal from waters by silver nanoparticles and hydrogen peroxide. <i>Science of the Total Environment</i> , 2017 , 607-608, 649-657	10.2	11
101	Effect of radical peroxide promoters on the photodegradation of cytarabine antineoplastic in water. <i>Chemical Engineering Journal</i> , 2016 , 284, 995-1002	14.7	12
100	Organic xerogels doped with Tris(2,2'-bipyridine) ruthenium(II) as hydroxyl radical promoters: Synthesis, characterization, and photoactivity. <i>Chemical Engineering Journal</i> , 2016 , 306, 289-297	14.7	9
99	Removal of ronidazole and sulfamethoxazole from water solutions by adsorption on granular activated carbon: equilibrium and intraparticle diffusion mechanisms. <i>Adsorption</i> , 2016 , 22, 89-103	2.6	41
98	Novel biosorbent with high adsorption capacity prepared by chemical modification of white pine (<i>Pinus durangensis</i>) sawdust. Adsorption of Pb(II) from aqueous solutions. <i>Journal of Environmental Management</i> , 2016 , 169, 303-12	7.9	36
97	Role of 1 [O 2] * in chlortetracycline degradation by solar radiation assisted by ruthenium metal complexes. <i>Chemical Engineering Journal</i> , 2016 , 284, 896-904	14.7	12
96	Ultrasound assisted preparation of chitosan/vermiculite bionanocomposite foams for cadmium uptake. <i>Applied Clay Science</i> , 2016 , 130, 40-49	5.2	48
95	Overall adsorption rate of metronidazole, dimetridazole and diatrizoate on activated carbons prepared from coffee residues and almond shells. <i>Journal of Environmental Management</i> , 2016 , 169, 116-25	7.9	69
94	Adsorption mechanism of Chromium(III) from water solution on bone char: effect of operating conditions. <i>Adsorption</i> , 2016 , 22, 297-308	2.6	32
93	Removal of fluoride from aqueous solution using acid and thermally treated bone char. <i>Adsorption</i> , 2016 , 22, 951-961	2.6	22
92	Fast synthesis of micro/mesoporous xerogels: Textural and energetic assessment. <i>Microporous and Mesoporous Materials</i> , 2015 , 209, 2-9	5.3	11
91	Comparison between diffusional and first-order kinetic model, and modeling the adsorption kinetics of pyridine onto granular activated carbon. <i>Desalination and Water Treatment</i> , 2015 , 55, 637-646		4
90	Modeling adsorption rate of tetracyclines on activated carbons from aqueous phase. <i>Chemical Engineering Research and Design</i> , 2015 , 104, 579-588	5.5	40
89	Adsorption of Fluoride from Aqueous Solution on Calcined and Uncalcined Layered Double Hydroxide. <i>Adsorption Science and Technology</i> , 2015 , 33, 393-410	3.6	15
88	Adsorption of boron on calcined AlMg layered double hydroxide from aqueous solutions. Mechanism and effect of operating conditions. <i>Chemical Engineering Journal</i> , 2014 , 245, 248-257	14.7	34

87	Adsorption capacity of bone char for removing fluoride from water solution. Role of hydroxyapatite content, adsorption mechanism and competing anions. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4014-4021	6.3	109
86	Removal of the antibiotic metronidazole by adsorption on various carbon materials from aqueous phase. <i>Journal of Colloid and Interface Science</i> , 2014 , 436, 276-85	9.3	101
85	Role of electrostatic interactions in the adsorption of cadmium(II) from aqueous solution onto vermiculite. <i>Applied Clay Science</i> , 2014 , 88-89, 10-17	5.2	45
84	Activated carbon as photocatalyst of reactions in aqueous phase. <i>Applied Catalysis B: Environmental</i> , 2013 , 142-143, 694-704	21.8	75
83	Removal of diethyl phthalate from water solution by adsorption, photo-oxidation, ozonation and advanced oxidation process (UV/H ₂ O ₂ /H ₂ O ₂ and O ₃ /activated carbon). <i>Science of the Total Environment</i> , 2013 , 442, 26-35	10.2	71
82	Role of pore volume and surface diffusion in the adsorption of aromatic compounds on activated carbon. <i>Adsorption</i> , 2013 , 19, 945-957	2.6	38
81	Role of Carboxylic Sites in the Adsorption of Nickel (II) and Zinc (II) onto Plain and Oxidized Activated Carbon Fibers. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	7
80	Nitroimidazoles adsorption on activated carbon cloth from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013 , 401, 116-24	9.3	34
79	Sorption mechanism of Cd(II) from water solution onto chicken eggshell. <i>Applied Surface Science</i> , 2013 , 276, 682-690	6.7	56
78	Binary adsorption of heavy metals from aqueous solution onto natural clays. <i>Chemical Engineering Journal</i> , 2013 , 225, 535-546	14.7	120
77	Adsorption of Heavy Metals on Diatomite: Mechanism and Effect of Operating Variables. <i>Adsorption Science and Technology</i> , 2013 , 31, 275-291	3.6	14
76	Removal of Pyridine from Aqueous Solution by Adsorption on an Activated Carbon Cloth. <i>Clean - Soil, Air, Water</i> , 2012 , 40, 45-53	1.6	20
75	Kinetic study of tetracycline adsorption on sludge-derived adsorbents in aqueous phase. <i>Chemical Engineering Journal</i> , 2012 , 213, 88-96	14.7	125
74	Role of activated carbon in the photocatalytic degradation of 2,4-dichlorophenoxyacetic acid by the UV/TiO ₂ /activated carbon system. <i>Applied Catalysis B: Environmental</i> , 2012 , 126, 100-107	21.8	29
73	Modification of corncob with citric acid to enhance its capacity for adsorbing cadmium(II) from water solution. <i>Chemical Engineering Journal</i> , 2012 , 180, 113-120	14.7	80
72	External mass transfer and hindered diffusion of organic compounds in the adsorption on activated carbon cloth. <i>Chemical Engineering Journal</i> , 2012 , 183, 141-151	14.7	52
71	Tetracycline degradation in aqueous phase by ultraviolet radiation. <i>Chemical Engineering Journal</i> , 2012 , 187, 89-95	14.7	90
70	Photodegradation of the antibiotics nitroimidazoles in aqueous solution by ultraviolet radiation. <i>Water Research</i> , 2011 , 45, 393-403	12.5	89

69	Adsorption of Heavy Metal Ions from Aqueous Solution onto Sepiolite. <i>Adsorption Science and Technology</i> , 2011 , 29, 569-584	3.6	15
68	Adsorption rate of phenol from aqueous solution onto organobentonite: surface diffusion and kinetic models. <i>Journal of Colloid and Interface Science</i> , 2011 , 364, 195-204	9.3	89
67	Degradation of antineoplastic cytarabine in aqueous solution by gamma radiation. <i>Chemical Engineering Journal</i> , 2011 , 174, 1-8	14.7	47
66	Tetracycline removal from waters by integrated technologies based on ozonation and biodegradation. <i>Chemical Engineering Journal</i> , 2011 , 178, 115-121	14.7	139
65	Adsorption of arsenic (V) from a water solution onto a surfactant-modified zeolite. <i>Adsorption</i> , 2011 , 17, 489-496	2.6	23
64	Adsorption of lead(II) from aqueous solution onto several types of activated carbon fibers. <i>Adsorption</i> , 2011 , 17, 515-526	2.6	41
63	Equilibrium and Kinetic Adsorption of Organic Compounds onto Organobentonite: Application of a Surface Diffusion Model. <i>Adsorption Science and Technology</i> , 2011 , 29, 1007-1024	3.6	4
62	Enhancement of the catalytic activity of TiO ₂ by using activated carbon in the photocatalytic degradation of cytarabine. <i>Applied Catalysis B: Environmental</i> , 2011 , 104, 177-184	21.8	44
61	Activated carbon modifications to enhance its water treatment applications. An overview. <i>Journal of Hazardous Materials</i> , 2011 , 187, 1-23	12.8	387
60	Removal of ammonium from aqueous solution by ion exchange on natural and modified chabazite. <i>Journal of Environmental Management</i> , 2010 , 91, 2662-8	7.9	65
59	Removal of tinidazole from waters by using ozone and activated carbon in dynamic regime. <i>Journal of Hazardous Materials</i> , 2010 , 174, 880-6	12.8	43
58	Kinetic study of the adsorption of nitroimidazole antibiotics on activated carbons in aqueous phase. <i>Journal of Colloid and Interface Science</i> , 2010 , 345, 481-90	9.3	94
57	Kinetic modeling of fluoride adsorption from aqueous solution onto bone char. <i>Chemical Engineering Journal</i> , 2010 , 158, 458-467	14.7	123
56	Advanced oxidation of the surfactant SDBS by means of hydroxyl and sulphate radicals. <i>Chemical Engineering Journal</i> , 2010 , 163, 300-306	14.7	87
55	Modeling adsorption rate of pyridine onto granular activated carbon. <i>Chemical Engineering Journal</i> , 2010 , 165, 133-141	14.7	82
54	Degradation of antineoplastic cytarabine in aqueous phase by advanced oxidation processes based on ultraviolet radiation. <i>Chemical Engineering Journal</i> , 2010 , 165, 581-588	14.7	41
53	Influence of presence of tannic acid on removal of sodium dodecylbenzenesulphonate by O ₃ and advanced oxidation processes. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 367-375	3.5	4
52	Removal of nitroimidazole antibiotics from aqueous solution by adsorption/bioadsorption on activated carbon. <i>Journal of Hazardous Materials</i> , 2009 , 170, 298-305	12.8	205

51	Kinetic modeling of pentachlorophenol adsorption onto granular activated carbon. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2009 , 40, 622-629	5.3	30
50	Gamma irradiation of pharmaceutical compounds, nitroimidazoles, as a new alternative for water treatment. <i>Water Research</i> , 2009 , 43, 4028-36	12.5	123
49	Kinetic Modelling of Naphthalenesulphonic Acid Adsorption from Aqueous Solution onto Untreated and Ozonated Activated Carbons. <i>Adsorption Science and Technology</i> , 2009 , 27, 395-411	3.6	7
48	Removal of pharmaceutical compounds, nitroimidazoles, from waters by using the ozone/carbon system. <i>Water Research</i> , 2008 , 42, 4163-71	12.5	97
47	Adsorption of sodium dodecylbenzenesulfonate on activated carbons: effects of solution chemistry and presence of bacteria. <i>Journal of Colloid and Interface Science</i> , 2008 , 317, 11-7	9.3	48
46	Behavior of two different constituents of natural organic matter in the removal of sodium dodecylbenzenesulfonate by O ₃ and O ₃ -based advanced oxidation processes. <i>Journal of Colloid and Interface Science</i> , 2008 , 325, 432-9	9.3	12
45	Adsorption of chromium(VI) from an aqueous solution on a surfactant-modified zeolite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 330, 35-41	5.1	139
44	Kinetic modeling of pentachlorophenol adsorption from aqueous solution on activated carbon fibers. <i>Carbon</i> , 2007 , 45, 2280-2289	10.4	43
43	Effect of temperature and pH on the adsorption of an anionic detergent on activated carbon. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 45, 231-240	3.5	24
42	Adsorption of Fluoride from Water Solution on Bone Char. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 9205-9212	3.9	175
41	Effect of pH and temperature on the ion-exchange isotherm of Cd(II) and Pb(II) on clinoptilolite. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 966-973	3.5	38
40	Combination of Ozone with Activated Carbon as an Alternative to Conventional Advanced Oxidation Processes. <i>Ozone: Science and Engineering</i> , 2006 , 28, 237-245	2.4	46
39	Ozonation of naphthalenetrisulphonic acid in the presence of activated carbons prepared from petroleum coke. <i>Applied Catalysis B: Environmental</i> , 2006 , 67, 113-120	21.8	30
38	Removal of Toxic Pollutants from Aqueous Solutions by Adsorption onto an Organobentonite. <i>Adsorption Science and Technology</i> , 2006 , 24, 687-799	3.6	13
37	Adsorption of Pentachlorophenol from Aqueous Solution onto Activated Carbon Fiber. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 330-336	3.9	51
36	Removal of the surfactant sodium dodecylbenzenesulphonate from water by simultaneous use of ozone and powdered activated carbon: comparison with systems based on O ₃ and O ₃ /H ₂ O ₂ . <i>Water Research</i> , 2006 , 40, 1717-25	12.5	56
35	Comparison of isotherms for the ion exchange of Pb(II) from aqueous solution onto homoionic clinoptilolite. <i>Journal of Colloid and Interface Science</i> , 2006 , 301, 40-5	9.3	56
34	Adsorption of Cadmium(II) from an Aqueous Solution onto Activated Carbon Cloth. <i>Separation Science and Technology</i> , 2005 , 40, 2079-2094	2.5	23

33	Adsorption of cadmium(II) from aqueous solution on natural and oxidized corncob. <i>Separation and Purification Technology</i> , 2005 , 45, 41-49	8.3	185
32	Kinetics of 1,3,6-naphthalenetrisulphonic acid ozonation in presence of activated carbon. <i>Carbon</i> , 2005 , 43, 962-969	10.4	48
31	Ozonation in aqueous phase of sodium dodecylbenzenesulphonate in the presence of powdered activated carbon. <i>Carbon</i> , 2005 , 43, 3031-3034	10.4	5
30	Intraparticle diffusion of cadmium and zinc ions during adsorption from aqueous solution on activated carbon. <i>Journal of Chemical Technology and Biotechnology</i> , 2005 , 80, 924-933	3.5	23
29	Ammonia exchange on clinoptilolite from mineral deposits located in Mexico. <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 651-657	3.5	46
28	Ozonation of naphthalenesulphonic acid in the aqueous phase in the presence of basic activated carbons. <i>Langmuir</i> , 2004 , 20, 9217-22	4	75
27	Adsorption Kinetic Behaviour of Pure CO ₂ , N ₂ and CH ₄ in Natural Clinoptilolite at Different Temperatures. <i>Adsorption Science and Technology</i> , 2003 , 21, 81-91	3.6	27
26	Effect of the ozone-carbon reaction on the catalytic activity of activated carbon during the degradation of 1,3,6-naphthalenetrisulphonic acid with ozone. <i>Carbon</i> , 2003 , 41, 303-307	10.4	88
25	Influence of support surface properties on activity of bacteria immobilised on activated carbons for water denitrification. <i>Carbon</i> , 2003 , 41, 1743-1749	10.4	40
24	Adsorption of 1,3,6-Naphthalenetrisulfonic Acid on Activated Carbon in the Presence of Cd(II), Cr(III), and Hg(II). Importance of Electrostatic Interactions. <i>Langmuir</i> , 2003 , 19, 10857-10861	4	22
23	Adsorption of Cr(III) on ozonised activated carbon. Importance of Cation interactions. <i>Water Research</i> , 2003 , 37, 3335-40	12.5	137
22	Ozonation of 1,3,6-naphthalenetrisulphonic acid catalysed by activated carbon in aqueous phase. <i>Applied Catalysis B: Environmental</i> , 2002 , 39, 319-329	21.8	166
21	Advanced oxidation with ozone of 1,3,6-naphthalenetrisulfonic acid in aqueous solution. <i>Journal of Chemical Technology and Biotechnology</i> , 2002 , 77, 148-154	3.5	17
20	Adsorption of zinc(II) from an aqueous solution onto activated carbon. <i>Journal of Hazardous Materials</i> , 2002 , 90, 27-38	12.8	153
19	The role of dispersive and electrostatic interactions in the aqueous phase adsorption of naphthalenesulphonic acids on ozone-treated activated carbons. <i>Carbon</i> , 2002 , 40, 2685-2691	10.4	53
18	Competitive exchange of lead(II) and cadmium(II) from aqueous solution on clinoptilolite. <i>Studies in Surface Science and Catalysis</i> , 2002 , 142, 1849-1856	1.8	2
17	Degradation of naphthalenesulfonic acids by oxidation with ozone in aqueous phase. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 1129-1134	3.6	31
16	Effect of Ozone Treatment on Surface Properties of Activated Carbon. <i>Langmuir</i> , 2002 , 18, 2111-2116	4	341

15	Activated carbon surface modifications by adsorption of bacteria and their effect on aqueous lead adsorption. <i>Journal of Chemical Technology and Biotechnology</i> , 2001 , 76, 1209-1215	3.5	320
14	COMPETITIVE ADSORPTION OF Cd(II) AND Zn(II) FROM AQUEOUS SOLUTION ONTO ACTIVATED CARBON. <i>Separation Science and Technology</i> , 2001 , 36, 3673-3687	2.5	19
13	Adsorption of fluoride from aqueous solution on aluminum-impregnated carbon. <i>Carbon</i> , 1999 , 37, 609-617	6.74	188
12	Adsorption of Phenol from Aqueous Solution on to Activated Carbon. Effect of Solvent, Temperature and Particle Size. <i>Adsorption Science and Technology</i> , 1999 , 17, 533-543	3.6	10
11	Effects of non-oxidant and oxidant acid treatments on the surface properties of an activated carbon with very low ash content. <i>Carbon</i> , 1998 , 36, 145-151	10.4	262
10	Adsorption of Humic Substances on Activated Carbon from Aqueous Solutions and Their Effect on the Removal of Cr(III) Ions. <i>Langmuir</i> , 1998 , 14, 1880-1886	4	128
9	Adsorption of cadmium(II) from aqueous solution onto activated carbon. <i>Water Science and Technology</i> , 1997 , 35, 205-211	2.2	148
8	Adsorption of cadmium(ii) from aqueous solution onto activated carbon. <i>Water Science and Technology</i> , 1997 , 35, 205	2.2	76
7	Adsorption of trivalent chromium from aqueous solutions onto activated carbon. <i>Journal of Chemical Technology and Biotechnology</i> , 1995 , 62, 64-67	3.5	76
6	Activated Carbon Surface Modifications by Nitric Acid, Hydrogen Peroxide, and Ammonium Peroxydisulfate Treatments. <i>Langmuir</i> , 1995 , 11, 4386-4392	4	449
5	Adsorption of some substituted phenols on activated carbons from a bituminous coal. <i>Carbon</i> , 1995 , 33, 845-851	10.4	180
4	Diffusion in liquid-filled pores of activated carbon. I. Pore volume diffusion. <i>Canadian Journal of Chemical Engineering</i> , 1994 , 72, 262-271	2.3	67
3	Diffusion of phenol through a biofilm grown on activated carbon particles in a draft-tube three-phase fluidized-bed bioreactor. <i>Biotechnology and Bioengineering</i> , 1990 , 35, 279-86	4.9	195
2	Adsorption of zinc, cadmium, and copper on activated carbons obtained from agricultural by-products. <i>Carbon</i> , 1988 , 26, 363-373	10.4	195
1	Model simulation and analysis of surface diffusion of liquids in porous solids. <i>Chemical Engineering Science</i> , 1985 , 40, 799-807	4.4	78