

Fernando Rodolfo Espinoza-Quiñones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1922301/publications.pdf>

Version: 2024-02-01

123
papers

2,659
citations

186209

28
h-index

233338

45
g-index

123
all docs

123
docs citations

123
times ranked

2962
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic, equilibrium and thermodynamic phenomenological modeling of reactive dye adsorption onto polymeric adsorbent. <i>Chemical Engineering Journal</i> , 2017, 307, 466-475.	6.6	159
2	Monolayer and multilayer adsorption phenomenological model: Kinetics, equilibrium and thermodynamics. <i>Chemical Engineering Journal</i> , 2016, 284, 1328-1341.	6.6	136
3	Biosorption of reactive blue 5G dye onto drying orange bagasse in batch system: Kinetic and equilibrium modeling. <i>Chemical Engineering Journal</i> , 2010, 163, 68-77.	6.6	124
4	Pollutant removal from tannery effluent by electrocoagulation. <i>Chemical Engineering Journal</i> , 2009, 151, 59-65.	6.6	116
5	Performance evaluation of an integrated photo-Fenton and Electrocoagulation process applied to pollutant removal from tannery effluent in batch system. <i>Chemical Engineering Journal</i> , 2012, 197, 1-9.	6.6	101
6	Assessment of a multistage system based on electrocoagulation, solar photo-Fenton and biological oxidation processes for real textile wastewater treatment. <i>Chemical Engineering Journal</i> , 2014, 252, 120-130.	6.6	82
7	Insights into solar photo-Fenton process using iron(III) organic ligand complexes applied to real textile wastewater treatment. <i>Chemical Engineering Journal</i> , 2015, 266, 203-212.	6.6	80
8	Toxicity assessment from electro-coagulation treated-textile dye wastewaters by bioassays. <i>Journal of Hazardous Materials</i> , 2009, 172, 330-337.	6.5	69
9	Modeling of biodegradation process of BTEX compounds: Kinetic parameters estimation by using Particle Swarm Global Optimizer. <i>Process Biochemistry</i> , 2010, 45, 1355-1361.	1.8	65
10	Characterization of <i>Oreochromis niloticus</i> fish scales and assessment of their potential on the adsorption of reactive blue 5G dye. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 693-701.	2.3	59
11	Performance evaluation of a photo-Fenton process applied to pollutant removal from textile effluents in a batch system. <i>Journal of Environmental Management</i> , 2012, 104, 1-8.	3.8	52
12	Determination of the mass transfer limiting step of dye adsorption onto commercial adsorbent by using mathematical models. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2356-2364.	1.2	50
13	Two-stage integrated system photo-electro-Fenton and biological oxidation process assessment of sanitary landfill leachate treatment: An intermediate products study. <i>Chemical Engineering Journal</i> , 2019, 372, 471-482.	6.6	47
14	A systems approach for CO ₂ fixation from flue gas by microalgae: Theory review. <i>Process Biochemistry</i> , 2016, 51, 1817-1832.	1.8	45
15	Study of the involved sorption mechanisms of Cr(VI) and Cr(III) species onto dried <i>Salvinia auriculata</i> biomass. <i>Chemosphere</i> , 2017, 172, 373-383.	4.2	44
16	Study of the bioaccumulation kinetic of lead by living aquatic macrophyte <i>Salvinia auriculata</i> . <i>Chemical Engineering Journal</i> , 2009, 150, 316-322.	6.6	41
17	Performance evaluation of different solar advanced oxidation processes applied to the treatment of a real textile dyeing wastewater. <i>Environmental Science and Pollution Research</i> , 2015, 22, 833-845.	2.7	39
18	Treatment of sanitary landfill leachate by the combination of photo-Fenton and biological processes. <i>Journal of Cleaner Production</i> , 2019, 214, 145-153.	4.6	39

#	ARTICLE	IF	CITATIONS
19	Removal of heavy metal from polluted river water using aquatic macrophytes <i>Salvinia</i> sp. Brazilian Journal of Physics, 2005, 35, 744.	0.7	38
20	Root uptake and reduction of hexavalent chromium by aquatic macrophytes as assessed by high-resolution X-ray emission. Water Research, 2009, 43, 4159-4166.	5.3	37
21	Cadmium, Copper and Zinc Biosorption Study by Non-Living <i>Egeria densa</i> Biomass. Water, Air, and Soil Pollution, 2009, 202, 385-392.	1.1	36
22	Kinetic and equilibrium adsorption of Cu(II) and Cd(II) ions on <i>Eichhornia crassipes</i> in single and binary systems. Chemical Engineering Journal, 2011, 168, 44-51.	6.6	35
23	Tetracycline adsorption by tilapia fish bone-based biochar: Mass transfer assessment and fixed-bed data prediction by hybrid statistical-phenomenological modeling. Journal of Cleaner Production, 2021, 279, 123775.	4.6	33
24	Integrated two-phase purification procedure for abatement of pollutants from sanitary landfill leachates. Chemical Engineering Journal, 2018, 334, 19-29.	6.6	32
25	Cr(VI) reduction by activated carbon and non-living macrophytes roots as assessed by K ¹² spectroscopy. Chemical Engineering Journal, 2010, 162, 266-272.	6.6	31
26	Inhibitory effect on the uptake and diffusion of Cd ²⁺ onto soybean hull sorbent in Cd ²⁺ -Pb binary sorption systems. Journal of Environmental Management, 2015, 154, 22-32.	3.8	31
27	Biodegradability and toxicity assessment of a real textile wastewater effluent treated by an optimized electrocoagulation process. Environmental Technology (United Kingdom), 2015, 36, 496-506.	1.2	31
28	Analysis of Trace Elements in Groundwater Using ICP-OES and TXRF Techniques and Its Compliance with Brazilian Protection Standards. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	30
29	Kinetics of Lead Bioaccumulation from a Hydroponic Medium by Aquatic Macrophytes <i>Pistia stratiotes</i> . Water, Air, and Soil Pollution, 2009, 203, 29-37.	1.1	29
30	Chromium ions phytoaccumulation by three floating aquatic macrophytes from a nutrient medium. World Journal of Microbiology and Biotechnology, 2008, 24, 3063-3070.	1.7	28
31	A comprehensive evaluation of heavy metals removal from battery industry wastewaters by applying bio-residue, mineral and commercial adsorbent materials. Journal of Materials Science, 2018, 53, 7976-7995.	1.7	28
32	Assessment of the banana pseudostem as a low-cost biosorbent for the removal of reactive blue 5G dye. Environmental Technology (United Kingdom), 2015, 36, 2892-2902.	1.2	27
33	Performance of photo-Fenton process mediated by Fe (III)-carboxylate complexes applied to degradation of landfill leachate. Journal of Environmental Chemical Engineering, 2017, 5, 4462-4470.	3.3	26
34	Electrocoagulation efficiency of the tannery effluent treatment using aluminium electrodes. Water Science and Technology, 2009, 60, 2173-2185.	1.2	24
35	Optimised photocatalytic degradation of a mixture of azo dyes using a TiO ₂ /H ₂ O ₂ /UV process. Water Science and Technology, 2012, 65, 1392-1398.	1.2	24
36	New insights on abatement of organic matter and reduction of toxicity from landfill leachate treated by the electrocoagulation process. Journal of Environmental Chemical Engineering, 2017, 5, 5448-5459.	3.3	22

#	ARTICLE	IF	CITATIONS
37	Band structures in Ag ₁₀₈ . <i>Physical Review C</i> , 1995, 52, 104-112.	1.1	21
38	Cadmium biosorption by non-living aquatic macrophytes <i>Egeria densa</i> . <i>Water Science and Technology</i> , 2009, 60, 293-300.	1.2	21
39	Application of high resolution X-ray emission spectroscopy on the study of Cr ion adsorption by activated carbon. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2208-2213.	0.7	21
40	Toxicity assessment of tannery effluent treated by an optimized photo-Fenton process. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 653-661.	1.2	21
41	Desirability function applied to the optimization of the Photoperoxi-Electrocoagulation process conditions in the treatment of tannery industrial wastewater. <i>Journal of Water Process Engineering</i> , 2018, 23, 207-216.	2.6	21
42	A new alternative to use soybean hulls on the adsorptive removal of aqueous dyestuff. <i>Bioresource Technology Reports</i> , 2019, 6, 175-182.	1.5	21
43	Landfill leachate treatment by a boron-doped diamond-based photo-electro-Fenton system integrated with biological oxidation: A toxicity, genotoxicity and by products assessment. <i>Journal of Environmental Management</i> , 2020, 264, 110473.	3.8	21
44	Correlation between heavy metal ions (copper, zinc, lead) concentrations and root length of <i>Allium cepa</i> L. in polluted river water. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 191-196.	0.5	20
45	Evaluation of trace element levels in muscles, liver and gonad of fish species from São Francisco River of the Paraná Brazilian state by using SR-TXRF technique. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2202-2207.	0.7	19
46	Optimization of the Iron Electro-Coagulation Process of Cr, Ni, Cu, and Zn Galvanization By-Products by Using Response Surface Methodology. <i>Separation Science and Technology</i> , 2012, 47, 688-699.	1.3	19
47	Degradation of ciprofloxacin by the Electrochemical Peroxidation process using stainless steel electrodes. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2855-2864.	3.3	19
48	Assessment of Anthropogenic Impacts on the Water Quality of Marreco River, Brazil, Based on Principal Component Analysis and Toxicological Assays. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	18
49	SACI—a 4€ plastic phoswich array ancillary detector system of a ¹³⁷ I-ray spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 497, 429-439.	0.7	17
50	Potencial de biossorção do zinco pela macrofito <i>egeria densa</i> . <i>Engenharia Sanitaria E Ambiental</i> , 2009, 14, 465-470.	0.1	17
51	Reuse water network synthesis by modified PSO approach. <i>Chemical Engineering Journal</i> , 2012, 183, 198-211.	6.6	17
52	PIXE analysis of chromium phytoaccumulation by the aquatic macrophytes <i>Eichhornia crassipes</i> . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 1153-1157.	0.6	16
53	Assessment of drying temperature of sugarcane bagasse on sorption of reactive blue 5G dye. <i>Fibers and Polymers</i> , 2015, 16, 1646-1656.	1.1	16
54	Two media method for gamma ray attenuation coefficient measurement of archaeological ceramic samples. <i>Applied Radiation and Isotopes</i> , 2000, 53, 1011-1016.	0.7	15

#	ARTICLE	IF	CITATIONS
55	Water quality assessment of Toledo River and determination of metal concentrations by using SR-TXRF technique. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 465-470.	0.7	15
56	EDXRF study of Tupi-Guarani archaeological ceramics. <i>Radiation Physics and Chemistry</i> , 2001, 61, 711-712.	1.4	14
57	Improvement on the concentrated grape juice physico-chemical characteristics by an enzymatic treatment and Membrane Separation Processes. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 423-436.	0.3	14
58	Insights on limits of detection, precision and accuracy in TXRF analysis of trace and major elements in environmental solid suspensions. <i>Applied Radiation and Isotopes</i> , 2018, 137, 80-90.	0.7	14
59	The evaluation of benzene and phenol biodegradation kinetics by applying non-structured models. <i>Water Science and Technology</i> , 2010, 61, 1289-1298.	1.2	12
60	Analysis of metal concentration levels in water, sediment and fish tissues from Toledo municipal lake by applying SR-TXRF technique. <i>Water Science and Technology</i> , 2011, 63, 1506-1512.	1.2	12
61	Binary Adsorption of a Zn(II)-Cu(II) Mixture onto <i>Egeria densa</i> and <i>Eichhornia crassipes</i> : Kinetic and Equilibrium Data Modeling by PSO. <i>Separation Science and Technology</i> , 2012, 47, 875-885.	1.3	12
62	Pollutant removal and biodegradation assessment of tannery effluent treated by conventional Fenton oxidation process. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7070-7079.	3.3	12
63	Statistical optimization of the photo-Fenton operational parameters with in situ ferrioxalate induction in the treatment of textile effluent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 385, 112095.	2.0	12
64	Complex mathematical analysis of photobioreactor system. <i>Engineering in Life Sciences</i> , 2019, 19, 844-859.	2.0	12
65	Insights into brewery wastewater treatment by the electro-Fenton hybrid process: How to get a significant decrease in organic matter and toxicity. <i>Chemosphere</i> , 2021, 263, 128367.	4.2	12
66	Rotational structures in ^{107}Ag . <i>Physical Review C</i> , 1997, 55, 1548-1550.	1.1	11
67	High-spin state spectroscopy in ^{143}Tb . <i>Physical Review C</i> , 1999, 60, .	1.1	11
68	Evaluation of hybrid neutralization/biosorption process for zinc ions removal from automotive battery effluent by dolomite and fish scales. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2373-2388.	1.2	11
69	OTIMIZAÇÃO DO PROCESSO FOTO-FENTON UTILIZANDO IRRADIAÇÃO ARTIFICIAL NA DEGRADAÇÃO DO EFLUENTE TÊXTIL SINTÉTICO. <i>Engvista</i> , 2010, 12, .	0.1	11
70	Rotational bands and shape changes in ^{105}Rh . <i>Physical Review C</i> , 1997, 55, 2787-2793.	1.1	10
71	Adsorption of Zn(II) and Cd(II) ions in batch system by using the <i>Eichhornia crassipes</i> . <i>Water Science and Technology</i> , 2011, 64, 1857-1863.	1.2	10
72	Assessment of metal sorption mechanisms by aquatic macrophytes using PIXE analysis. <i>Journal of Hazardous Materials</i> , 2013, 261, 148-154.	6.5	10

#	ARTICLE	IF	CITATIONS
73	Remoção dos metais pesados Cd(II), Cu(II) e Zn(II) pelo processo de biossorção utilizando a macrófita <i>Eichhornia crassipes</i> . Revista Escola De Minas, 2013, 66, 355-362.	0.1	10
74	ESTUDO DA TOXICIDADE DE EFLUENTE TÊXTIL TRATADO POR FOTO-FENTON ARTIFICIAL UTILIZANDO AS ESPÉCIES LACTUCA SATIVA E ARTEMIA SALINA. Engevista, 2012, 14, .	0.1	10
75	Potential of <i>Salvinia auriculata</i> biomass as biosorbent of the Cr(III): directed chemical treatment, modeling and sorption mechanism study. Environmental Technology (United Kingdom), 2017, 38, 1474-1488.	1.2	9
76	Multi-component mathematical model based on mass transfer coefficients for prediction of the Zn and Cd ions biosorption data by <i>E. densa</i> in a continuous system. Journal of Environmental Chemical Engineering, 2018, 6, 5141-5149.	3.3	9
77	Inhibition Effect on the <i>Allium cepa</i> L. Root Growth When Using Hexavalent Chromium-Doped River Waters. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 767-771.	1.3	8
78	A mathematical approach based on the Nernst-Planck equation for the total electric voltage demanded by the electrocoagulation process: Effects of a time-dependent electrical conductivity. Chemical Engineering Science, 2020, 220, 115626.	1.9	8
79	Silver Nanoparticles Bioaccumulation by Aquatic Macrophyte <i>Salvinia auriculata</i> . Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	8
80	High-spin state spectroscopy of ^{143}Dy . Physical Review C, 2000, 62, .	1.1	7
81	SR-TXRF detection limit reduction using thin polymer film substrates. Brazilian Journal of Physics, 2004, 34, 970-972.	0.7	7
82	Removal Performance, Antibacterial Effects, and Toxicity Assessment of Ciprofloxacin Treated by the Electrocoagulation Process. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	7
83	Insights on the criteria of selection of vegetable and mineral dielectric fluids used in power transformers on the basis of their biodegradability and toxicity assessments. Chemosphere, 2018, 199, 312-319.	4.2	7
84	Influence of valence neutron configuration on quadrupole deformation in doubly-odd ^{134}Pr . Physical Review C, 1998, 58, R1367-R1371.	1.1	6
85	Trace element concentration in São Francisco River water using STXRF and PIXE techniques. Brazilian Journal of Physics, 2005, 35, 757.	0.7	6
86	Trace element concentrations from São Francisco River - PR analyzed with PIXE technique. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 727-731.	0.7	6
87	Influence of lead-doped hydroponic medium on the adsorption/bioaccumulation processes of lead and phosphorus in roots and leaves of the aquatic macrophyte <i>Eichhornia crassipes</i> . Journal of Environmental Management, 2013, 130, 199-206.	3.8	6
88	First allowed bandcrossing in neutron deficient nucleus ^{141}Tb . Brazilian Journal of Physics, 2004, 34, 1002-1004.	0.7	6
89	UTILIZAÇÃO DA MACRÓFITA <i>EGERIA Densa</i> NA BIOSORÇÃO DO CORANTE REATIVO 5G. Engevista, 2011, 13, 0.1		6
90	Lifetime measurements in ^{135}Pr . Physical Review C, 1998, 58, 3726-3729.	1.1	5

#	ARTICLE	IF	CITATIONS
91	Hydraulic conductivity of undeformed soil columns by gamma ray transmission. Radiation Physics and Chemistry, 2001, 61, 693-695.	1.4	5
92	Elements concentration analysis in groundwater from the North Serra Geral aquifer in Santa Helena-Brazil using SR-TXRF spectrometer. Water Science and Technology, 2012, 66, 1029-1035.	1.2	5
93	Soybean plant-based toxicity assessment and phytoremediation of soils contaminated by vegetable and mineral oils used in power electrical transformers. Chemosphere, 2018, 197, 228-240.	4.2	5
94	Use of the β -Cyclodextrin Additive as a Good Alternative for the Substitution of Environmentally Harmful Additives in Industrial Dyeing Processes. Fibers and Polymers, 2020, 21, 1266-1274.	1.1	5
95	New insights into the improvement of electrocoagulation performance on the basis of a time-integrated performance index: The pivotal role of electrical conductivity. Journal of Environmental Chemical Engineering, 2020, 8, 103902.	3.3	5
96	ESTUDO DA CINÉTICA E DO EQUILÍBRIO DE ADSORÇÃO DOS CORANTES AZUL TURQUESA QG E AMARELO REATIVO 3R EM CARVÃO ATIVADO. Engenharia, 2012, 14, .	0.1	5
97	Lifetime measurements in ^{133}Ce . Physical Review C, 1997, 55, 2105-2108.	1.1	4
98	The $h_{11/2}$ – $h_{11/2}$ yrast band in odd-odd ^{140}Tb . Physical Review C, 2000, 62, .	1.1	4
99	Thin and thick target PIXE analyses to assess the mechanism of Cu^{2+} removal by <i>Egeria densa</i> . Applied Radiation and Isotopes, 2013, 82, 1-6.	0.7	4
100	Groundwater quality monitoring of the Serra Geral aquifer in Toledo, Brazil. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 1243-1252.	0.9	4
101	Tilapia scales: characterization and study of Cu(II) removal by ion exchange with Ca(II) . Separation Science and Technology, 2020, 55, 186-198.	1.3	4
102	Avaliação da eficiência da técnica de Eletro-floculação no tratamento de efluentes de indústrias de subprodutos avícolas. Estudos Tecnológicos Em Engenharia, 2010, 6, 36-47.	0.1	4
103	POTENCIAL BIOTECNOLÓGICO DE RIZOBACTÉRIAS PROMOTORAS DE CRESCIMENTO DE PLANTAS NO CULTIVO DE MILHO E SOJA. Engenharia, 2017, 19, 890.	0.1	4
104	ANALYSIS OF A WETLAND SYSTEM IN THE POST-TREATMENT OF WASTEWATER. Revista Brasileira De Energias Renováveis, 2014, 3, .	0.1	3
105	An assessment of landfill leachate influences on water quality in the Boi Piguã river basin (Paraná, TJ). Environmental Monitoring and Assessment, 2013, 183, 1-13.	0.784314	3
106	ELEVADAS CONCENTRAÇÕES DE METAIS EM ÁGUAS DO CARRREGO SÃO JOSÉ, CASCAVEL (PR), E POSSÍVEIS RISCOS À SAÚDE. Saúde e Pesquisa, 2019, 12, 51.	0.0	3
107	Aplicação da técnica de eletrocoagulação no tratamento de efluentes de abatedouro de aves. Engenharia Sanitaria E Ambiental, 2017, 22, 571-578.	0.1	2
108	High performance on the moisture reduction in waste oils by a bentonite-based adsorption process. Environmental Technology (United Kingdom), 2021, 42, 3338-3347.	1.2	2

#	ARTICLE	IF	CITATIONS
109	Intoxicações de mercúrio e chumbo com maior prevalência em crianças e trabalhadores no Paraná. Cadernos Saude Coletiva, 0, , .	0.2	2
110	AVALIAÇÃO DO DESEMPENHO DE UM SISTEMA DE TRATAMENTO UTILIZANDO OS PROCESSOS ELETROCOAGULAÇÃO E FOTO-FENTON INTEGRADOS NO TRATAMENTO DE UM EFLUENTE TÊXTIL. Engenharia, 2014, 16, 420.	0.1	2
111	ASSESSMENT OF KINETICS, EQUILIBRIUM AND THERMODYNAMICS OF BLACK KROM KJR DYE ADSORPTION ONTO AQUATIC MACROPHYTE Pistia stratiote. Environmental Engineering and Management Journal, 2018, 17, 2587-2595.	0.2	2
112	TRATAMENTO DE EFLUENTE DE CROMAGEM POR ELETROCOAGULAÇÃO COM ELETRODO DE AÇO INOXIDÁVEL E ELETRODO MISTO DE AÇO INOXIDÁVEL E ALUMÍNIO.. Engenharia, 2013, 15, .	0.1	2
113	Effect of elemental composition assigned to antropogenic pollution on the quality of the water and sediment of the Marrecas river (PR, Brazil) as highlighted by multivariate statistical analyses. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, 57, 139-153.	0.9	2
114	Synthesis of Multicomponent Reuse Water Networks by PSO Approach. Lecture Notes in Computer Science, 2014, , 282-294.	1.0	1
115	ESTUDO DA CINÉTICA E DO EQUILÍBRIO DE ADSORÇÃO DO CORANTE AZUL REATIVO 5G PELO ADSORVENTE DOWEX, OPTIPOR, SD-2 (EQUILIBRIUM AND KINETIC STUDIES OF REACTIVE BLUE 5G DYE ADSORPTION ON). Engenharia, 2011, 13, 1078-1083.	0.1	0
116	High Spin States in 143Gd. EPJ Direct, 2000, 1, 1-5.	0.1	0
117	A PIXE Study of Trace Elements in Sediments of Toledo River, Paraná, Brazil. , 2009, , .		0
118	Biosorption of the reactive blue 5G dye in a fixed bed column packed with orange bagasse: experimental and mathematical modelling. Separation Science and Technology, 0, , 150527095459001.	1.3	0
119	INTEGRAÇÃO ENERGÉTICA DA ETAPA DE EXTRAÇÃO DE ÓLEO DE SOJA UTILIZANDO ANÁLISE PINCH. Engenharia, 2011, 13, .	0.1	0
120	MODELAGEM E SIMULAÇÃO DE SISTEMAS DE REFRIGERAÇÃO POR ABSORÇÃO. Engenharia, 2012, 14, .	0.1	0
121	APLICAÇÃO DO PLANEJAMENTO EXPERIMENTAL NO MÓDULO DE ELETRO-COAGULAÇÃO PARA A REMOÇÃO DE MATÉRIA ORGÂNICA DE EFLUENTES FRIGORÍFICOS. Engenharia, 2012, 14, .	0.1	0
122	TRATAMENTO ENZIMÁTICO DA POLPA DE UVA NO PROCESSO DE PRODUÇÃO DE SUCO DE UVA. Engenharia, 2013, 15, 51.	0.1	0
123	Análise de morbidade de população residente na Bacia do Córrego Bezerra com evidências de poluição por metais, Cascavel - PR. Espaço Para A Saúde - Revista De Saúde Pública Do Paraná, 2017, 18, 117.	0.3	0