Abdeltif Amrane

List of Publications by Year
in descending order

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284	7,795	50276	95266
papers	citations	46 h-index	68 g-index

285	285	285	7056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental study and kinetic modelling of bioethanol production from industrial potato waste. Biomass Conversion and Biorefinery, 2024, 14, 7735-7741.	4.6	2
2	Temporal distribution and zoning of nitrate and fluoride concentrations in Behbahan drinking water distribution network and health risk assessment by using sensitivity analysis and Monte Carlo simulation. International Journal of Environmental Analytical Chemistry, 2023, 103, 3163-3180.	3.3	20
3	Statistical physics modelling of azo dyes biosorption onto modified powder of Acorus calamus in batch reactor. Biomass Conversion and Biorefinery, 2023, 13, 1013-1028.	4.6	5
4	Single-step and two-step syntheses of magnetic carbons from coffee residue: elimination of sulfamethazine by adsorption. International Journal of Environmental Science and Technology, 2023, 20, 755-768.	3.5	2
5	Effect of light intensity and wavelength on nitrogen and phosphate removal from municipal wastewater by microalgae under semi-batch cultivation. Environmental Technology (United Kingdom), 2022, 43, 1352-1358.	2.2	15
6	Peroxidase enzymes as green catalysts for bioremediation and biotechnological applications: A review. Science of the Total Environment, 2022, 806, 150500.	8.0	59
7	Improvement of the biodegradability of diatrizoate by electroreduction of its amido groups. Separation and Purification Technology, 2022, 285, 120317.	7.9	1
8	Interfacial coupling effects on adsorptive and photocatalytic performances for photoresponsive graphene-wrapped SrTiO3@Ag under UVâ€“visible light: experimental and DFT approach. Environmental Science and Pollution Research, 2022, 29, 28098-28114.	5.3	10
9	Heterogeneous degradation of amoxicillin in the presence of synthesized alginate-Fe beads catalyst by the electro-Fenton process using a graphite cathode recovered from used batteries. Water Science and Technology, 2022, 85, 1840-1854.	2.5	6
10	Predicting the concentration of sulfate using machine learning methods. Earth Science Informatics, 2022, 15, 1023-1044.	3.2	16
11	Modeling the organic matter of water using the decision tree coupled with bootstrap aggregated and least-squares boosting. Environmental Technology and Innovation, 2022, 27, 102419.	6.1	20
12	Bismuth Sillenite Crystals as Recent Photocatalysts for Water Treatment and Energy Generation: A Critical Review. Catalysts, 2022, 12, 500.	3.5	30
13	An Overview of the Valorization of Aquatic Plants in Effluent Depuration through Phytoremediation Processes. Applied Microbiology, 2022, 2, 309-318.	1.6	7
14	Removal of a Mixture of Seven Volatile Organic Compounds (VOCs) Using an Industrial Pilot-Scale Process Combining Absorption in Silicone Oil and Biological Regeneration in a Two-Phase Partitioning Bioreactor (TPPB). Energies, 2022, 15, 4576.	3.1	3
15	Impact of bubble size on docosahexaenoic acid production by Crypthecodinium cohnii in bubble column bioreactor. Biomass Conversion and Biorefinery, 2021, 11, 1137-1144.	4.6	3
16	Biosorption characteristics of methylene blue dye by two fungal biomasses. International Journal of Environmental Studies, 2021, 78, 365-381.	1.6	20
17	Kinetic degradation of amoxicillin by using the electro-Fenton process in the presence of a graphite rods from used batteries. Chinese Journal of Chemical Engineering, 2021, 32, 183-190.	3.5	23
18	Combining photocatalytic process and biological treatment for Reactive Green 12 degradation: optimization, mineralization, and phytotoxicity with seed germination. Environmental Science and Pollution Research, 2021, 28, 12490-12499.	5.3	34

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19	Novel Fe2TiO5/reduced graphene oxide heterojunction photocatalyst with improved adsorption capacity and visible light photoactivity: experimental and DFT approach. Environmental Science and Pollution Research, 2021, 28, 8507-8519.	5.3	16
20	Bio-based and cost effective method for phenolic compounds removal using cross-linked enzyme aggregates. Journal of Hazardous Materials, 2021, 403, 124021.	12.4	26
21	Innovative sequential combination of fixed bed adsorption/desorption and photocatalysis cost-effective process to remove antibiotics in solution. Progress in Organic Coatings, 2021, 151, 106014.	3.9	11
22	Artificial neural network modeling of cefixime photodegradation by synthesized CoBi2O4 nanoparticles. Environmental Science and Pollution Research, 2021, 28, 15436-15452.	5.3	45
23	A comparative study of ceramic nanoparticles synthesized for antibiotic removal: catalysis characterization and photocatalytic performance modeling. Environmental Science and Pollution Research, 2021, 28, 13900-13912.	5.3	39
24	Central composite design applied to paracetamol degradation by heat-activated peroxydisulfate oxidation process and its relevance as a pretreatment prior to a biological treatment. Environmental Technology (United Kingdom), 2021, 42, 905-913.	2.2	15
25	A Grey Wolf Optimizer-based Fractional Calculus in Studies on Solar Drying. Kemija U Industriji, 2021, 70, 39-47.	0.3	2
26	Platform molecule from sustainable raw materials; case study succinic acid. Brazilian Journal of Chemical Engineering, 2021, 38, 215-239.	1.3	8
27	Effect of mixed culture of yeast and microalgae on acetyl-CoA carboxylase and Glycerol-3-phosphate acyltransferase expression. Journal of Bioscience and Bioengineering, 2021, 131, 364-372.	2.2	11
28	Synthesis and Characterization of ZnBi2O4 Nanoparticles: Photocatalytic Performance for Antibiotic Removal under Different Light Sources. Applied Sciences (Switzerland), 2021, 11, 3975.	2.5	39
29	A New Approach to Produce Succinic Acid Through a Co-Culture System. Applied Biochemistry and Biotechnology, 2021, 193, 2872-2892.	2.9	8
30	Metallic nanoparticles for electrocatalytic reduction of halogenated organic compounds: A review. Electrochimica Acta, 2021, 377, 138039.	5.2	20
31	Innovative photocatalytic luminous textiles optimized towards water treatment: Performance evaluation of photoreactors. Chemical Engineering Journal, 2021, 416, 129195.	12.7	12
32	Photocatalytic Treatment of Wastewater Containing Simultaneous Organic and Inorganic Pollution: Competition and Operating Parameters Effects. Catalysts, 2021, 11, 855.	3.5	19
33	Volatile organic compounds absorption in a structured packing fed with waste oils: Experimental and modeling assessments. Chemical Engineering Science, 2021, 238, 116598.	3.8	14
34	Well Knowledge of the Physiology of Actinobacillus succinogenes to Improve Succinic Acid Production. Applied Microbiology, 2021, 1, 304-328.	1.6	6
35	Bottom-up construction of reduced-graphene-oxide-anchored spinel magnet Fe2.02Ni1.01O3.22, anatase TiO2 and metallic Ag nanoparticles and their synergy in photocatalytic water reduction. Journal of Environmental Chemical Engineering, 2021, 9, 105307.	6.7	9
36	A novel system coupling an electro-Fenton process and an advanced biological process to remove a pharmaceutical compound, metronidazole. Journal of Hazardous Materials, 2021, 415, 125705.	12.4	40

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37	Reconsideration of the contribution of photogenerated ROS in methyl orange degradation on TiO2, Cu2O, WO3, and Bi2O3 under low-intensity simulated solar light: mechanistic understanding of photocatalytic activity. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	1.3	6
38	A mathematical model for VOCs removal in a treatment process coupling absorption and biodegradation. Chemical Engineering Journal, 2021, 423, 130106.	12.7	26
39	Treatment of dairy wastewater by electrocoagulation using A-U4G (2017-Al) alloy and pure aluminum as electrode material. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	1.3	7
40	Review: Clay-Modified Electrodes in Heterogeneous Electro-Fenton Process for Degradation of Organic Compounds: The Potential of Structural Fe(III) as Catalytic Sites. Materials, 2021, 14, 7742.	2.9	4
41	A Review of the Use of Semiconductors as Catalysts in the Photocatalytic Inactivation of Microorganisms. Catalysts, 2021, 11, 1498.	3.5	26
42	Iron oxide nanoparticles as heterogeneous electro-Fenton catalysts for the removal of AR18 azo dye. Environmental Technology (United Kingdom), 2020, 41, 2146-2153.	2.2	19
43	Alachlor dechlorination prior to an electro-Fenton process: Influence on the biodegradability of the treated solution. Separation and Purification Technology, 2020, 232, 115936.	7.9	34
44	Synthesis of novel biocomposite powder for simultaneous removal of hazardous ciprofloxacin and methylene blue: Central composite design, kinetic and isotherm studies using Brouers-Sotolongo family models. Journal of Hazardous Materials, 2020, 387, 121675.	12.4	77
45	Molecular dynamic simulation and DFT computational studies on the adsorption performances of methylene blue in aqueous solutions by orange peel-modified phosphoric acid. Journal of Molecular Structure, 2020, 1202, 127290.	3.6	77
46	Intensified Photocatalytic Degradation of Solophenyl Scarlet BNLE in Simulated Textile Effluents Using TiO2 Supported on Cellulosic Tissue. International Journal of Chemical Reactor Engineering, 2020, 18, .	1.1	0
47	Linoleic-acid-enhanced astaxanthin content of Chlorella sorokiniana (Chlorophyta) under normal and light shock conditions. Phycologia, 2020, 59, 54-62.	1.4	7
48	An effective toluene removal from wasteâ€air by a simple process based on absorption in silicone oil (PDMS) and crossâ€linked Brassica rapa peroxidase (BRPâ€CLEAs) catalysis in organic medium: Optimization with RSM. Environmental Progress and Sustainable Energy, 2020, 39, e13381.	2.3	2
49	The use of encapsulation as a proposed solution to avoid problems encountered with conventional materials in powder form: Application in methylene blue removal from aqueous solutions. Journal of Molecular Liquids, 2020, 316, 113841.	4.9	7
50	Experimental evaluation and modeling of the hydrodynamics in structured packing operated with viscous waste oils. Chemical Engineering Research and Design, 2020, 162, 273-283.	5.6	2
51	Integration of photocatalysis with biological process for removal of tetracycline from water. International Journal of Environmental Engineering, 2020, 10, 393.	0.1	0
52	Electrochemical Processes Coupled to a Biological Treatment for the Removal of Iodinated X-ray Contrast Media Compounds. Frontiers in Chemistry, 2020, 8, 646.	3.6	11
53	Nickel foam as a new material for chlortetracycline electrochemical oxidation: Biodegradability improvement and biological treatment. Journal of Electroanalytical Chemistry, 2020, 878, 114543.	3.8	6
54	Paracetamol degradation by photo-activated peroxydisulfate process (UV/PDS): kinetic study and optimization using central composite design. Water Science and Technology, 2020, 82, 1404-1415.	2.5	12

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55	Sulfamethazine degradation by heterogeneous photocatalysis with ZnO immobilized on a glass plate using the heat attachment method and its impact on the biodegradability. Reaction Kinetics, Mechanisms and Catalysis, 2020, 131, 471-487.	1.7	11
56	Carbon and nitrogen removal from a synthetic dairy effluent in a vertical-flow fixed bed bioreactor. Bioresource Technology Reports, 2020, 12, 100581.	2.7	5
57	Separation of silicone oil droplets dispersed in activated sludge. Separation Science and Technology, 2020, 55, 2369-2380.	2.5	6
58	Use of hydrocarbons sludge as a substrate for the production of biosurfactants by Pseudomonas aeruginosa ATCC 27853. Environmental Monitoring and Assessment, 2020, 192, 287.	2.7	5
59	Liquid-liquid extraction and simultaneously spectrophotometric determination of Co (II) and W (VI) using crown ether (DB-18-C6) in aqueous media and in high speed steel. International Journal of Environmental Analytical Chemistry, 2020, , 1-11.	3.3	1
60	QSAR Approaches and Ecotoxicological Risk Assessment. Methods in Pharmacology and Toxicology, 2020, , 615-638.	0.2	0
61	Enoxacin degradation by photo-Fenton process combined with a biological treatment: optimization and improvement of by-products biodegradability. International Journal of Environmental Science and Technology, 2019, 16, 655-666.	3.5	9
62	Heterogeneous Fenton like degradation of olive Mill wastewater using ozone in the presence of BiFeO3 photocatalyst. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 383, 112012.	3.9	29
63	ISOLATION AND IDENTIFICATION OF YEAST STRAINS FROM SUGARCANE MOLASSES, DATES AND FIGS FOR ETHANOL PRODUCTION UNDER CONDITIONS SIMULATING ALGAL HYDROLYSATE. Brazilian Journal of Chemical Engineering, 2019, 36, 157-169.	1.3	18
64	Electro Fenton removal of clopyralid in soil washing effluents. Chemosphere, 2019, 237, 124447.	8.2	16
65	Low-Cost Photo-Fenton-Like Process for the Removal of Synthetic Dye in Aqueous Solution at Circumneutral pH. Arabian Journal for Science and Engineering, 2019, 44, 9859-9867.	3.0	3
66	Photocatalytic Performance of CuxO/TiO2 Deposited by HiPIMS on Polyester under Visible Light LEDs: Oxidants, Ions Effect, and Reactive Oxygen Species Investigation. Materials, 2019, 12, 412.	2.9	49
67	Effect of linoleic acid and methyl jasmonate on astaxanthin content of Scenedesmus acutus and Chlorella sorokiniana under heterotrophic cultivation and salt shock conditions. Journal of Applied Phycology, 2019, 31, 2811-2822.	2.8	13
68	Development of a new cathode for the electro-Fenton process combining carbon felt and iron-containing organicâ€“inorganic hybrids. Comptes Rendus Chimie, 2019, 22, 238-249.	0.5	10
69	Prediction of thermal conductivity of liquid and vapor refrigerants for pure and their binary, ternary mixtures using artificial neural network. Thermophysics and Aeromechanics, 2019, 26, 561-579.	0.5	4
70	A New Mgâ€“Alâ€“Cuâ€“Fe-LDH Composite to Enhance the Adsorption of Acid Red 66 Dye: Characterization, Kinetics and Isotherm Analysis. Arabian Journal for Science and Engineering, 2019, 44, 5245-5261.	3.0	19
71	Assessment of VOC absorption in hydrophobic ionic liquids: Measurement of partition and diffusion coefficients and simulation of a packed column. Chemical Engineering Journal, 2019, 360, 1416-1426.	12.7	73
72	Batch Adsorption of Synthetic Dye by Maclura Pomifera, a New Eco-Friendly Waste Biomass: Experimental Studies and Modeling. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	2

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73	A combination of absorption and enzymatic biodegradation: phenol elimination from aqueous and organic phase. Environmental Technology (United Kingdom), 2019, 40, 625-632.	2.2	10
74	High efficiency of methylene blue removal using a novel low-cost acid treated forest wastes, Cupressus semperirens cones: Experimental results and modeling. Particulate Science and Technology, 2019, 37, 504-513.	2.1	9
75	Cationic Surfactant-modified Clay as an Adsorbent for the Removal of Synthetic Dyes from Aqueous Solutions. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	24
76	Successful Biodegradation of a Refractory Pharmaceutical Compound by an Indigenous Phenol-Tolerant Pseudomonas aeruginosa Strain. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	16
77	Reactive oxygen and iron species monitoring to investigate the electro-Fenton performances. Impact of the electrochemical process on the biodegradability of metronidazole and its by-products. Chemosphere, 2018, 199, 486-494.	8.2	43
78	Electro-Fenton catalyzed with magnetic chitosan beads for the removal of Chlordimeform insecticide. Applied Catalysis B: Environmental, 2018, 226, 346-359.	20.2	89
79	The combination of photocatalysis process (UV/TiO₂(P25) and UV/ZnO) with activated sludge culture for the degradation of sulfamethazine. Separation Science and Technology, 2018, 53, 1423-1433.	2.5	28
80	Physicochemical properties of some hydrophobic roomâ€temperature ionic liquids applied to volatile organic compounds biodegradation processes. Journal of Chemical Technology and Biotechnology, 2018, 93, 215-223.	3.2	14
81	Adsorption of Congo Red Dye from Aqueous Solutions by Montmorillonite as a Low-cost Adsorbent. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	14
82	Impact of $$hbox {TiO}_{2}$$ TiO 2 â€“Cation Exchange Resin Composite on the Removal of Ethyl Violet. Arabian Journal for Science and Engineering, 2018, 43, 2451-2463.	3.0	6
83	QSAR modeling in ecotoxicological risk assessment: application to the prediction of acute contact toxicity of pesticides on bees (Apis mellifera L.). Environmental Science and Pollution Research, 2018, 25, 896-907.	5.3	37
84	The feasibility of combining an electrochemical treatment on a carbon felt electrode and a biological treatment for the degradation of tetracycline and tylosin â€“ application of the experimental design methodology. Separation Science and Technology, 2018, 53, 337-348.	2.5	18
85	Enhancement of ethanol production from synthetic medium model of hydrolysate of macroalgae. Renewable Energy, 2018, 124, 3-10.	8.9	15
86	Impact of activated sludge acclimation on the biodegradation of toluene absorbed in a hydrophobic ionic liquid. International Journal of Environmental Science and Technology, 2018, 15, 621-630.	3.5	2
87	Characterization and selection of waste oils for the absorption and biodegradation of VOC of different hydrophobicities. Chemical Engineering Research and Design, 2018, 138, 482-489.	5.6	43
88	Molecular modeling of cationic dyes adsorption on agricultural Algerian olive cake waste. Journal of Molecular Liquids, 2018, 264, 127-133.	4.9	46
89	Reactive species monitoring and their contribution for removal of textile effluent with photocatalysis under UV and visible lights: Dynamics and mechanism. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 365, 94-102.	3.9	45
90	Metronidazole removal by means of a combined system coupling an electro-Fenton process and a conventional biological treatment: By-products monitoring and performance enhancement. Journal of Hazardous Materials, 2018, 359, 85-95.	12.4	66

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91	Enhanced docosahexaenoic acid production by Crypthecodinium cohnii under combined stress in two-stage cultivation with date syrup based medium. Algal Research, 2018, 34, 75-81.	4.6	18
92	Computational study of acid blue 80 dye adsorption on low cost agricultural Algerian olive cake waste: Statistical mechanics and molecular dynamic simulations. Journal of Molecular Liquids, 2018, 271, 40-50.	4.9	34
93	Effect of acid and alkali treatments of a forest waste, Pinus brutia cones, on adsorption efficiency of methyl green. Journal of Dispersion Science and Technology, 2017, 38, 463-471.	2.4	10
94	Anti-inflammatory activity of essential oil of an endemicThymus fontanesiiBoiss. & Reut. with chemotype carvacrol, and its healing capacity on gastric lesions. Journal of Food Biochemistry, 2017, 41, e12359.	2.9	9
95	Removal of hydrogen sulfide in air using cellular concrete waste: Biotic and abiotic filtrations. Chemical Engineering Journal, 2017, 319, 268-278.	12.7	28
96	Direct and indirect electrochemical reduction prior to a biological treatment for dimetridazole removal. Journal of Hazardous Materials, 2017, 335, 10-17.	12.4	44
97	Combination of the Electro/Fe3+/peroxydisulfate (PDS) process with activated sludge culture for the degradation of sulfamethazine. Environmental Toxicology and Pharmacology, 2017, 53, 34-39.	4.0	34
98	Integration of Adsorption and Photocatalytic Degradation of Methylene Blue Using $$hbox {TiO}_{2}$$ TiO 2 Supported on Granular Activated Carbon. Arabian Journal for Science and Engineering, 2017, 42, 1475-1486.	3.0	24
99	Efficiency of DMSO as hydroxyl radical probe in an Electrochemical Advanced Oxidation Process â˜' Reactive oxygen species monitoring and impact of the current density. Electrochimica Acta, 2017, 246, 1-8.	5.2	48
100	Toluene degradation by a water/silicone oil mixture for the design of Two Phase Partitioning Bioreactors. Chinese Journal of Chemical Engineering, 2017, 25, 1512-1518.	3.5	11
101	Sulfamethazine removal by means of a combined process coupling an oxidation pretreatment and activated sludge culture â€“ preliminary results. Environmental Technology (United Kingdom), 2017, 38, 2684-2690.	2.2	10
102	Photocatalytic performance of TiO 2 impregnated polyester for the degradation of Reactive Green 12: Implications of the surface pretreatment and the microstructure. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 493-501.	3.9	25
103	Identification of strain isolated from dates (PhÅ“nix dactylifera L.) for enhancing very high gravity ethanol production. Environmental Science and Pollution Research, 2017, 24, 9886-9894.	5.3	13
104	Toluene degradation in a two-phase partitioning bioreactor involving a hydrophobic ionic liquid as a non-aqueous phase liquid. International Biodeterioration and Biodegradation, 2017, 117, 31-38.	3.9	22
105	Environmental Toxicity of Pesticides, and Its Modeling by QSAR Approaches. Challenges and Advances in Computational Chemistry and Physics, 2017, , 471-501.	0.6	7
106	Preparation of Silverâ€Modified Nickel Foams by Galvanic Displacement and Their Use as Cathodes for the Reductive Dechlorination of Herbicides. ChemElectroChem, 2016, 3, 2084-2092.	3.4	27
107	Characterization and selection of PDMS solvents for the absorption and biodegradation of hydrophobic <scp>VOCs</scp>. Journal of Chemical Technology and Biotechnology, 2016, 91, 1923-1927.	3.2	17
108	Adsorptive removal of amoxicillin from wastewater using wheat grains: equilibrium, kinetic, thermodynamic studies and mass transfer. Desalination and Water Treatment, 2016, 57, 27035-27047.	1.0	27

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109	Biofiltration of H 2 S in airâ€"Experimental comparisons of original packing materials and modeling. Biochemical Engineering Journal, 2016, 112, 153-160.	3.6	26
110	A new bipyridyl cobalt complex for reductive dechlorination of pesticides. Electrochimica Acta, 2016, 207, 313-320.	5.2	30
111	Richness of drilling sludge taken from an oil field quagmire: potentiality and environmental interest. International Journal of Environmental Science and Technology, 2016, 13, 2427-2436.	3.5	3
112	Activated sludge acclimation for toluene and DEHP degradation in a two-phase partitioning bioreactor. International Journal of Environmental Science and Technology, 2016, 13, 1883-1890.	3.5	3
113	Photocatalytic Degradation of Oxytetracycline in Aqueous Solutions with TiO₂in Suspension and Prediction by Artificial Neural Networks. International Journal of Chemical Kinetics, 2016, 48, 464-473.	1.6	14
114	Photocatalytic Reactors Dedicated to the Degradation of Hazardous Organic Pollutants: Kinetics, Mechanistic Aspects, and Design â€“ A Review. Chemical Engineering Communications, 2016, 203, 1415-1431.	2.6	65
115	Removal of phenolic compounds from olive mill wastewater by a Fenton-like system H₂O₂/Cu(II)â€"thermodynamic and kinetic modeling. Desalination and Water Treatment, 2016, 57, 1874-1879.	1.0	18
116	Enhancement of the biodegradability of a mixture of dyes (methylene blue and basic yellow 28) using the electrochemical process on a glassy carbon electrode. Desalination and Water Treatment, 2016, 57, 12316-12323.	1.0	12
117	Electrocatalytic reduction of metronidazole using titanocene/NafionÂ®-modified graphite felt electrode. Electrochimica Acta, 2016, 191, 821-831.	5.2	15
118	Removal of the anionic dye Biebrich scarlet from water by adsorption to calcined and non-calcined Mgâ€“Al layered double hydroxides. Desalination and Water Treatment, 2016, 57, 22061-22073.	1.0	28
119	Synthesis and toxicity evaluation of hydrophobic ionic liquids for volatile organic compounds biodegradation in a two-phase partitioning bioreactor. Journal of Hazardous Materials, 2016, 307, 221-230.	12.4	30
120	Absorption of toluene in silicone oil: Effect of the solvent viscosity on hydrodynamics and mass transfer. Chemical Engineering Research and Design, 2016, 109, 32-40.	5.6	24
121	Artificial neural network-based equation to predict the toxicity of herbicides on rats. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 7-15.	3.5	31
122	A new combined green method for 2-Chlorophenol removal using cross-linked Brassica rapa peroxidase in silicone oil. Chemosphere, 2016, 148, 55-60.	8.2	12
123	Novel activated carbon prepared from an agricultural waste,Stipa tenacissima, based on ZnCl₂activationâ€"characterization and application to theÂremoval of methylene blue. Desalination and Water Treatment, 2016, 57, 24056-24069.	1.0	27
124	Dark fermentative hydrogen production by anaerobic sludge growing on glucose and ammonium resulting from nitrate electroreduction. International Journal of Hydrogen Energy, 2016, 41, 5445-5455.	7.1	39
125	Degradation of enoxacin antibiotic by the electro-Fenton process: Optimization, biodegradability improvement and degradation mechanism. Journal of Environmental Management, 2016, 165, 96-105.	7.8	97
126	Application of shrinking core model to the adsorption of oxytetracycline onto peanut hull-derived activated carbon in a closed-loop fixed-bed reactor. Desalination and Water Treatment, 2016, 57, 14304-14314.	1.0	9

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127	A Quantitative Structure Activity Relationship for acute oral toxicity of pesticides on rats: Validation, domain of application and prediction. Journal of Hazardous Materials, 2016, 303, 28-40.	12.4	71
128	Biofiltration of high concentration of H2S in waste air under extreme acidic conditions. New Biotechnology, 2016, 33, 136-143.	4.4	48
129	Effective heterogeneous electro-Fenton process for the degradation of a malodorous compound, indole, using iron loaded alginate beads as a reusable catalyst. Applied Catalysis B: Environmental, 2016, 182, 47-58.	20.2	99
130	Adsorption of ethyl violet dye in aqueous solution by forest wastes, wild carob. Desalination and Water Treatment, 2016, 57, 9859-9870.	1.0	19
131	Response surface optimization of experimental conditions for carbamazepine biodegradation by Streptomyces MIUG 4.89. New Biotechnology, 2015, 32, 347-357.	4.4	34
132	Removal of a mixture tetracycline-tylosin from water based on anodic oxidation on a glassy carbon electrode coupled to activated sludge. Environmental Technology (United Kingdom), 2015, 36, 1837-1846.	2.2	24
133	Relevance of a hybrid process coupling adsorption and visible light photocatalysis involving a new hetero-system CuCo2O4/TiO2 for the removal of hexavalent chromium. Journal of Environmental Chemical Engineering, 2015, 3, 548-559.	6.7	32
134	Mineralization of synthetic and industrial pharmaceutical effluent containing trimethoprim by combining electro-Fenton and activated sludge treatment. Journal of the Taiwan Institute of Chemical Engineers, 2015, 53, 58-67.	5.3	46
135	Combined process for removal of tetracycline antibiotic â€“ Coupling pre-treatment with a nickel-modified graphite felt electrode and a biological treatment. International Biodeterioration and Biodegradation, 2015, 103, 147-153.	3.9	24
136	Interfacial Structure of Toluene at an Ionic Liquid/Vapor Interface: A Molecular Dynamics Simulation Investigation. Journal of Physical Chemistry C, 2015, 119, 9966-9972.	3.1	13
137	Valorization of an agricultural waste,Stipa tenassicimafibers, by biosorption of an anionic azo dye, Congo red. Desalination and Water Treatment, 2015, 54, 245-254.	1.0	30
138	The use of a forest waste biomass, cone ofPinus brutiafor the removal of an anionic azo dye Congo red from aqueous medium. Desalination and Water Treatment, 2015, 55, 1956-1965.	1.0	22
139	Absorption and biodegradation of toluene: Optimization of its initial concentration and the biodegradable non-aqueous phase liquid volume fraction. International Biodeterioration and Biodegradation, 2015, 104, 350-355.	3.9	23
140	Removal of Amoxicillin Antibiotic from Aqueous Solution Using an Anionic Surfactant. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	20
141	Preparation and characterization of cross-linked enzyme aggregates (CLEAs) of Brassica rapa peroxidase. Biocatalysis and Agricultural Biotechnology, 2015, 4, 208-213.	3.1	27
142	Relevance of a combined process coupling electro-Fenton and biological treatment for the remediation of sulfamethazine solutionsÂâ€“ÂApplication to an industrial pharmaceutical effluent. Comptes Rendus Chimie, 2015, 18, 39-44.	0.5	38
143	Direct electrochemical oxidation of a pesticide, 2,4-dichlorophenoxyacetic acid, at the surface of a graphite felt electrode: Biodegradability improvement. Comptes Rendus Chimie, 2015, 18, 32-38.	0.5	25
144	Photocatalytic degradation of bezacryl yellow in batch reactors â€“ feasibility of the combination of photocatalysis and a biological treatment. Environmental Technology (United Kingdom), 2015, 36, 1-10.	2.2	39

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145	Toluene biodegradation in a solid/liquid system involving immobilized activated sludge and silicone oil as pollutant reservoir. Environmental Technology (United Kingdom), 2015, 36, 450-454.	2.2	2
146	Impact of nutrients supply and pH changes on the elimination of hydrogen sulfide, dimethyl disulfide and ethanethiol by biofiltration. Chemical Engineering Journal, 2014, 258, 420-426.	12.7	44
147	Biohydrogen production by coupling an electrochemical system with a biological treatment. , 2014, , .		0
148	Prediction of Acute Herbicide Toxicity in Rats from Quantitative Structureâ€“Activity Relationship Modeling. Environmental Engineering Science, 2014, 31, 243-252.	1.6	13
149	Combined electrochemical treatment/biological process for the removal of a commercial herbicide solution, U46DÂ®. Separation and Purification Technology, 2014, 132, 704-711.	7.9	28
150	Combination of an electrochemical pretreatment with a biological oxidation for the mineralization of nonbiodegradable organic dyes: Basic yellow 28 dye. Environmental Progress and Sustainable Energy, 2014, 33, 160-169.	2.3	37
151	Removal of tetracycline by electrocoagulation: Kinetic and isotherm modeling through adsorption. Journal of Environmental Chemical Engineering, 2014, 2, 177-184.	6.7	91
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