

Mohamed Chaker Necibi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,319
citations

304602

22
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

4267
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, identification and removal of microplastic particles and fibers in conventional activated sludge process and advanced MBR technology. <i>Water Research</i> , 2018, 133, 236-246.	5.3	781
2	Removal of natural organic matter in drinking water treatment by coagulation: A comprehensive review. <i>Chemosphere</i> , 2018, 190, 54-71.	4.2	508
3	Kinetic and equilibrium studies of methylene blue biosorption by <i>Posidonia oceanica</i> (L.) fibres. <i>Journal of Hazardous Materials</i> , 2007, 139, 280-285.	6.5	289
4	Advanced oxidation processes for the removal of natural organic matter from drinking water sources: A comprehensive review. <i>Journal of Environmental Management</i> , 2018, 208, 56-76.	3.8	276
5	Applicability of some statistical tools to predict optimum adsorption isotherm after linear and non-linear regression analysis. <i>Journal of Hazardous Materials</i> , 2008, 153, 207-212.	6.5	225
6	Optimized removal of antibiotic drugs from aqueous solutions using single, double and multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2015, 298, 102-110.	6.5	133
7	Removal of carbamazepine from MBR effluent by electrochemical oxidation (EO) using a Ti/Ta ₂ O ₅ -SnO ₂ electrode. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 329-338.	10.8	104
8	Optimized removal of oxytetracycline and cadmium from contaminated waters using chemically-activated and pyrolyzed biochars from forest and wood-processing residues. <i>Bioresource Technology</i> , 2017, 239, 28-36.	4.8	99
9	Intercomparison study on commonly used methods to determine microplastics in wastewater and sludge samples. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12109-12122.	2.7	97
10	Assessing membrane fouling and the performance of pilot-scale membrane bioreactor (MBR) to treat real municipal wastewater during winter season in Nordic regions. <i>Science of the Total Environment</i> , 2017, 579, 1289-1297.	3.9	73
11	Optimizing the removal of pharmaceutical drugs Carbamazepine and Dorzolamide from aqueous solutions using mesoporous activated carbons and multi-walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2017, 238, 379-388.	2.3	69
12	Removal and fate of emerging organic micropollutants (EOMs) in municipal wastewater by a pilot-scale membrane bioreactor (MBR) treatment under varying solid retention times. <i>Science of the Total Environment</i> , 2019, 667, 671-680.	3.9	62
13	Investigation of the sorption mechanisms of metal-complexed dye onto <i>Posidonia oceanica</i> (L.) fibres through kinetic modelling analysis. <i>Bioresource Technology</i> , 2008, 99, 5582-5589.	4.8	59
14	Adsorptive removal of cadmium from aqueous solution by cork biomass: Equilibrium, dynamic and thermodynamic studies. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1077-S1083.	2.3	57
15	Optimization of integrated ultrasonic-Fenton system for metal removal and dewatering of anaerobically digested sludge by Box-Behnken design. <i>Science of the Total Environment</i> , 2018, 645, 573-584.	3.9	57
16	As-synthesized multi-walled carbon nanotubes for the removal of ionic and non-ionic surfactants. <i>Journal of Hazardous Materials</i> , 2015, 286, 195-203.	6.5	56
17	Remediation of Emerging Pollutants in Contaminated Wastewater and Aquatic Environments: Biomass-Based Technologies. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1700101.	0.7	41
18	Green synthesis, activation and functionalization of adsorbents for dye sequestration. <i>Environmental Chemistry Letters</i> , 2019, 17, 157-193.	8.3	38

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19	Removal of pharmaceutically active compounds (PhACs) from real membrane bioreactor (MBR) effluents by photocatalytic degradation using composite Ag ₂ O/P-25 photocatalyst. Separation and Purification Technology, 2019, 215, 317-328.	3.9	38
20	Studies on the Biosorption of Textile Dyes from Aqueous Solutions Using Posidonia Oceanica (L.) Leaf Sheath Fibres. Adsorption Science and Technology, 2006, 24, 461-474.	1.5	37
21	Incorporating Submerged MBR in Conventional Activated Sludge Process for Municipal Wastewater Treatment: A Feasibility and Performance Assessment. Journal of Membrane Science & Technology, 2016, 6, .	0.5	33
22	Biosorption of Phenol onto <i>Posidonia oceanica</i> (L.) Seagrass in Batch System: Equilibrium and Kinetic Modelling. Canadian Journal of Chemical Engineering, 2006, 84, 495-500.	0.9	32
23	Effects of aging on the extractability of naphthalene and phenanthrene from Mediterranean soils. Journal of Hazardous Materials, 2007, 146, 378-384.	6.5	19
24	Emerging Pollutants in Moroccan Wastewater: Occurrence, Impact, and Removal Technologies. Journal of Chemistry, 2022, 2022, 1-24.	0.9	19
25	Potential Use of Constructed Wetland Systems for Rural Sanitation and Wastewater Reuse in Agriculture in the Moroccan Context. Energies, 2022, 15, 156.	1.6	19
26	Adsorptive removal of anionic and non-ionic surfactants from aqueous phase using <i>Posidonia oceanica</i> (L.) marine biomass. Journal of Chemical Technology and Biotechnology, 2008, 83, 77-83.	1.6	18
27	Micro/nano-machines for spilled-oil cleanup and recovery: A review. Chemosphere, 2021, 271, 129516.	4.2	18
28	Mesoporous carbonaceous materials for single and simultaneous removal of organic pollutants: Activated carbons vs. carbon nanotubes. Journal of Molecular Liquids, 2015, 207, 237-247.	2.3	17
29	Recent Research and Developments in Biodiesel Production from Renewable Bioresources. Recent Patents on Chemical Engineering, 2014, 6, 184-193.	0.5	13
30	Contaminants of Emerging Concern in African Wastewater Effluents: Occurrence, Impact and Removal Technologies. Sustainability, 2021, 13, 1125.	1.6	12
31	Adsorption d'un colorant textile réactif sur un biosorbant non conventionnel: Les fibres de <i>Posidonia oceanica</i> (L.) delile. Canadian Journal of Chemical Engineering, 2008, 86, 23-29.	0.9	7
32	Étude de la biosorption du chrome (VI) par une biomasse méditerranéenne: <i>Posidonia oceanica</i> (L.) delile. Revue Des Sciences De L'Eau, 0, 21, 441-449.	0.2	6
33	Adsorption de colorant réactif par les fibres de <i>Posidonia oceanica</i> . Journal of Environmental Engineering and Science, 2008, 7, 645-650.	0.3	3
34	Nutrients Enrichment and Process Repercussions in Hybrid Microfiltration Osmotic Membrane Bioreactor: A Guideline for Forward Osmosis Development Based on Lab-Scale Experience. Water (Switzerland), 2020, 12, 1098.	1.2	2
35	Élimination du chrome hexavalent des solutions aqueuses par adsorption sur feuilles brutes de <i>Posidonia oceanica</i> (L.) : cinétiques, équilibres et modélisation. Dôchets Sciences Et Techniques, 2009, , 0.1	0.1	1
36	Valorisation of <i>Posidonia oceanica</i> leaf sheaths in removing synthetic dye from aqueous media using dynamic column system. International Journal of Environment and Waste Management, 2014, 13, 1.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Activated Carbon in Waste Recycling, Air and Water Treatment, and Energy Storage. , 2008, , 441-459.		0