

Christelle Wisniewski

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

593
citations

759233

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h-index

610901

24
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27
all docs

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docs citations

27
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonic enhancement of waste activated sludge hydrolysis and volatile fatty acids accumulation at pH 10.0. <i>Water Research</i> , 2010, 44, 3329-3336.	11.3	144
2	Membrane bioreactor for treatment of pharmaceutical wastewater containing acetaminophen. <i>Desalination</i> , 2010, 250, 798-800.	8.2	66
3	Membrane bioreactor for water reuse. <i>Desalination</i> , 2007, 203, 15-19.	8.2	57
4	Micropollutant and Sludge Characterization for Modeling Sorption Equilibria. <i>Environmental Science & Technology</i> , 2010, 44, 1100-1106.	10.0	52
5	Use of a membrane bioreactor for denitrification of brine from an electro dialysis process. <i>Desalination</i> , 2002, 149, 331-336.	8.2	37
6	Rheological study of orange juices for a better knowledge of their suspended solids interactions at low and high concentration. <i>Journal of Food Engineering</i> , 2016, 174, 15-20.	5.2	30
7	Identification of relevant physicochemical characteristics for predicting fruit juices filterability. <i>Separation and Purification Technology</i> , 2015, 141, 59-67.	7.9	25
8	Membrane bioreactor for pharmaceutically active compounds removal: Effects of carbamazepine on mixed microbial communities implied in the treatment. <i>Process Biochemistry</i> , 2010, 45, 1826-1831.	3.7	24
9	Rheological properties of sMBR sludge under unsteady state conditions. <i>Desalination</i> , 2010, 250, 824-828.	8.2	22
10	Benefits of MBR in seafood wastewater treatment and water reuse: study case in Southern part of Thailand. <i>Desalination</i> , 2006, 200, 712-714.	8.2	18
11	Immersed membranes configuration for the microfiltration of fruit-based suspensions. <i>Separation and Purification Technology</i> , 2019, 216, 25-33.	7.9	16
12	Size-cartography of orange juices foulant particles: Contribution to a better control of fouling during microfiltration. <i>Journal of Membrane Science</i> , 2016, 509, 164-172.	8.2	15
13	Membrane bioreactor performances: comparison between continuous and sequencing systems. <i>Desalination</i> , 2006, 199, 319-321.	8.2	10
14	New prospects for immersed hollow-fiber membranes in fruit juices microfiltration: Case of grapefruit juice. <i>Journal of Food Engineering</i> , 2019, 246, 75-85.	5.2	10
15	Innovative non-destructive sorting technique for juicy stone fruits: textural properties of fresh mangos and purees. <i>Food and Bioproducts Processing</i> , 2020, 123, 188-198.	3.6	10
16	Role of dispersing and dispersed phases in the viscoelastic properties and the flow behavior of fruit juices during concentration operation: Case of orange juice. <i>Food and Bioproducts Processing</i> , 2021, 126, 121-129.	3.6	9
17	Impact of ripening on the physical properties of mango purees and application of simultaneous rheometry and in situ FTIR spectroscopy for rapid identification of biochemical and rheological changes. <i>Journal of Food Engineering</i> , 2021, 300, 110507.	5.2	8
18	Membrane bioreactor performances: effluent quality of continuous and sequencing systems for water reuse. <i>Desalination</i> , 2007, 204, 39-45.	8.2	7

#	ARTICLE	IF	CITATIONS
19	Respirometric needs of heterotrophic populations developed in an immersed membrane bioreactor working in sequenced aeration. <i>Biochemical Engineering Journal</i> , 2002, 11, 2-12.	3.6	5
20	The role of the nature and composition of solutions/suspensions in fouling of plane organic membranes in frontal filtration: Application to water and wastewater clarification. <i>Desalination</i> , 2006, 191, 71-78.	8.2	5
21	Viscoelastic behavior and fouling propensity of concentrated suspended particles of orange juice with defined size distributions: Towards a better control of the deposit layer properties during microfiltration. <i>LWT - Food Science and Technology</i> , 2022, 153, 112473.	5.2	5
22	Sequenced aeration in a membrane bioreactor: Specific nitrogen removal rates. <i>Canadian Journal of Chemical Engineering</i> , 2002, 80, 386-392.	1.7	4
23	An environmental application of functionalized chitosan: enhancement of the separation of the solid and liquid fractions of digestate from anaerobic digestion. <i>Pure and Applied Chemistry</i> , 2016, 88, 1155-1166.	1.9	4
24	Organotins™ fate in lagoon sewage system: dealkylation and sludge sorption/desorption. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22832-22842.	5.3	4
25	A contribution to the understanding of micro-pollutant sorption mechanisms in wastewater biological processes: case of the tributyltin. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2229-2233.	2.2	3
26	An innovative lab-scale strategy for the evaluation of Grape Processing Residues (GPR) filterability: Application to GPR valorization by ultrafiltration. <i>Innovative Food Science and Emerging Technologies</i> , 2017, 41, 314-322.	5.6	3
27	Tributyltin in Wastewater: Influence on the Performance of Suspended Growth Biological Processes. <i>Water (Switzerland)</i> , 2022, 14, 1483.	2.7	0