

Hans Coster

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

487
citations

1040056

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1372567

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all docs

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docs citations

10
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring fouling behavior of reverse osmosis membranes using electrical impedance spectroscopy: A field trial study. <i>Desalination</i> , 2017, 407, 75-84.	8.2	33
2	In-situ monitoring of biofouling on reverse osmosis membranes: Detection and mechanistic study using electrical impedance spectroscopy. <i>Journal of Membrane Science</i> , 2016, 518, 229-242.	8.2	47
3	Quantitative determination of the electrical properties of RO membranes during fouling and cleaning processes using electrical impedance spectroscopy. <i>Desalination</i> , 2016, 379, 126-136.	8.2	36
4	Characterization of hollow fiber membranes by impedance spectroscopy. <i>Journal of Membrane Science</i> , 2015, 473, 318-326.	8.2	28
5	Characterising nanostructure functionality of a cellulose triacetate forward osmosis membrane using electrical impedance spectroscopy. <i>Journal of Membrane Science</i> , 2014, 467, 292-302.	8.2	18
6	Characterization of forward osmosis membranes by electrochemical impedance spectroscopy. <i>Desalination</i> , 2013, 312, 45-51.	8.2	52
7	In situ structural and functional characterization of reverse osmosis membranes using electrical impedance spectroscopy. <i>Journal of Membrane Science</i> , 2013, 425-426, 89-97.	8.2	72
8	Mimicking cell membrane-like structures on alkylated silicon surfaces by peptide amphiphiles. <i>Materials Chemistry and Physics</i> , 2011, 130, 1162-1168.	4.0	4
9	Ionic double layer of atomically flat gold formed on mica templates. <i>Electrochimica Acta</i> , 2009, 54, 3766-3774.	5.2	17
10	Impedance spectroscopy of interfaces, membranes and ultrastructures. <i>Bioelectrochemistry</i> , 1996, 40, 79-98.	1.0	180