

# Hans Coster

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1103796/publications.pdf>

Version: 2024-02-01

10  
papers

487  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance spectroscopy of interfaces, membranes and ultrastructures. <i>Bioelectrochemistry</i> , 1996, 40, 79-98.	1.0	180
2	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
3	Characterization of forward osmosis membranes by electrochemical impedance spectroscopy. <i>Desalination</i> , 2013, 312, 45-51.	8.2	52
4	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
5	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
6	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
7	Characterization of hollow fiber membranes by impedance spectroscopy. <i>Journal of Membrane Science</i> , 2015, 473, 318-326.	8.2	28
8	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
9	Ionic double layer of atomically flat gold formed on mica templates. <i>Electrochimica Acta</i> , 2009, 54, 3766-3774.	5.2	17
10	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