

# Nikolay S Voutchkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3496201/publications.pdf>

Version: 2024-02-01

24  
papers

1,318  
citations

758635

12  
h-index

940134

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desalination plant discharge characterization. , 2020, , 13-23.		0
2	Regional concentrate management. , 2020, , 223-230.		0
3	Discharge to sanitary sewer. , 2020, , 131-136.		0
4	Surface water discharge of concentrate. , 2020, , 25-77.		0
5	Balancing carbon, nitrogen and phosphorus concentration in seawater as a strategy to prevent accelerated membrane biofouling. Water Research, 2019, 165, 114978.	5.3	21
6	Selection of pretreatment technologies for seawater reverse osmosis plants: A review. Desalination, 2019, 449, 78-91.	4.0	142
7	Energy use for membrane seawater desalination “ current status and trends. Desalination, 2018, 431, 2-14.	4.0	346
8	Membrane Foulants and Saline Water Pretreatment. , 2017, , 11-41.		2
9	Guidelines for Pretreatment System Selection. , 2017, , 239-248.		0
10	Desalination energy minimization using thin film nanocomposite membranes. Desalination, 2014, 350, 35-43.	4.0	27
11	Investigation of environmental influences on membrane biofouling in a Southern California desalination pilot plant. Desalination, 2013, 319, 1-9.	4.0	71
12	Composition and Variability of Biofouling Organisms in Seawater Reverse Osmosis Desalination Plants. Applied and Environmental Microbiology, 2011, 77, 4390-4398.	1.4	70
13	Overview of seawater concentrate disposal alternatives. Desalination, 2011, 273, 205-219.	4.0	114
14	Fundamental chemistry and engineering aspects of post-treatment processes for desalinated water“A review. Desalination, 2011, 273, 6-22.	4.0	91
15	Seawater desalination: US desalination industry addresses obstacles to growth. Filtration and Separation, 2010, 47, 36-39.	0.2	6
16	Considerations for selection of seawater filtration pretreatment system. Desalination, 2010, 261, 354-364.	4.0	173
17	Desalination Process Technology. , 2010, , 21-90.		2
18	SWRO pre-treatment systems: Choosing between conventional and membrane filtration. Filtration and Separation, 2009, 46, 5-8.	0.2	7

#	ARTICLE	IF	CITATIONS
19	Disinfection by-products and their potential impact on the quality of water produced by desalination systems: A literature review. <i>Desalination</i> , 2009, 237, 214-237.	4.0	157
20	Salinity tolerance evaluation methodology for desalination plant discharge. <i>Desalination and Water Treatment</i> , 2009, 1, 68-74.	1.0	8
21	SWRO desalination process: on the beach " seawater intakes. <i>Filtration and Separation</i> , 2005, 42, 24-27.	0.2	22
22	INTERACTION OF CLARIFIERS WITH OTHER FACILITIES. <i>Proceedings of the Water Environment Federation</i> , 2005, 2005, 6403-6430.	0.0	0
23	Seawater desalination costs cut through power plant co-location. <i>Filtration and Separation</i> , 2004, 41, 24-26.	0.2	18
24	Heuristic Screening Methodology for Regional Wastewater Treatment Planning. <i>Journal of Environmental Engineering</i> , ASCE, 1993, 119, 603-614.	0.7	11