Stefan Panglisch

List of Publications by Year
in descending order

44 papers	685 citations	687363 13 h-index	610901 24 g-index
48 all docs	48 docs citations	48 times ranked	663 citing authors

#	Article	IF	Citations
1	Impact of Climate Change on Drinking Water Safety. ACS ES&T Water, 2022, 2, 259-261.	4.6	16
2	Influence of reactivation conditions on the physio-chemical properties of activated carbon. Journal of Water Process Engineering, 2022, 48, 102784.	5.6	2
3	Fouling scenarios in hollow fiber membranes during mini-plant filtration tests and correlation to microalgae-loaded feed characteristics. Chemical Engineering Journal, 2021, 420, 127723.	12.7	14
4	Synthesis, characterization, kinetics and modeling studies of new generation pollutant ketoprofen removal in water using copper nanoparticles. Journal of Molecular Liquids, 2021, 323, 115075.	4.9	15
5	Removal of Trace Organic Contaminants by Parallel Operation of Reverse Osmosis and Granular Activated Carbon for Drinking Water Treatment. Membranes, 2021, 11, 33.	3.0	15
6	Minimizing the environmental impact of PFAS by using specialized coagulants for the treatment of PFAS polluted waters and for the decontamination of firefighting equipment. Emerging Contaminants, 2021, 7, 63-76.	4.9	14
7	Enhancing the Efficiency of Membrane Processes for Water Treatment. Membranes, 2021, 11, 215.	3.0	3
8	Fast removal of samarium ions in water on highly efficient nanocomposite based graphene oxide modified with polyhydroquinone: Isotherms, kinetics, thermodynamics and desorption. Journal of Molecular Liquids, 2021, 329, 115584.	4.9	71
9	Studying Fluid Characteristics Atop Surface Patterned Membranes via Particle Image Velocimetry. Chemie-Ingenieur-Technik, 2021, 93, 1401-1407.	0.8	1
10	Preparation and characterization of nano-structured modified montmorillonite for dioxidine antibacterial drug removal in water. Journal of Molecular Liquids, 2021, 331, 115770.	4.9	56
11	Limits of High Recovery Inland Desalination: Closedâ€Circuit Reverse Osmosis â€“ a Viable Option?. Chemie-Ingenieur-Technik, 2021, 93, 1359-1368.	0.8	1
12	Surface Modification of Readyâ€toâ€Use Hollow Fiber Ultrafiltration Modules for Oil/Water Separation. Chemie-Ingenieur-Technik, 2021, 93, 1408-1416.	0.8	3
13	Membranen zum Schutz von Klima und Ressourcen?!. Chemie-Ingenieur-Technik, 2021, 93, 1331-1331.	0.8	0
14	Sustainable Development of Magnetic Chitosan Coreâ€“Shell Network for the Removal of Organic Dyes from Aqueous Solutions. Materials, 2021, 14, 7701.	2.9	10
15	Influence of Carbon Agglomerate Formation on Micropollutants Removal in Combined PAC-Membrane Filtration Processes for Advanced Wastewater Treatment. Water (Switzerland), 2021, 13, 3578.	2.7	3
16	Adsorption of organic pollutants from the aqueous phase using graphite as a model adsorbent. Adsorption Science and Technology, 2020, 38, 286-303.	3.2	7
17	Application-oriented mini-plant experiments using non-conventional model foulants to evaluate new hollow fiber membrane materials. Separation and Purification Technology, 2020, 251, 117345.	7.9	7
18	High performance isotropic polyethersulfone membranes for heavy oil-in-water emulsion separation. Separation and Purification Technology, 2020, 253, 117467.	7.9	37

#	Article	IF	Citations
19	Performance of Layer-by-Layer-Modified MultiboreÂ® Ultrafiltration Capillary Membranes for Salt Retention and Removal of Antibiotic Resistance Genes. Membranes, 2020, 10, 398.	3.0	6
20	Hydrophilic poly(phenylene sulfone) membranes for ultrafiltration. Separation and Purification Technology, 2020, 250, 117107.	7.9	13
21	Removal of diclofenac from water by in/out PAC/UF hybrid process. Environmental Technology (United Kingdom), 2018, 39, 2315-2320.	2.2	6
22	Measuring hydraulic layer resistance and correlated effects in colloidal fouling of salt-retaining membranes. Water Science and Technology: Water Supply, 2017, 17, 985-997.	2.1	4
23	The impact of optimised coagulation on membrane fouling for coagulation/ultrafiltration process. Desalination and Water Treatment, 2013, 51, 2718-2725.	1.0	16
24	Treatment Options for the Removal and Degradation of Polyfluorinated Chemicals. Handbook of Environmental Chemistry, 2012, , 103-125.	0.4	13
25	Membrane performance in combined processes including ozonation or advanced oxidation, powdered activated carbon and coagulation â€" Investigations in pilot scale. Desalination, 2010, 250, 819-823.	8.2	13
26	p-Nitrophenol removal by combination of powdered activated carbon adsorption and ultrafiltration â€“ comparison of different operational modes. Water Research, 2008, 42, 4117-4124.	11.3	37
27	Removal of trace organic substances from river bank filtrate â€“ performance study of RO and NF membranes. Water Science and Technology: Water Supply, 2008, 8, 85-92.	2.1	10
28	Drinking water treatment with combined coagulation ultrafiltrationâ€"long term experience with Germany's largest plant. Water Science and Technology: Water Supply, 2008, 8, 363-375.	2.1	6
29	Neural networks and genetic algorithms in membrane technology modelling. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 23-34.	1.4	14
30	Particle removal with membranes in water treatment in Germany â€“ state of the art and further developments. Journal of Water Supply: Research and Technology - AQUA, 2007, 56, 375-383.	1.4	3
31	Influence of organic-salt interactions on membrane (UF) fouling potential and pre-treatment by coagulation. Desalination, 2006, 200, 210-212.	8.2	0
32	Ceramic membranes for direct river water treatment applying coagulation and microfiltration. Water Science and Technology: Water Supply, 2006, 6, 89-98.	2.1	21
33	Foulant analysis of modified and unmodified membranes for water and wastewater treatment with LC-OCD. Desalination, 2005, 178, 63-72.	8.2	29
34	Direct river water treatment using coagulation/ceramic membrane microfiltration. Desalination, 2005, 179, 41-50.	8.2	57
35	Evaluation of the performance of different chemicals for cleaning capillary membranes. Desalination, 2005, 179, 191-202.	8.2	55
36	Transferring pilot experiments into the planning of Germany's largest two-stage ultrafiltration plant. Desalination, 2005, 179, 225-235.	8.2	13

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37	Studies on the minimisation of NOM fouling of MF/UF membranes with the help of a submerged â€œsingleâ€•capillary membrane apparatus. Desalination, 2005, 179, 355-367.	8.2	4
38	Research experiences in direct potable water treatment using coagulation/ultrafiltration. Water Science and Technology, 2005, 51, 221-229.	2.5	13
39	Planning of an ultrafiltration plant with a capacity of 6,000â€‰m3 hâ˜'1 for the treatment of drinking water at Roetgen water works. Journal of Water Supply: Research and Technology - AQUA, 2004, 53, 497-508.	1.4	3
40	Formation and prevention of hardly removable particle layers in inside-out capillary membranes operating in dead-end mode. Water Science and Technology: Water Supply, 2003, 3, 117-124.	2.1	7
41	Development of a new integrity testing system. Water Science and Technology: Water Supply, 2003, 3, 101-108.	2.1	4
42	Monitoring the integrity of capillary membranes by particle counters. Desalination, 1998, 119, 65-72.	8.2	32
43	Ultra- and microfiltration pilot plant investigations to treat reservoir water. Desalination, 1998, 119, 277-287.	8.2	18
44	Optimization of operation and cleaning of membranes â€" Results on ultra- and microfiltration pilot plant investigations to treat reservoir water. Desalination, 1997, 113, 247-249.	8.2	7