William B Krantz

List of Publications by Year
in descending order

161 papers	6,554 citations	38660 50 h-index	79541 73 g-index
164 all docs	164 docs citations	164 times ranked	5395 citing authors

#	Article	IF	Citations
1	Mitigation of membrane fouling by whey protein via water hammer. Journal of Membrane Science, 2022, 642, 119967.	4.1	14
2	In memory of professor Sun-Tak Hwang. Journal of Membrane Science, 2022, 654, 120500.	4.1	0
3	Prototype commercial evapoporometer instrument. Journal of Membrane Science, 2022, 655, 120573.	4.1	0
4	Investigation of corrugation phenomenon in the inner contour of hollow fibers during the nonsolvent-induced phase-separation process. , 2021, , 85-104.		0
5	Centrifugal reverse osmosis (CRO) â^' a novel energy-efficient membrane process for desalination near local thermodynamic equilibrium. Journal of Membrane Science, 2021, 637, 119630.	4.1	6
6	Technical and economic feasibility of the concurrent desalination and boron removal (CDBR) process. Desalination, 2020, 486, 114474.	4.0	18
7	Characterization of colloidal fouling in forward osmosis via ultrasonic time- (UTDR) and frequency-domain reflectometry (UFDR). Journal of Membrane Science, 2020, 602, 117969.	4.1	15
8	Effects of the support on the characteristics and permselectivity of thin film composite membranes. Journal of Membrane Science, 2019, 580, 12-23.	4.1	88
9	Adaptation of evapoporometry (EP) to characterize the continuous pores and interpore connectivity in polymeric membranes. Journal of Membrane Science, 2019, 575, 17-27.	4.1	10
10	A review of fouling indices and monitoring techniques for reverse osmosis. Desalination, 2018, 434, 169-188.	4.0	98
11	Energy optimization of a multistage reverse osmosis process for seawater desalination. Desalination, 2018, 429, 1-11.	4.0	40
12	Process economics and operating strategy for the energy-efficient reverse osmosis (EERO) process. Desalination, 2018, 443, 70-84.	4.0	22
13	Flow-field mitigation of membrane fouling (FMMF) via manipulation of the convective flow in cross-flow membrane applications. Journal of Membrane Science, 2017, 526, 377-386.	4.1	14
14	Evapoporometry adaptation to determine the lumen-side pore-size distribution (PSD) of hollow fiber and tubular membranes. Journal of Membrane Science, 2017, 526, 1-8.	4.1	10
15	Extending the uppermost pore diameter measureable via Evapoporometry. Journal of Membrane Science, 2017, 524, 637-643.	4.1	8
16	A novel energy-efficient concurrent desalination and boron removal (CDBR) process. Desalination, 2017, 423, 79-94.	4.0	10
17	Pressure-retarded osmosis with wastewater concentrate feed: Fouling process considerations. Journal of Membrane Science, 2017, 542, 233-244.	4.1	36
18	Influence of backwashing on the pore size of hollow fiber ultrafiltration membranes. Journal of Membrane Science, 2017, 521, 33-42.	4.1	47

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19	The Performance and Fouling Control of Submerged Hollow Fiber (HF) Systems: A Review. Applied Sciences (Switzerland), 2017, 7, 765.	1.3	47
20	A conceptual design of spacers with hairy structures for membrane processes. Journal of Membrane Science, 2016, 510, 314-325.	4.1	25
21	The involvement of lectins and lectin-like humic substances in biofilm formation on RO membranes - is TEP important?. Desalination, 2016, 399, 61-68.	4.0	12
22	Effect of humic-acid fouling on membrane distillation. Journal of Membrane Science, 2016, 504, 263-273.	4.1	41
23	Impact of solution chemistry on the properties and bactericidal activity of silver nanoparticles decorated on superabsorbent cryogels. Journal of Colloid and Interface Science, 2016, 461, 104-113.	5.0	8
24	Online monitor for the reverse osmosis spiral wound module â€" Development of the canary cell. Desalination, 2015, 368, 48-59.	4.0	21
25	Exploration of using thermally responsive polyionic liquid hydrogels as draw agents in forward osmosis. RSC Advances, 2015, 5, 97143-97150.	1.7	51
26	Energy-efficient reverse osmosis desalination: Effect of retentate recycle and pump and energy recovery device efficiencies. Desalination, 2015, 366, 15-31.	4.0	36
27	Bactericidal Mechanisms Revealed for Rapid Water Disinfection by Superabsorbent Cryogels Decorated with Silver Nanoparticles. Environmental Science & Technology, 2015, 49, 2310-2318.	4.6	77
28	Potential evaluation and perspectives on using sponge-like superabsorbent cryogels for onsite water treatment in emergencies. Desalination and Water Treatment, 2015, 53, 1506-1515.	1.0	16
29	Energy-efficient desalination by forward osmosis using responsive ionic liquid draw solutes. Environmental Science: Water Research and Technology, 2015, 1, 341-347.	1.2	84
30	Improved design and protocol for evapoporometry determination of the pore-size distribution. Journal of Membrane Science, 2015, 496, 334-343.	4.1	18
31	Effect of synthesis routes on the properties and bactericidal activity of cryogels incorporated with silver nanoparticles. RSC Advances, 2015, 5, 44626-44635.	1.7	25
32	Unsteady-state shear strategies to enhance mass-transfer for the implementation of ultrapermeable membranes in reverse osmosis: A review. Desalination, 2015, 356, 328-348.	4.0	90
33	Prediction of reverse osmosis fouling using the feed fouling monitor and salt tracer response technique. Journal of Membrane Science, 2015, 475, 433-444.	4.1	21
34	Energy-efficient reverse osmosis desalination process. Journal of Membrane Science, 2015, 473, 177-188.	4.1	69
35	Optimization of operating conditions for a continuous membrane distillation crystallization process with zero salty water discharge. Journal of Membrane Science, 2014, 450, 1-11.	4.1	146
36	Effect of a macromolecular- or bio-fouling layer on membrane distillation. Journal of Membrane Science, 2014, 456, 66-76.	4.1	48

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37	Enhancing the properties and gas separation performance of PBIâ€“polyimides blend carbon molecular sieve membranes via optimization of the pyrolysis process. Separation and Purification Technology, 2014, 122, 278-289.	3.9	105
38	Colloidal metastability and membrane fouling â€“ Effects of crossflow velocity, flux, salinity and colloid concentration. Journal of Membrane Science, 2014, 469, 174-187.	4.1	25
39	Evapoporometry determination of pore-size distribution and pore fouling of hollow fiber membranes. Journal of Membrane Science, 2014, 470, 334-345.	4.1	22
40	Influence of dissolved air on the effectiveness of cyclic backwashing in submerged membrane systems. Journal of Membrane Science, 2014, 456, 77-84.	4.1	12
41	Generalized criterion for the onset of particle deposition in crossflow microfiltration via DOTM â€“ Modeling and experimental validation. Journal of Membrane Science, 2014, 457, 128-138.	4.1	14
42	Evapoporometry: A novel technique for determining the pore-size distribution of membranes. Journal of Membrane Science, 2013, 438, 153-166.	4.1	48
43	Development of a new technique to predict reverse osmosis fouling. Journal of Membrane Science, 2013, 448, 12-22.	4.1	21
44	Impact of a biofouling layer on the vapor pressure driving force and performance of a membrane distillation process. Journal of Membrane Science, 2013, 438, 140-152.	4.1	65
45	Superabsorbent Cryogels Decorated with Silver Nanoparticles as a Novel Water Technology for Point-of-Use Disinfection. Environmental Science & Technology, 2013, 47, 9363-9371.	4.6	113
46	CO2 switchable dual responsive polymers as draw solutes for forward osmosis desalination. Chemical Communications, 2013, 49, 8377.	2.2	82
47	A novel hybrid process of reverse electrodialysis and reverse osmosis for low energy seawater desalination and brine management. Applied Energy, 2013, 104, 592-602.	5.1	154
48	Evaluation and Treatment of Sternoclavicular, Clavicular, and Acromioclavicular Injuries. Primary Care - Clinics in Office Practice, 2013, 40, 911-923.	0.7	17
49	Monitoring membrane biofouling via ultrasonic time-domain reflectometry enhanced by silica dosing. Journal of Membrane Science, 2013, 428, 24-37.	4.1	65
50	Towards temperature driven forward osmosis desalination using Semi-IPN hydrogels as reversible draw agents. Water Research, 2013, 47, 3773-3781.	5.3	125
51	Design and synthesis of ice-templated PSA cryogels for water purification: towards tailored morphology and properties. Soft Matter, 2013, 9, 224-234.	1.2	51
52	Epoxy-based broadband antireflection coating for millimeter-wave optics. Applied Optics, 2013, 52, 8102.	0.9	27
53	Strategic Co-Location in a Hybrid Process Involving Desalination and Pressure Retarded Osmosis (PRO). Membranes, 2013, 3, 98-125.	1.4	53
54	Effects of concentration polarization, temperature and pressure on ultrasound detection of inorganic fouling and cleaning in a spiral-wound membrane module. Desalination and Water Treatment, 2012, 50, 411-422.	1.0	16

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55	Novel Monitors Enable Early Detection of RO System Fouling. IDA Journal of Desalination and Water Reuse, 2012, 4, 36-48.	0.4	2
56	Emergency water supply: A review of potential technologies and selection criteria. Water Research, 2012, 46, 3125-3151.	5.3	204
57	Scaling analysis of the electrohydrodynamic atomization (EHDA) process for pharmaceutical particle fabrication. Chemical Engineering Science, 2012, 80, 81-90.	1.9	14
58	Explorations of delamination and irregular structure in poly(amide-imide)-polyethersulfone dual layer hollow fiber membranes. Journal of Membrane Science, 2012, 423-424, 73-84.	4.1	51
59	Monitoring of colloidal fouling and its associated metastability using Ultrasonic Time Domain Reflectometry. Journal of Membrane Science, 2012, 401-402, 241-253.	4.1	51
60	Nonbuoyancy densityâ€driven convective mass and heat transfer: Scaling analysis and solution methodology. AICHE Journal, 2012, 58, 678-689.	1.8	5
61	An Integrity Sensor for assessing the performance of low pressure membrane modules in the water industry. Desalination, 2011, 283, 117-122.	4.0	16
62	Comprehensive experimental studies of early-stage membrane scaling during nanofiltration. Desalination, 2011, 283, 40-51.	4.0	38
63	Control and enhancement of permselectivity of membraneâ€based microcapsules for favorable biomolecular transport and immunoisolation. AICHE Journal, 2011, 57, 3052-3062.	1.8	5
64	Design of a twoâ€step pulsed pressureâ€swing adsorptionâ€based oxygen concentrator. AICHE Journal, 2010, 56, 354-370.	1.8	19
65	Characterization of a Biomedical Grade Silica-Filled Silicone Elastomer Using Ultrasound. ACS Symposium Series, 2010, , 85-98.	0.5	2
66	Dry-casting: Computer simulation, sensitivity analysis, experimental and phenomenological model studies. Journal of Membrane Science, 2010, 354, 178-188.	4.1	21
67	A model for wet-casting polymeric membranes incorporating nonequilibrium interfacial dynamics, vitrification and convection. Journal of Membrane Science, 2010, 354, 74-85.	4.1	35
68	Poly(ethylene chlorotrifluoroethylene) membrane formation via thermally induced phase separation (TIPS). Journal of Membrane Science, 2010, 362, 211-220.	4.1	76
69	Percutaneous absorption of volatile solvents following transient liquid exposures II. Ethanol. Chemical Engineering Science, 2009, 64, 1665-1672.	1.9	14
70	Hydrogel Matrix Entrapping PLGA-Paclitaxel Microspheres: Drug Delivery with Near Zero-Order Release and Implantability Advantages for Malignant Brain Tumour Chemotherapy. Pharmaceutical Research, 2009, 26, 2101-2114.	1.7	95
71	Percutaneous absorption of volatile solvents following transient liquid exposures: I. Model development. Chemical Engineering Science, 2009, 64, 1027-1035.	1.9	6
72	Studies on polymeric nanofiltration-based water softening and the effect of anion properties on the softening process. European Polymer Journal, 2008, 44, 2244-2252.	2.6	21

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73	Scaling and sensitivity analysis of a reverse flow reactor. Chemical Engineering Science, 2008, 63, 342-355.	1.9	11
74	High-performance protein separation by ion exchange membrane partitioned free-flow isoelectric focusing system. Chemical Engineering Science, 2008, 63, 2241-2251.	1.9	18
75	Arctic patternedâ€ground ecosystems: A synthesis of field studies and models along a North American Arctic Transect. Journal of Geophysical Research, 2008, 113, .	3.3	96
76	Differential frost heave model for patterned ground formation: Corroboration with observations along a North American arctic transect. Journal of Geophysical Research, 2008, 113, .	3.3	71
77	Use of Solubility Parameters for Predicting the Separation Characteristics of Poly(dimethylsiloxane) and Siloxane-Containing Membranes. ACS Symposium Series, 2007, , 203-219.	0.5	5
78	A novel primer to prevent nanoparticle agglomeration in mixed matrix membranes. AICHE Journal, 2007, 53, 2470-2475.	1.8	56
79	Characterization of nanofiltration and reverse osmosis membrane performance for aqueous salt solutions using irreversible thermodynamics. Desalination, 2007, 208, 1-18.	4.0	37
80	Ultrasound, gravimetric, and SEM studies of inorganic fouling in spiral-wound membrane modules. Desalination, 2007, 208, 277-293.	4.0	60
81	A morphological and structural study of Ultem/P84 copolyimide dual-layer hollow fiber membranes with delamination-free morphology. Journal of Membrane Science, 2007, 294, 132-146.	4.1	83
82	Investigation of corrugation phenomenon in the inner contour of hollow fibers during the non-solvent induced phase-separation process. Journal of Membrane Science, 2007, 299, 200-210.	4.1	112
83	A model for evaporative casting of polymeric membranes incorporating convection due to density changes. Journal of Membrane Science, 2006, 284, 161-172.	4.1	19
84	Numerical approximation of solutions of a nonlinear inverse problem arising in olfaction experimentation. Mathematical and Computer Modelling, 2006, 43, 945-956.	2.0	18
85	Membrane formation via thermally induced phase separation (TIPS): Model development and validation. Journal of Membrane Science, 2006, 279, 50-60.	4.1	71
86	Effect of air bubbling on atrazine adsorption in water by powdered activated carbons â€“ competitive adsorption of impurities. Separation and Purification Technology, 2005, 46, 79-87.	3.9	14
87	Dense gas extraction using a hollow fiber membrane contactor: experimental results versus model predictions. Journal of Membrane Science, 2005, 257, 11-36.	4.1	36
88	Vapor-induced phase separationâ€"effect of the humid air exposure step on membrane morphologyPart I. Insights from mathematical modeling. Journal of Membrane Science, 2005, 258, 140-156.	4.1	103
89	Frost-boil ecosystems: complex interactions between landforms, soils, vegetation and climate. Permafrost and Periglacial Processes, 2004, 15, 171-188.	1.5	110
90	Sensitivity analysis of the rapid decomposition of methane in an aerosol flow reactor. International Journal of Hydrogen Energy, 2004, 29, 57-65.	3.8	21

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91	Investigation of the viscoelastic and transport properties of interfacially polymerized barrier layers using pendant drop mechanical analysis. Journal of Applied Polymer Science, 2004, 94, 558-568.	1.3	22
92	Predictive dynamic model of single-stage ultra-rapid pressure swing adsorption. AICHE Journal, 2004, 50, 953-962.	1.8	22
93	A novel process for membrane fabrication: thermally assisted evaporative phase separation (TAEPS). Journal of Membrane Science, 2004, 230, 99-109.	4.1	23
94	Studies of oxidative degradation in polyamide RO membrane barrier layers using pendant drop mechanical analysis. Journal of Membrane Science, 2004, 243, 345-355.	4.1	81
95	Oxidative degradation of polyamide reverse osmosis membranes: Studies of molecular model compounds and selected membranes. Journal of Applied Polymer Science, 2003, 90, 1173-1184.	1.3	130
96	Development of pendant drop mechanical analysis as a technique for determining the stress-relaxation and water-permeation properties of interfacially polymerized barrier layers. Journal of Applied Polymer Science, 2003, 90, 2618-2628.	1.3	23
97	Flow-visualization during macrovoid pore formation in dry-cast cellulose acetate membranes. Journal of Membrane Science, 2003, 211, 71-90.	4.1	52
98	Study of membrane fouling and cleaning in spiral wound modules using ultrasonic time-domain reflectometry. Membrane Science and Technology, 2003, 8, 65-88.	0.5	18
99	A mechanism for differential frost heave and its implications for patterned-ground formation. Journal of Glaciology, 2003, 49, 69-80.	1.1	54
100	Chemical Modification of Cellulose Acetate with Titanium Isopropoxide. International Journal of Polymer Analysis and Characterization, 2002, 7, 162-180.	0.9	8
101	Analysis of the Rapid Carbothermal Reduction Synthesis of Ultra-Fine Silicon Carbide Powders. Aerosol Science and Technology, 2002, 36, 1087-1098.	1.5	2
102	Macrovoid pore formation in dry-cast cellulose acetate membranes: buoyancy studies. Journal of Membrane Science, 2002, 205, 11-21.	4.1	36
103	Fabrication of poly (ECTFE) membranes via thermally induced phase separation. Journal of Membrane Science, 2002, 210, 175-180.	4.1	53
104	Slidingâ€Cavity Fluid Contactors in Lowâ€Gravity Fluids, Materials, and Biotechnology Research. Annals of the New York Academy of Sciences, 2002, 974, 581-590.	1.8	1
105	Macrovoid growth during polymer membrane casting. Desalination, 2002, 145, 17-23.	4.0	12
106	Instrumentation for Studying Polymer Film Formation in Low Gravity. ACS Symposium Series, 2001, , 126-137.	0.5	1
107	The influence of filler concentration on the compaction and filtration properties of ZirfonÂ®-composite ultrafiltration membranes. Separation and Purification Technology, 2001, 22-23, 663-669.	3.9	70
108	Observation of solutocapillary flow during polymer membrane casting. , 2001, , .		1

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109	Investigation of membrane fouling and cleaning using ultrasonic time-domain reflectometry. Desalination, 2000, 130, 45-60.	4.0	124
110	Real-time measurement of inorganic fouling of RO desalination membranes using ultrasonic time-domain reflectometry. Journal of Membrane Science, 1999, 159, 185-196.	4.1	151
111	Use of ultrasonic TDR for real-time noninvasive measurement of compressive strain during membrane compaction. Desalination, 1998, 116, 115-122.	4.0	66
112	Use of ultrasonic time-domain reflectometry for real-time measurement of thickness changes during evaporative casting of polymeric films. Journal of Applied Polymer Science, 1998, 69, 2013-2019.	1.3	29
113	Use of axial membrane vibrations to enhance mass transfer in a hollow tube oxygenator. Journal of Membrane Science, 1997, 124, 283-299.	4.1	35
114	Application of a Fully Predictive Model for Secondary Frost Heave. Arctic and Alpine Research, 1996, 28, 284.	1.3	12
115	Robust Digital Image Analysis of Pendant Drop Shapes. Journal of Colloid and Interface Science, 1996, 177, 658-665.	5.0	33
116	Use of infrared thermography for temperature measurement during evaporative casting of thin polymeric films. Journal of Membrane Science, 1995, 107, 249-261.	4.1	12
117	Studies of convective transport in evaporative casting of dense polymer films. Journal of Membrane Science, 1995, 108, 245-255.	4.1	8
118	Dense polymer film and membrane formation via the dry-cast process part I. Model development. Journal of Membrane Science, 1994, 94, 255-280.	4.1	102
119	Dense polymer film and membrane formation via the dry-cast process part II. Model validation and morphological studies. Journal of Membrane Science, 1994, 94, 281-298.	4.1	92
120	Formation and characterization of polyamide membranes via interfacial polymerization. Journal of Membrane Science, 1994, 93, 175-192.	4.1	208
121	Effect of evaporation step on macrovoid formation in wet-cast polymeric membranes. Journal of Membrane Science, 1994, 91, 265-282.	4.1	118
122	A Generalized Secondary Frost Heave Model. SIAM Journal on Applied Mathematics, 1994, 54, 1650-1675.	0.8	67
123	Development of A Technique for the In-Situ Measurement of the Mechanical Properties of Ultra-Thin Interfacially Polymerized Films. Materials Research Society Symposia Proceedings, 1994, 356, 541.	0.1	9
124	Use of an electric field to alter membrane morphology in a polysulfone-polyvinylpyrrolidone blendâ˜†. Journal of Membrane Science, 1993, 79, 115-122.	4.1	8
125	Bimodal terminal velocities using the falling needle viscometer. Review of Scientific Instruments, 1992, 63, 4200-4204.	0.6	7
126	Combustion and dielectric breakdown instabilities in porous media. Earth-Science Reviews, 1990, 29, 401-417.	4.0	0

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127	Thermal and electrical property measurements for coal. Fuel, 1989, 68, 185-192.	3.4	18
128	Taylor instability in rhyolite lava flows. Journal of Geophysical Research, 1989, 94, 5815-5828.	3.3	9
129	Science in Pictures: Patterned Ground. Scientific American, 1988, 259, 68-76.	1.0	49
130	Theoretical study of the transport processes occurring during the evaporation step in asymmetric membrane casting. Journal of Membrane Science, 1986, 29, 11-36.	4.1	56
131	Asymptotic structure of planar nonadiabatic reverse combustion fronts in porous media. Combustion and Flame, 1986, 65, 151-161.	2.8	13
132	Geometrical Aspects of Sorted Patterned Ground in Recurrently Frozen Soil. Science, 1986, 232, 216-220.	6.0	73
133	Capillary wave propagation at an interfacial stagnation line. Journal of Colloid and Interface Science, 1985, 107, 96-106.	5.0	0
134	Linear stability of planar reverse combustion in porous media. Combustion and Flame, 1985, 60, 125-140.	2.8	27
135	Linear stability theory model for finger formation in asymmetric membranes. Journal of Membrane Science, 1985, 23, 155-182.	4.1	82
136	Linear Stability of a Planar Reverse Combustion Front Propagating Through a Porous Medium: Gas-Solid Combustion Model. , 1984, , 117-135.		2
137	Laminar film flow over a sphere. Industrial & Engineering Chemistry Fundamentals, 1983, 22, 405-410.	0.7	29
138	A Model for Sorted Patterned-Ground Regularity. Journal of Glaciology, 1983, 29, 317-337.	1.1	77
139	A Model for Sorted Patterned-Ground Regularity. Journal of Glaciology, 1983, 29, 317-337.	1.1	52
140	Reverse Combustion Instabilities in Tar Sands and Coal. Society of Petroleum Engineers Journal, 1980, 20, 267-277.	0.9	20
141	Non-parallel flow effects on the stability of film flow down a right circular cone. Journal of Fluid Mechanics, 1980, 96, 585-601.	1.4	6
142	A study of transpiration from porous flat plates simulating plant leaves. International Journal of Heat and Mass Transfer, 1979, 22, 469-483.	2.5	20
143	Realistic analysis of flow in wire-coating dies. Polymer Engineering and Science, 1979, 19, 1178-1187.	1.5	37
144	Adsorption and Desorption at Dynamic Nonequilibrium Interfaces: Interfacial Stagnation Flow. Industrial & Engineering Chemistry Fundamentals, 1978, 17, 341-353.	0.7	2

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145	Spatially growing three-dimensional waves on falling film flow. International Journal of Multiphase Flow, 1977, 3, 609-614.	1.6	18
146	Dispersion in the Laminar Flow of Power-Law Fluids through Straight Tubes. Industrial & Engineering Chemistry Fundamentals, 1976, 15, 249-254.	0.7	14
147	Laminar Film Flow down a Right Circular Cone. Industrial & Engineering Chemistry Fundamentals, 1976, 15, 91-94.	0.7	6
148	The linear hydrodynamic stability of film flow down a vertical cylinder. AICHE Journal, 1976, 22, 930-934.	1.8	43
149	The equivalence of the spatial and temporal formulations for the linear stability of falling film flow. AICHE Journal, 1976, 22, 934-937.	1.8	4
150	Stationary Wave Formation on Thin Liquid Films Flowing down a Plane. Industrial & Engineering Chemistry Fundamentals, 1975, 14, 33-39.	0.7	6
151	Additional comments on the spatial formulation of the Orr-Sommerfeld equation for thin liquid films. AICHE Journal, 1975, 21, 179-181.	1.8	5
152	Additional comments on spatially growing disturbances in liquid films. AICHE Journal, 1975, 21, 596-597.	1.8	2
153	Axial Dispersion in the Turbulent Flow of Power-Law Fluids in Straight Tubes. Industrial & Engineering Chemistry Fundamentals, 1974, 13, 56-62.	0.7	15
154	Spatial formulation of the Orr-Sommerfeld equation for thin liquid films flowing down a plane. AICHE Journal, 1973, 19, 1163-1169.	1.8	19
155	Levitation of Solid Spheres in Pulsating Liquids. Industrial & Engineering Chemistry Fundamentals, 1973, 12, 391-396.	0.7	6
156	Bimodal wave formation on thin liquid films flowing down a plane. AICHE Journal, 1971, 17, 494-496.	1.8	7
157	Heat, Mass, and momentum transfer analogies for the fully developed turbulent flow of power law fluids in circular tubes. AICHE Journal, 1971, 17, 1360-1367.	1.8	12
158	A Correlation for Velocity and Eddy Diffusivity for the Flow of Power-Law Fluids Close to a Pipe Wall. Industrial & Engineering Chemistry Fundamentals, 1971, 10, 424-427.	0.7	6
159	Stability of Thin Liquid Films Flowing Down a Plane. Industrial & Engineering Chemistry Fundamentals, 1971, 10, 91-101.	0.7	98
160	Finite-Amplitude, Long Waves on Liquid Films Flowing Down a Plane. Industrial & Engineering Chemistry Fundamentals, 1970, 9, 107-113.	0.7	55
161	Membrane Characterization by Ultrasonic Time-Domain Reflectometry. , 0, , 879-897.		6