

Klaus-Viktor Peinemann

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7328924/klaus-viktor-peinemann-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

8,346
citations

50
h-index

88
g-index

149
ext. papers

9,135
ext. citations

8.1
avg. IF

6.33
L-index

#	Paper	IF	Citations
144	Ultrathin 2D-Layered Cyclodextrin Membranes for High- Performance Organic Solvent Nanofiltration. <i>Advanced Functional Materials</i> , 2020 , 30, 1906797	15.6	50
143	Alginate-based membranes: Paving the way for green organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2020 , 596, 117615	9.6	28
142	Rapid Size-Based Protein Discrimination inside Hybrid Isoporous Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8507-8516	9.5	16
141	Cyclodextrin-functionalized asymmetric block copolymer films as high-capacity reservoir for drug delivery. <i>Journal of Membrane Science</i> , 2019 , 584, 1-8	9.6	9
140	Scalable Synthesis of Amphiphilic Copolymers for CO ₂ - and Water-Selective Membranes: Effect of Copolymer Composition and Chain Length. <i>Macromolecules</i> , 2019 , 52, 6213-6226	5.5	16
139	Giant Humidity Effect on Hybrid Halide Perovskite Microstripes: Reversibility and Sensing Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29821-29829	9.5	44
138	3D Analysis of Ordered Porous Polymeric Particles using Complementary Electron Microscopy Methods. <i>Scientific Reports</i> , 2019 , 9, 13987	4.9	10
137	Cyclodextrin polymer networks decorated with subnanometer metal nanoparticles for high-performance low-temperature catalysis. <i>Science Advances</i> , 2019 , 5, eaax6976	14.3	24
136	Understanding the antifouling mechanisms related to copper oxide and zinc oxide nanoparticles in anaerobic membrane bioreactors. <i>Environmental Science: Nano</i> , 2019 , 6, 3467-3479	7.1	4
135	Solvent-resistant triazine-piperazine linked porous covalent organic polymer thin-film nanofiltration membrane. <i>Separation and Purification Technology</i> , 2019 , 213, 348-358	8.3	9
134	Highways for water molecules: Interplay between nanostructure and water vapor transport in block copolymer membranes. <i>Journal of Membrane Science</i> , 2019 , 572, 641-649	9.6	31
133	Silane-Crosslinked Asymmetric Polythiosemicarbazide Membranes for Organic Solvent Nanofiltration. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800551	3.9	8
132	High dehumidification performance of amorphous cellulose composite membranes prepared from trimethylsilyl cellulose. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9271-9279	13	21
131	Surprising transformation of a block copolymer into a high performance polystyrene ultrafiltration membrane with a hierarchically organized pore structure. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 4337-4345	12.3	18
130	Thin porphyrin composite membranes with enhanced organic solvent transport. <i>Journal of Membrane Science</i> , 2018 , 563, 684-693	9.6	19
129	Morin-based nanofiltration membranes for organic solvent separation processes. <i>Journal of Membrane Science</i> , 2018 , 554, 1-5	9.6	22
128	Functionalized Nanochannels from Self-Assembled and Photomodified Poly(Styrene- <i>b</i> -Butadiene- <i>b</i> -Styrene). <i>Small</i> , 2018 , 14, e1701885	11	16

127	Fabrication of Polybenzimidazole/Palladium Nanoparticles Hollow Fiber Membranes for Hydrogen Purification. <i>Advanced Energy Materials</i> , 2018 , 8, 1701567	21.8	28
126	Embedding 1D Conducting Channels into 3D Isoporous Polymer Films for High-Performance Humidity Sensing. <i>Angewandte Chemie</i> , 2018 , 130, 11388-11392	3.6	
125	Nanochannels: Functionalized Nanochannels from Self-Assembled and Photomodified Poly(Styrene- <i>b</i> -Butadiene- <i>b</i> -Styrene) (Small 18/2018). <i>Small</i> , 2018 , 14, 1870083	11	
124	Unique cellulose/polydimethylsiloxane blends as an advanced hybrid material for organic solvent nanofiltration and pervaporation membranes. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13685-13695	13	16
123	Self-assembly of polystyrene- <i>b</i> -poly(2-vinylpyridine)- <i>b</i> -poly(ethylene oxide) triblock terpolymers. <i>European Polymer Journal</i> , 2018 , 100, 121-131	5.2	9
122	CO ₂ Selective, Zeolitic Imidazolate Framework-7 Based Polymer Composite Mixed-Matrix Membranes. <i>Journal of Materials Science Research</i> , 2018 , 7, 1	1	2
121	Self-Assembled Membranes with Featherlike and Lamellar Morphologies Containing β -Helical Polypeptides. <i>Macromolecules</i> , 2018 , 51, 8174-8187	5.5	9
120	A catechin/cellulose composite membrane for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2018 , 567, 139-145	9.6	39
119	Effective Interfacially Polymerized Polyester Solvent Resistant Nanofiltration Membrane from Bioderived Materials. <i>Advanced Sustainable Systems</i> , 2018 , 2, 1800043	5.9	12
118	Cellulose-polyethyleneimine blend membranes with anomalous nanofiltration performance. <i>Journal of Membrane Science</i> , 2018 , 564, 97-105	9.6	19
117	Embedding 1D Conducting Channels into 3D Isoporous Polymer Films for High-Performance Humidity Sensing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11218-11222	16.4	21
116	Polydopamine/Cysteine surface modified isoporous membranes with self-cleaning properties. <i>Journal of Membrane Science</i> , 2017 , 529, 185-194	9.6	46
115	Colloidal Gold Nanoclusters Spiked Silica Fillers in Mixed Matrix Coatings: Simultaneous Detection and Inhibition of Healthcare-Associated Infections. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601135	10.1	17
114	A Metal Chelating Porous Polymeric Support: The Missing Link for a Defect-Free Metal-Organic Framework Composite Membrane. <i>Angewandte Chemie</i> , 2017 , 129, 3011-3014	3.6	16
113	A Metal Chelating Porous Polymeric Support: The Missing Link for a Defect-Free Metal-Organic Framework Composite Membrane. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2965-2968	16.4	80
112	Cyclodextrin Films with Fast Solvent Transport and Shape-Selective Permeability. <i>Advanced Materials</i> , 2017 , 29, 1606641	24	99
111	Bioinspired tannic acid-copper complexes as selective coating for nanofiltration membranes. <i>Separation and Purification Technology</i> , 2017 , 184, 188-194	8.3	52
110	Composite Membrane Formation by Combination of Reaction-Induced and Nonsolvent-Induced Phase Separation. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700131	3.9	10

109	Graphene oxide doped ionic liquid ultrathin composite membranes for efficient CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 649-656	13	56
108	Polybenzimidazole-based mixed membranes with exceptionally high water vapor permeability and selectivity. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21807-21819	13	21
107	Thin Film Polyamide Membranes with Photoresponsive Antibacterial Activity. <i>ChemistrySelect</i> , 2017 , 2, 6612-6616	1.8	5
106	Tannin-based thin-film composite membranes for solvent nanofiltration. <i>Journal of Membrane Science</i> , 2017 , 541, 137-142	9.6	43
105	Pebax [®] 1657/Graphene oxide composite membranes for improved water vapor separation. <i>Journal of Membrane Science</i> , 2017 , 525, 187-194	9.6	70
104	Crosslinked poly(ether block amide) composite membranes for organic solvent nanofiltration applications. <i>Journal of Membrane Science</i> , 2017 , 523, 264-272	9.6	62
103	COEPhylic Thin Film Composite Membranes: Synthesis and Characterization of PAN-r-PEGMA Copolymer. <i>Polymers</i> , 2017 , 9,	4.5	11
102	Charge- and Size-Selective Molecular Separation using Ultrathin Cellulose Membranes. <i>ChemSusChem</i> , 2016 , 9, 2908-2911	8.3	24
101	Sub-6 nm Thin Cross-Linked Dopamine Films with High Pressure Stability for Organic Solvent Nanofiltration. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1437-1442	3.9	19
100	Asymmetric block copolymer membranes with ultrahigh porosity and hierarchical pore structure by plain solvent evaporation. <i>Chemical Communications</i> , 2016 , 52, 12064-12067	5.8	13
99	Antibiofilm effect enhanced by modification of 1,2,3-triazole and palladium nanoparticles on polysulfone membranes. <i>Scientific Reports</i> , 2016 , 6, 24289	4.9	16
98	Charge- and Size-Selective Molecular Separation using Ultrathin Cellulose Membranes. <i>ChemSusChem</i> , 2016 , 9, 2873-2873	8.3	3
97	Design of block copolymer membranes using segregation strength trend lines. <i>Molecular Systems Design and Engineering</i> , 2016 , 1, 278-289	4.6	19
96	Polyanionic pH-responsive polystyrene-b-poly(4-vinyl pyridine-N-oxide) isoporous membranes. <i>Journal of Membrane Science</i> , 2016 , 501, 161-168	9.6	35
95	Polymer supported ZIF-8 membranes by conversion of sputtered zinc oxide layers. <i>Microporous and Mesoporous Materials</i> , 2016 , 220, 215-219	5.3	40
94	Polymer and Membrane Design for Low Temperature Catalytic Reactions. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 700-4	4.8	13
93	In situ growth of biocidal AgCl crystals in the top layer of asymmetric polytriazole membranes. <i>RSC Advances</i> , 2016 , 6, 46696-46701	3.7	11
92	Nanostructured double hydrophobic poly(styrene-b-methyl methacrylate) block copolymer membrane manufactured via a phase inversion technique. <i>RSC Advances</i> , 2016 , 6, 29064-29071	3.7	10

91	Novel adsorptive ultrafiltration membranes derived from polyvinyltetrazole-co-polyacrylonitrile for Cu(II) ions removal. <i>Chemical Engineering Journal</i> , 2016 , 301, 306-314	14.7	42
90	Application of thin film cellulose composite membrane for dye wastewater reuse. <i>Journal of Water Process Engineering</i> , 2016 , 13, 176-182	6.7	22
89	Artificial membranes with selective nanochannels for protein transport. <i>Polymer Chemistry</i> , 2016 , 7, 6189-6201	17	17
88	Thin-film composite crosslinked polythiosemicarbazide membranes for organic solvent nanofiltration (OSN). <i>Reactive and Functional Polymers</i> , 2015 , 86, 225-232	4.6	29
87	CO ₂ -selective PEO-PBT (PolyActive)/graphene oxide composite membranes. <i>Chemical Communications</i> , 2015 , 51, 14187-90	5.8	79
86	Complexation-induced phase separation: preparation of composite membranes with a nanometer-thin dense skin loaded with metal ions. <i>Nano Letters</i> , 2015 , 15, 3166-71	11.5	21
85	Ionic liquids as self-assembly guide for the formation of nanostructured block copolymer membranes. <i>Journal of Membrane Science</i> , 2015 , 492, 568-577	9.6	30
84	Topology and Shape Control for Assemblies of Block Copolymer Blends in Solution. <i>Macromolecules</i> , 2015 , 48, 8036-8044	5.5	17
83	Self-Assembled Asymmetric Block Copolymer Membranes: Bridging the Gap from Ultra- to Nanofiltration. <i>Angewandte Chemie</i> , 2015 , 127, 14143-14147	3.6	11
82	Cross-linked PAN-based thin-film composite membranes for non-aqueous nanofiltration. <i>Reactive and Functional Polymers</i> , 2015 , 86, 243-247	4.6	72
81	Innentitelbild: Self-Assembled Asymmetric Block Copolymer Membranes: Bridging the Gap from Ultra- to Nanofiltration (Angew. Chem. 47/2015). <i>Angewandte Chemie</i> , 2015 , 127, 14030-14030	3.6	1
80	Hollow ZIF-8 Nanoworms from Block Copolymer Templates. <i>Scientific Reports</i> , 2015 , 5, 15275	4.9	24
79	Self-Assembled Asymmetric Block Copolymer Membranes: Bridging the Gap from Ultra- to Nanofiltration. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13937-41	16.4	101
78	Cellulose multilayer membranes manufacture with ionic liquid. <i>Journal of Membrane Science</i> , 2015 , 490, 282-293	9.6	63
77	Crosslinked cellulose thin film composite nanofiltration membranes with zero salt rejection. <i>Journal of Membrane Science</i> , 2015 , 491, 132-137	9.6	53
76	Self-Assembled Isoporous Block Copolymer Membranes with Tuned Pore Sizes. <i>Angewandte Chemie</i> , 2014 , 126, 10236-10240	3.6	19
75	Poly-thiosemicarbazide membrane for gold recovery. <i>Separation and Purification Technology</i> , 2014 , 136, 94-104	8.3	21
74	Self-assembled isoporous block copolymer membranes with tuned pore sizes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10072-6	16.4	75

73	Block copolymer/homopolymer dual-layer hollow fiber membranes. <i>Journal of Membrane Science</i> , 2014 , 472, 39-44	9.6	31
72	Time-resolved GISAXS and cryo-microscopy characterization of block copolymer membrane formation. <i>Polymer</i> , 2014 , 55, 1327-1332	3.9	46
71	Biomimetic block copolymer particles with gated nanopores and ultrahigh protein sorption capacity. <i>Nature Communications</i> , 2014 , 5, 4110	17.4	106
70	Isoporous PS-b-PEO ultrafiltration membranes via self-assembly and water-induced phase separation. <i>Journal of Membrane Science</i> , 2014 , 453, 471-477	9.6	67
69	Poly-thiosemicarbazide/gold nanoparticles catalytic membrane: In-situ growth of well-dispersed, uniform and stable gold nanoparticles in a polymeric membrane. <i>Catalysis Today</i> , 2014 , 236, 92-97	5.3	22
68	Zeolite-imidazolate framework (ZIF-8) membrane synthesis on a mixed-matrix substrate. <i>Chemical Communications</i> , 2013 , 49, 9419-21	5.8	43
67	Self-assembly in casting solutions of block copolymer membranes. <i>Soft Matter</i> , 2013 , 9, 5557	3.6	88
66	Complexation-tailored morphology of asymmetric block copolymer membranes. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7152-9	9.5	61
65	Block copolymer hollow fiber membranes with catalytic activity and pH-response. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7001-6	9.5	62
64	Selective separation of similarly sized proteins with tunable nanoporous block copolymer membranes. <i>ACS Nano</i> , 2013 , 7, 768-76	16.7	202
63	Carbon dioxide selective mixed matrix composite membrane containing ZIF-7 nano-fillers. <i>Journal of Membrane Science</i> , 2013 , 425-426, 235-242	9.6	340
62	Self-assembled block copolymer membranes: From basic research to large-scale manufacturing. <i>Journal of Materials Research</i> , 2013 , 28, 2661-2665	2.5	22
61	Solution Small-Angle X-ray Scattering as a Screening and Predictive Tool in the Fabrication of Asymmetric Block Copolymer Membranes. <i>ACS Macro Letters</i> , 2012 , 1, 614-617	6.6	87
60	From micelle supramolecular assemblies in selective solvents to isoporous membranes. <i>Langmuir</i> , 2011 , 27, 10184-90	4	92
59	Switchable pH-responsive polymeric membranes prepared via block copolymer micelle assembly. <i>ACS Nano</i> , 2011 , 5, 3516-22	16.7	241
58	Testing of nanostructured gas separation membranes in the flue gas of a post-combustion power plant. <i>International Journal of Greenhouse Gas Control</i> , 2011 , 5, 37-48	4.2	30
57	Ultraporous Films with Uniform Nanochannels by Block Copolymer Micelles Assembly. <i>Macromolecules</i> , 2010 , 43, 8079-8085	5.5	182
56	Tailoring Polymeric Membrane Based on Segmented Block Copolymers for CO ₂ Separation 2010 , 227-253		5

55	CO ₂ -Philic Polymer Membrane with Extremely High Separation Performance. <i>Macromolecules</i> , 2010 , 43, 326-333	5.5	252
54	Nanometric thin film membranes manufactured on square meter scale: ultra-thin films for CO ₂ capture. <i>Nanotechnology</i> , 2010 , 21, 395301	3.4	172
53	Quaternary ammonium membrane materials for CO ₂ separation. <i>Journal of Membrane Science</i> , 2010 , 359, 44-53	9.6	72
52	Nanostructured membrane material designed for carbon dioxide separation. <i>Journal of Membrane Science</i> , 2010 , 350, 124-129	9.6	177
51	Gas permeability and free volume in poly(amide-b-ethylene oxide)/polyethylene glycol blend membranes. <i>Journal of Membrane Science</i> , 2009 , 339, 177-183	9.6	115
50	Multilayer composite membranes for gas separation based on crosslinked PTMSP gutter layer and partially crosslinked Matrimid [®] 5218 selective layer. <i>Journal of Membrane Science</i> , 2009 , 340, 62-72	9.6	72
49	MEM-BRAIN gas separation membranes for zero-emission fossil power plants. <i>Energy Procedia</i> , 2009 , 1, 303-310	2.3	31
48	Strom aus Osmose-Kraftwerken. <i>Physik in Unserer Zeit</i> , 2008 , 39, 163-164	0.1	
47	Tailor-made Polymeric Membranes based on Segmented Block Copolymers for CO ₂ Separation. <i>Advanced Functional Materials</i> , 2008 , 18, 2815-2823	15.6	190
46	Pebax [®] /polyethylene glycol blend thin film composite membranes for CO ₂ separation: Performance with mixed gases. <i>Separation and Purification Technology</i> , 2008 , 62, 110-117	8.3	270
45	Membrane processes in energy supply for an osmotic power plant. <i>Desalination</i> , 2008 , 224, 64-70	10.3	283
44	A Novel Poly(4-methyl-2-pentyne)/TiO ₂ Hybrid Nanocomposite Membrane for Natural Gas Conditioning: Butane/Methane Separation. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2412-2418 ^{2.6}		34
43	Asymmetric superstructure formed in a block copolymer via phase separation. <i>Nature Materials</i> , 2007 , 6, 992-6	27	580
42	Gas Transport Properties of Poly(trimethylsilylpropyne) and Ethylcellulose Filled with Different Molecular Weight Trimethylsilylsaccharides: Impact on Fractional Free Volume and Chain Mobility. <i>Macromolecules</i> , 2007 , 40, 3213-3222	5.5	23
41	Synthesis, Characterization, and Membrane Properties of Poly(1-trimethylgermyl-1-propyne) and Its Nanocomposite with TiO ₂ . <i>Macromolecules</i> , 2007 , 40, 8991-8998	5.5	46
40	Hollow fiber membrane contactor for air humidity control: Modules and membranes. <i>Journal of Membrane Science</i> , 2006 , 276, 241-251	9.6	94
39	Influence of the diamine structure on the nanofiltration performance, surface morphology and surface charge of the composite polyamide membranes. <i>Journal of Membrane Science</i> , 2006 , 279, 266-275 ^{2.6}		130
38	Developments in Membrane Research: from Material via Process Design to Industrial Application. <i>Advanced Engineering Materials</i> , 2006 , 8, 328-358	3.5	194

37	Gas Transport Properties in a Novel Poly(trimethylsilylpropyne) Composite Membrane with Nanosized Organic Filler Trimethylsilylglucose. <i>Macromolecules</i> , 2006 , 39, 4093-4100	5.5	37
36	Poly(1-trimethylgermyl-1-propyne): synthesis, characterisation and transport properties of pure polymers and nanocomposites. <i>Desalination</i> , 2006 , 199, 198-199	10.3	4
35	Highly ordered membrane structures from block copolymers. <i>Desalination</i> , 2006 , 199, 124-126	10.3	3
34	Hybrid membrane materials with different metal-organic frameworks (MOFs) for gas separation. <i>Desalination</i> , 2006 , 200, 424-426	10.3	188
33	Gas transport properties of segmented poly(ether siloxane urethane urea) membranes. <i>Journal of Membrane Science</i> , 2006 , 281, 747-753	9.6	37
32	Membranes for gas separation based on poly(1-trimethylsilyl-1-propyne)/silica nanocomposites. <i>Journal of Membrane Science</i> , 2005 , 246, 13-25	9.6	184
31	Thin-film composite hollow fiber membranes: An optimized manufacturing method. <i>Journal of Membrane Science</i> , 2005 , 264, 48-55	9.6	91
30	New composite hollow fiber membrane for nanofiltration. <i>Desalination</i> , 2005 , 184, 1-11	10.3	68
29	Neue Membranen und Prozesse für die Trennung von Gasen und Dämpfen. <i>Chemie-Ingenieur-Technik</i> , 2003 , 75, 1159-1160	0.8	2
28	Gas separation properties of aromatic polyimides. <i>Journal of Membrane Science</i> , 2003 , 215, 61-73	9.6	91
27	Hybridverfahren zur Abluftreinigung. <i>Chemie-Ingenieur-Technik</i> , 2002 , 74, 1679-1685	0.8	3
26	Development of facilitated transport membranes for the separation of olefins from gas streams. <i>Desalination</i> , 2002 , 145, 339-345	10.3	25
25	Multifunctional system for treatment of wastewaters from adhesive-producing industries: separation of solids and oxidation of dissolved pollutants using doted microfiltration membranes. <i>Chemical Engineering Science</i> , 2002 , 57, 1661-1664	4.4	32
24	Membranes in Fuel Cells. <i>Journal of Membrane Science</i> , 2001 , 185, 1	9.6	20
23	Polymeric composite ultrafiltration membranes for non-aqueous applications. <i>Environmental Progress</i> , 2001 , 20, 17-22		15
22	Hochselektive Stofftrennungen mit Carriermembranen – Stand der Entwicklung und Erwartungen. <i>Chemie-Ingenieur-Technik</i> , 2001 , 73, 297-303	0.8	3
21	Recycling of washing waters from bottle cleaning machines using membranes. <i>Desalination</i> , 2000 , 131, 55-63	10.3	12
20	Poly(ether imide) membranes obtained from solution in cosolvent mixtures. <i>Polymer</i> , 1998 , 39, 3411-3416	10.3	36

19	Nitrate removal of drinking water by means of catalytically active membranes. <i>Journal of Membrane Science</i> , 1998 , 151, 3-11	9.6	71
18	Celluloseether als Trennschichten hydrophiler Polymermembranen. <i>Angewandte Makromolekulare Chemie</i> , 1997 , 249, 11-32		3
17	Novel polyamide composite membranes for gas separation prepared by interfacial polycondensation. <i>Journal of Applied Polymer Science</i> , 1997 , 63, 1557-1563	2.9	40
16	Membranes for separation of higher hydrocarbons from methane. <i>Journal of Membrane Science</i> , 1996 , 110, 37-45	9.6	115
15	Dehydration of organic compounds with SYMPLEX composite membranes. <i>Journal of Membrane Science</i> , 1996 , 113, 1-5	9.6	26
14	Effects of film thickness on density and gas permeation parameters of glassy polymers. <i>Journal of Membrane Science</i> , 1996 , 112, 275-285	9.6	99
13	Novel highly permselective 6F-poly(amide-imide)s as membrane host for nano-sized catalysts. <i>Journal of Membrane Science</i> , 1995 , 99, 29-38	9.6	68
12	Dense hydrophilic composite membranes for ultrafiltration. <i>Journal of Membrane Science</i> , 1995 , 106, 49-56	9.6	141
11	Catalysis with homogeneous membranes loaded with nanoscale metallic clusters and their preparation. <i>Catalysis Today</i> , 1995 , 25, 277-283	5.3	34
10	Silicone/non-silicone grafted blend composite membranes for air/vapor separation. <i>Desalination</i> , 1993 , 90, 235-247	10.3	14
9	Ultrafiltration membranes from poly(ether sulfonamide)/poly(ether imide) blends. <i>Journal of Membrane Science</i> , 1993 , 79, 83-91	9.6	24
8	Ceramic zeolite composite membranes.. <i>Journal of Membrane Science</i> , 1993 , 82, 15-26	9.6	100
7	Abtrennung und Rückgewinnung von organischen Dämpfen aus Abluft mit Hilfe von Membranen Grundlagen der Membranen, Module und Verfahrensauslegung. <i>Vakuum in Forschung Und Praxis</i> , 1993 , 5, 111-115	0.3	
6	A fixed-site carrier composite membrane for NH ₃ /N ₂ separation. <i>Separation and Purification Technology</i> , 1992 , 6, 79-81		2
5	Preparation of hollow fiber membranes from polyetherimide for gas separation. <i>Journal of Membrane Science</i> , 1992 , 65, 295-307	9.6	74
4	Molecular sieving effect of the zeolite-filled silicone rubber membranes in gas permeation. <i>Journal of Membrane Science</i> , 1991 , 57, 289-292	9.6	230
3	Removal of Organic Pollutants from Gaseous and Liquid Effluent Streams by Membranes. <i>Water Science and Technology</i> , 1991 , 24, 1-9	2.2	3
2	Salz- contra Wasser107-108		

1 Salty vs. Fresh Water 107-108