

Gero Decher

List of Publications by Year in descending order

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141
papers

29,374
citations

18465

62
h-index

11601

135
g-index

173
all docs

173
docs citations

173
times ranked

17560
citing authors

#	ARTICLE	IF	CITATIONS
1	There is still plenty of room for layer-by-layer assembly for constructing nanoarchitectonics-based materials and devices. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4097-4115.	1.3	75
2	Polarization-dependent optical band gap energy of aligned semiconducting titanium oxide nanowire deposits. <i>Nanoscale</i> , 2021, 13, 8958-8965.	2.8	8
3	Nanoscale Bouligand Multilayers: Giant Circular Dichroism of Helical Assemblies of Plasmonic 1D Nano-Objects. <i>ACS Nano</i> , 2021, 15, 13653-13661.	7.3	20
4	Structure-Dependent Chiroptical Properties of Twisted Multilayered Silver Nanowire Assemblies. <i>Nano Letters</i> , 2021, 21, 8298-8303.	4.5	15
5	In-plane aligned assemblies of 1D-nanoobjects: recent approaches and applications. <i>Chemical Society Reviews</i> , 2020, 49, 509-553.	18.7	51
6	Assembly of Anisotropic Nanocellulose Films Stronger than the Original Tree. <i>ACS Nano</i> , 2020, 14, 16525-16534.	7.3	19
7	Virtually Transparent TiO ₂ /Polyelectrolyte Thin Multilayer Films as High-Efficiency Nanoporous Photocatalytic Coatings for Breaking Down Formic Acid and for <i>Escherichia coli</i> Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55766-55781.	4.0	7
8	The Future of Layer-by-Layer Assembly: A Tribute to <i>ACS Nano</i> Associate Editor Helmuth M \ddot{a} thwald. <i>ACS Nano</i> , 2019, 13, 6151-6169.	7.3	211
9	Development of an electron paramagnetic resonance methodology for studying the photo-generation of reactive species in semiconductor nano-particle assembled films. <i>Molecular Physics</i> , 2018, 116, 1558-1564.	0.8	4
10	Highly Oriented Nanowire Thin Films with Anisotropic Optical Properties Driven by the Simultaneous Influence of Surface Templating and Shear Forces. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3046-3057.	4.0	33
11	Fluorescence-enhanced bio-detection platforms obtained through controlled "step-by-step" clustering of silver nanoparticles. <i>Nanoscale</i> , 2018, 10, 848-855.	2.8	22
12	Sequences of Sequences: Spatial Organization of Coded Matter through Layer-by-Layer Assembly of Digital Polymers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15817-15821.	7.2	32
13	Sequences of Sequences: Spatial Organization of Coded Matter through Layer-by-Layer Assembly of Digital Polymers. <i>Angewandte Chemie</i> , 2018, 130, 16043-16047.	1.6	11
14	Control of the transfection efficiency of human dermal fibroblasts by adjusting the characteristics of jetPEI [®] /plasmid complexes/polyplexes through the cation/anion ratio. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 550, 193-198.	2.3	4
15	Generating in-Plane Orientational Order in Multilayer Films Prepared by Spray-Assisted Layer-by-Layer Assembly. <i>ACS Nano</i> , 2017, 11, 84-94.	7.3	61
16	What is really driving cell-surface interactions? Layer-by-layer assembled films may help to answer questions concerning cell attachment and response to biomaterials. <i>Biointerphases</i> , 2016, 11, 019009.	0.6	30
17	Layer-by-Layer Photocatalytic Assembly for Solar Light-Activated Self-Decontaminating Textiles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34438-34445.	4.0	15
18	Advanced fibroblast proliferation inhibition for biocompatible coating by electrostatic layer-by-layer assemblies of heparin and chitosan derivatives. <i>Journal of Colloid and Interface Science</i> , 2016, 474, 9-17.	5.0	38

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19	Self-Assembled Smart Nanocarriers for Targeted Drug Delivery. <i>Advanced Materials</i> , 2016, 28, 1302-1311.	11.1	189
20	Supramolecular Organic Nanowires as Plasmonic Interconnects. <i>ACS Nano</i> , 2016, 10, 2082-2090.	7.3	20
21	Layer-by-Layer assembled growth factor reservoirs for steering the response of 3T3-cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 79-86.	2.5	20
22	Bio-Inspired Multiproperty Materials: Strong, Self-Healing, and Transparent Artificial Wood Nanostructures. <i>ACS Nano</i> , 2015, 9, 1127-1136.	7.3	73
23	Tailoring preparation, structure and photocatalytic activity of layer-by-layer films for degradation of different target molecules. <i>Catalysis Today</i> , 2015, 246, 28-34.	2.2	12
24	Humidity-Tunable Electronic Conductivity of Polyelectrolyte Multilayers Containing Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9543-9549.	1.5	16
25	Monolithic cells for solar fuels. <i>Chemical Society Reviews</i> , 2014, 43, 7963-7981.	18.7	181
26	Size-Controlled Polyelectrolyte Complexes: Direct Measurement of the Balance of Forces Involved in the Triggered Collapse of Layer-by-Layer Assembled Nanocapsules. <i>Langmuir</i> , 2013, 29, 10713-10726.	1.6	14
27	Nanoprotective Layer-by-Layer Coatings with Epoxy Components for Enhancing Abrasion Resistance: Toward Robust Multimaterial Nanoscale Films. <i>ACS Nano</i> , 2013, 7, 9336-9344.	7.3	47
28	Novel Multilayer Thin Films: Hierarchic Layer-by-Layer (Hi-LbL) Assemblies. , 2012, , 69-81.		2
29	Layer-by-Layer Assembled Films Composed of "Charge Matched" and "Length Matched" Polysaccharides: Self-Patterning and Unexpected Effects of the Degree of Polymerization. <i>Biointerphases</i> , 2012, 7, 64.	0.6	11
30	Altering the Static Dipole on Surfaces through Chemistry: Molecular Films of Zwitterionic Quinonoids. <i>Journal of the American Chemical Society</i> , 2012, 134, 8494-8506.	6.6	37
31	Slow complexation dynamics between linear short polyphosphates and polyallylamines: analogies with "layer-by-layer" deposits. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3048.	1.3	27
32	Coupling Chemistry and Hybridization of DNA Molecules on Layer-by-Layer Modified Colloids. , 2012, , 711-729.		1
33	Layer-by-Layer Assembly: From Conventional to Unconventional Methods. , 2012, , 43-67.		2
34	LbL Assemblies Using van der Waals or Affinity Interactions and Their Applications. , 2012, , 99-133.		2
35	Magnetotunable Hybrid Films of Stratified Iron Oxide Nanoparticles Assembled by the Layer-by-Layer Technique. <i>Chemistry of Materials</i> , 2011, 23, 3668-3675.	3.2	49
36	Photocatalytically Active Polyelectrolyte/Nanoparticle Films for the Elimination of a Model Odorous Gas. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1145-1149.	2.0	13

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37	Macromol. Rapid Commun. 15/2011. Macromolecular Rapid Communications, 2011, 32, .	2.0	0
38	Covalent Layer-by-Layer Assembly and Solvent Memory of Multilayer Films from Homobifunctional Poly(dimethylsiloxane). Angewandte Chemie - International Edition, 2010, 49, 6116-6119.	7.2	34
39	Spray-On Organic/Inorganic Films: A General Method for the Formation of Functional Nano-to Microscale Coatings. Angewandte Chemie - International Edition, 2010, 49, 10110-10113.	7.2	73
40	Nanoscale Precipitation Coating: The Deposition of Inorganic Films through Step-by-Step Spray-Assembly. ACS Nano, 2010, 4, 4792-4798.	7.3	28
41	Step-by-Step Assembly of Self-Patterning Polyelectrolyte Films Violating (Almost) All Rules of Layer-by-Layer Deposition. Journal of the American Chemical Society, 2010, 132, 8264-8265.	6.6	79
42	Influence of Cu(I)-Alkyne π -Complex Charge on the Step-by-Step Film Buildup through Sharpless Click Reaction. Macromolecules, 2010, 43, 3994-3997.	2.2	25
43	Step-by-Step Build-Up of Biologically Active Cell-Containing Stratified Films Aimed at Tissue Engineering. Advanced Materials, 2009, 21, 650-655.	11.1	43
44	Are sprayed LbL-films stratified? A first assessment of the nanostructure of spray-assembled multilayers by neutron reflectometry. Comptes Rendus Chimie, 2009, 12, 225-234.	0.2	63
45	Hierarchical functional gradients of pH-responsive self-assembled monolayers using dynamic covalent chemistry on surfaces. Nature Chemistry, 2009, 1, 649-656.	6.6	161
46	Multifunctional Cytotoxic Stealth Nanoparticles. A Model Approach with Potential for Cancer Therapy. Nano Letters, 2009, 9, 636-642.	4.5	128
47	Polyelectrolyte Multilayers Capped with Polyelectrolytes Bearing Phosphorylcholine and Triethylene Glycol Groups: Parameters Influencing Antifouling Properties. Langmuir, 2009, 25, 3610-3617.	1.6	44
48	Nitrochalcones as organogelators: evidence of the involvement of nitro groups and solvent in gel formation. New Journal of Chemistry, 2009, 33, 2028.	1.4	4
49	Polyelectrolyte multilayer coatings that resist protein adsorption at rest and under stretching. Journal of Materials Chemistry, 2008, 18, 4242.	6.7	30
50	The Build-Up of Polyelectrolyte Multilayers of Microfibrillated Cellulose and Cationic Polyelectrolytes. Langmuir, 2008, 24, 784-795.	1.6	742
51	Functional Core/Shell Nanoparticles via Layer-by-Layer Assembly. Investigation of the Experimental Parameters for Controlling Particle Aggregation and for Enhancing Dispersion Stability. Langmuir, 2008, 24, 1778-1789.	1.6	191
52	From "Nano-bags" to "Micro-pouches": Understanding and Tweaking Flocculation-based Processes for the Preparation of New Nanoparticle-Composites. Nano Letters, 2008, 8, 3598-3604.	4.5	31
53	Micro-stratified architectures based on successive stacking of alginate gel layers and poly(L-lysine)-hyaluronic acid multilayer films aimed at tissue engineering. Soft Matter, 2008, 4, 1422.	1.2	49
54	Influence of the Polyelectrolyte Molecular Weight on Exponentially Growing Multilayer Films in the Linear Regime. Langmuir, 2007, 23, 1898-1904.	1.6	198

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55	Design, synthesis, and degradation studies of new enzymatically erodible Poly(hydroxyethyl) Tj ETQq1 1 0.784314 ggBT /Overlock 10	0.6	12
56	Synthesis of Polyelectrolytes Bearing Phosphorylcholine Moieties. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2217-2223.	2.0	12
57	Bioactive coatings based on polyelectrolyte multilayer architectures functionalized by embedded proteins, peptides or drugs. <i>New Biotechnology</i> , 2007, 24, 33-41.	2.7	70
58	From Exponential to Linear Growth in Polyelectrolyte Multilayers. <i>Langmuir</i> , 2006, 22, 4376-4383.	1.6	273
59	Distance-Dependent Fluorescence Quenching on Gold Nanoparticles Ensheathed with Layer-by-Layer Assembled Polyelectrolytes. <i>Nano Letters</i> , 2006, 6, 530-536.	4.5	407
60	Preparation of Ultrathin Self-Standing Polyelectrolyte Multilayer Membranes at Physiological Conditions Using pH-Responsive Film Segments as Sacrificial Layers. <i>Nano Letters</i> , 2006, 6, 592-598.	4.5	134
61	Controlling the pathway of formation of supported lipid bilayers of DMPC by varying the sodium chloride concentration. <i>Thin Solid Films</i> , 2006, 495, 246-251.	0.8	50
62	Synthesis of a New PHEMA/PEO Enzymatically Biodegradable Hydrogel. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1004-1008.	2.0	20
63	Adsorption of polystyrene-poly(4-vinylpyridine) diblock copolymer on the assembled latex film. <i>European Polymer Journal</i> , 2005, 41, 1531-1538.	2.6	9
64	Self-Assembled Diamide Nanotubes in Organic Solvents. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3260-3264.	7.2	74
65	Hydrophobization of multilayered film containing layer-by-layer assembled nanoparticle by Nafion adsorption. <i>Polymer Bulletin</i> , 2005, 53, 425-434.	1.7	16
66	Dissipation-Enhanced Quartz Crystal Microbalance Studies on the Experimental Parameters Controlling the Formation of Supported Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21755-21765.	1.2	104
67	Dipping versus Spraying: Exploring the Deposition Conditions for Speeding Up Layer-by-Layer Assembly. <i>Langmuir</i> , 2005, 21, 7558-7567.	1.6	412
68	Ultrathin Coatings and (Poly(glutamic acid)/Polyallylamine) Films Deposited by Continuous and Simultaneous Spraying. <i>Langmuir</i> , 2005, 21, 800-802.	1.6	90
69	Layer by Layer Self-Assembled Polyelectrolyte Multilayers with Embedded Phospholipid Vesicles Obtained by Spraying: Integrity of the Vesicles. <i>Langmuir</i> , 2005, 21, 7854-7859.	1.6	92
70	Control of Monocyte Morphology on and Response to Model Surfaces for Implants Equipped with Anti-Inflammatory Agent. <i>Advanced Materials</i> , 2004, 16, 1507-1511.	11.1	79
71	Direct Evidence for Vertical Diffusion and Exchange Processes of Polyanions and Polycations in Polyelectrolyte Multilayer Films. <i>Macromolecules</i> , 2004, 37, 1159-1162.	2.2	125
72	Controlling the Growth Regime of Polyelectrolyte Multilayer Films: Changing from Exponential to Linear Growth by Adjusting the Composition of Polyelectrolyte Mixtures. <i>Langmuir</i> , 2004, 20, 1980-1985.	1.6	142

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73	Improvement of Stability and Cell Adhesion Properties of Polyelectrolyte Multilayer Films by Chemical Cross-Linking. <i>Biomacromolecules</i> , 2004, 5, 284-294.	2.6	408
74	From Functional Core/Shell Nanoparticles Prepared via Layer-by-Layer Deposition to Empty Nanospheres. <i>Nano Letters</i> , 2004, 4, 1833-1839.	4.5	352
75	Bioactive Coatings Based on a Polyelectrolyte Multilayer Architecture Functionalized by Embedded Proteins. <i>Advanced Materials</i> , 2003, 15, 692-695.	11.1	232
76	New bisamides gelators: relationship between chemical structure and fiber morphology. <i>Tetrahedron Letters</i> , 2003, 44, 3171-3174.	0.7	32
77	Comparison of the Structure of Polyelectrolyte Multilayer Films Exhibiting a Linear and an Exponential Growth Regime: An in Situ Atomic Force Microscopy Study. <i>Macromolecules</i> , 2002, 35, 4458-4465.	2.2	478
78	Organogelation Properties of a Series of Oligoamides. <i>Langmuir</i> , 2002, 18, 5668-5672.	1.6	34
79	New Synthetic Oligoamide Gelators: Structural Study by X-ray and Neutron Scattering. <i>Langmuir</i> , 2002, 18, 7167-7173.	1.6	22
80	Protein adsorption onto auto-assembled polyelectrolyte films. <i>New Biotechnology</i> , 2002, 19, 273-280.	2.7	91
81	Layer-by-Layer Assembly of Titania Nanosheet/Polycation Composite Films. <i>Chemistry of Materials</i> , 2001, 13, 4661-4667.	3.2	355
82	Protein Adsorption onto Auto-Assembled Polyelectrolyte Films. <i>Langmuir</i> , 2001, 17, 878-882.	1.6	199
83	Buildup Mechanism for Poly(L-lysine)/Hyaluronic Acid Films onto a Solid Surface. <i>Langmuir</i> , 2001, 17, 7414-7424.	1.6	647
84	Peptide Hormone Covalently Bound to Polyelectrolytes and Embedded into Multilayer Architectures Conserving Full Biological Activity. <i>Biomacromolecules</i> , 2001, 2, 800-805.	2.6	209
85	Tuning the Performance of Layer-by-Layer Assembled Organic Light Emitting Diodes by Controlling the Position of Isolating Clay Barrier Sheets. <i>Nano Letters</i> , 2001, 1, 45-49.	4.5	142
86	Title is missing!. <i>European Physical Journal E</i> , 2001, 6, 351-358.	0.7	18
87	Polyelectrolytes I: Polyanion/Polycation Multilayers at the Air/Monolayer/Water Interface as Elements for Quantitative Polymer Adsorption Studies and Preparation of Hetero-superlattices on Solid Surfaces. <i>Langmuir</i> , 2000, 16, 8871-8878.	1.6	245
88	Multilayer ultrathin films of molecular titania nanosheets showing highly efficient UV-light absorption. <i>Chemical Communications</i> , 2000, , 2163-2164.	2.2	113
89	In Situ Determination of the Structural Properties of Initially Deposited Polyelectrolyte Multilayers. <i>Langmuir</i> , 2000, 16, 1249-1255.	1.6	569
90	Influence of Polyelectrolyte Multilayer Films on Calcium Phosphate Nucleation. <i>Journal of the American Chemical Society</i> , 2000, 122, 8998-9005.	6.6	104

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91	Protein Interactions with Polyelectrolyte Multilayers: Interactions between Human Serum Albumin and Polystyrene Sulfonate/Polyallylamine Multilayers. <i>Biomacromolecules</i> , 2000, 1, 674-687.	2.6	182
92	Toward folding control in oligomers and polymers. <i>Tetrahedron Letters</i> , 1999, 40, 1677-1680.	0.7	7
93	Chemical modification of Topaz surfaces. <i>Materials Science and Engineering C</i> , 1999, 10, 97-101.	3.8	6
94	Layer-by-layer assembled multicomposite films. <i>Current Opinion in Colloid and Interface Science</i> , 1998, 3, 32-39.	3.4	341
95	Layer-by-layer assembled protein/polymer hybrid films: nanoconstruction via specific recognition. <i>Supramolecular Science</i> , 1998, 5, 309-315.	0.7	103
96	Detailed Structure of Molecularly Thin Polyelectrolyte Multilayer Films on Solid Substrates as Revealed by Neutron Reflectometry. <i>Macromolecules</i> , 1998, 31, 8893-8906.	2.2	555
97	Nonlinear Optical Properties of Polyelectrolyte Thin Films Containing Gold Nanoparticles Investigated by Wavelength Dispersive Femtosecond Degenerate Four Wave Mixing (DFWM). <i>Advanced Materials</i> , 1998, 10, 338-341.	11.1	1
98	Characterization of Zirconium Phosphate/Polycation Thin Films Grown by Sequential Adsorption Reactions. <i>Chemistry of Materials</i> , 1997, 9, 1414-1421.	3.2	249
99	Molecular Multilayer Films: The Quest for Order, Orientation, and Optical Properties. <i>ACS Symposium Series</i> , 1997, , 445-459.	0.5	10
100	Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites. <i>Science</i> , 1997, 277, 1232-1237.	6.0	9,458
101	Metal nanoparticle/polymer superlattice films: Fabrication and control of layer structure. <i>Advanced Materials</i> , 1997, 9, 61-65.	11.1	553
102	Reversible swelling of polyanion/polycation multilayer films in solutions of different ionic strength. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1996, 100, 948-953.	0.9	141
103	Assembly of polyelectrolyte multilayer films by consecutively alternating adsorption of polynucleotides and polycations. <i>Thin Solid Films</i> , 1996, 284-285, 220-223.	0.8	157
104	Photo-crosslinking in freely-suspended films of ferroelectric lc-polymers. <i>Advanced Materials</i> , 1995, 7, 849-852.	11.1	16
105	Determination of optical constants of molecular films assembled via alternate polyion adsorption. <i>Thin Solid Films</i> , 1995, 254, 246-251.	0.8	139
106	Neutron reflectivity analysis of self-assembled film superlattices with alternate layers of deuterated and hydrogenated polystyrenesulfonate and polyallylamine. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 954-956.	1.3	90
107	X-ray analysis of ultrathin polymer films self-assembled onto substrates. <i>Physica B: Condensed Matter</i> , 1994, 198, 89-91.	1.3	62
108	New nanocomposite films for biosensors: layer-by-layer adsorbed films of polyelectrolytes, proteins or DNA. <i>Biosensors and Bioelectronics</i> , 1994, 9, 677-684.	5.3	365

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109	Proof of multilayer structural organization in self-assembled polycation-polyanion molecular films. <i>Thin Solid Films</i> , 1994, 244, 772-777.	0.8	456
110	Successive Deposition of Alternate Layers of Polyelectrolytes and a Charged Virus. <i>Langmuir</i> , 1994, 10, 4232-4236.	1.6	307
111	Internal structure of layer-by-layer adsorbed polyelectrolyte films: a neutron and x-ray reflectivity study. <i>Macromolecules</i> , 1993, 26, 7058-7063.	2.2	431
112	A comparative atomic force microscopic study of liquid crystal films: transferred freely-suspended vs. Langmuir-Blodgett. Morphology, lattice, and manipulation. <i>Langmuir</i> , 1993, 9, 341-346.	1.6	45
113	The supramolecular self-organization of an amphotropic cholesterol derivative Micelles, liposomes and liquid-crystalline phases. <i>Liquid Crystals</i> , 1993, 13, 57-69.	0.9	35
114	Assembly, structural characterization, and thermal behavior of layer-by-layer deposited ultrathin films of poly(vinyl sulfat) and poly(allylamine). <i>Langmuir</i> , 1993, 9, 481-486.	1.6	897
115	Assembly of thin films by means of successive deposition of alternate layers of DNA and poly(allylamine). <i>Macromolecules</i> , 1993, 26, 5396-5399.	2.2	472
116	Assembly of polyelectrolyte molecular films onto plasma-treated glass. <i>The Journal of Physical Chemistry</i> , 1993, 97, 12835-12841.	2.9	109
117	Combination of polycation/polyanion self-assembly and Langmuir-Blodgett transfer for the construction of superlattice films. <i>The Journal of Physical Chemistry</i> , 1993, 97, 13773-13777.	2.9	134
118	Supramolekulare Chemie: Ultradünne Schichten aus Polyelektrolyten. <i>Nachrichten Aus Der Chemie</i> , 1993, 41, 793-800.	0.0	33
119	Creation and structural comparison of ultrathin film assemblies: transferred freely suspended films and Langmuir-Blodgett films of liquid crystals. <i>Thin Solid Films</i> , 1992, 210-211, 504-507.	0.8	39
120	Buildup of ultrathin multilayer films by a self-assembly process: III. Consecutively alternating adsorption of anionic and cationic polyelectrolytes on charged surfaces. <i>Thin Solid Films</i> , 1992, 210-211, 831-835.	0.8	2,491
121	Buildup of ultrathin multilayer films by a self-assembly process, 1 consecutive adsorption of anionic and cationic bipolar amphiphiles on charged surfaces. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 46, 321-327.	0.6	1,270
122	Spectroscopic studies of the stability of monolayers of 2â€¢docosylaminoâ€¢nitroipyridine at the air/water interface. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 46, 19-26.	0.6	6
123	New amphiphilic terphenyl liquid crystals for the preparation of highly ordered ultrathin films. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 46, 313-319.	0.6	4
124	Highly-ordered ultrathin lc multilayer films on solid substrates. <i>Advanced Materials</i> , 1991, 3, 617-619.	11.1	28
125	Freely suspended liquid crystal film transfer: A new method of creating thin smectic films on solid substrates. <i>Applied Physics Letters</i> , 1991, 59, 917-919.	1.5	24
126	Giant liposomes as model membranes for immunological studies: spontaneous insertion of purified K1-antigen (poly-1±-2,8-NeuAc) of <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1023, 357-364.	1.4	17

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127	Optical Studies of Amphiphilic Molecules with Interesting Electro-Optical and Non-Linear Optical Properties. NATO ASI Series Series B: Physics, 1990, , 591-604.	0.2	0
128	Interaction of amphiphilic polymers with model membranes. Angewandte Makromolekulare Chemie, 1989, 166, 71-80.	0.3	39
129	Structural investigations of Langmuir-Blodgett films of 2-docosylamino-5-nitropyridine, a new type of non-centrosymmetric multilayer for use in non-linear optics. Thin Solid Films, 1989, 178, 445-451.	0.8	24
130	Optical second harmonic generation in Langmuir-Blodgett films of novel donor-acceptor substituted pyridine and benzene derivatives. Ferroelectrics, 1989, 91, 193-207.	0.3	71
131	Thermochromic Langmuir-Blodgett films of a novel amphiphilic azo dye with homogeneous chromophore orientation. Thin Solid Films, 1988, 160, 407-412.	0.8	17
132	Optical second-harmonic generation in Langmuir-Blodgett films of 2-docosylamino-5-nitropyridine. Journal of the Chemical Society Chemical Communications, 1988, , 933-934.	2.0	71
133	The geometry of allyl-alkali-metal compounds. A ¹³ C NMR reinvestigation. Journal of Organometallic Chemistry, 1984, 262, 1-10.	0.8	18
134	X-Ray crystal structure of [$\{o\text{-C}_6\text{H}_4(\text{CHPh})_2\}\{\text{Li}(\text{tmeda})\}_2\}$ (tmeda = $\text{Me}_2\text{NCH}_2\text{CH}_2\text{NMe}_2$). Unsymmetrical lithium bridging and (E,E)-conformation of the phenyl groups. Journal of the Chemical Society Chemical Communications, 1984, , 1493-1494.	2.0	14
135	The positions of the hydrogen atoms in allyllithium and solvated allyllithium species. A MNDO study. Journal of Organometallic Chemistry, 1983, 259, 31-36.	0.8	39
136	Strukturelle Modifikationen von FeZrF_6 . Zeitschrift Fur Kristallographie - Crystalline Materials, 1980, 153, 211-220.	0.4	14
137	Charge Balance and Transport in Polyelectrolyte Multilayers. , 0, , 99-132.		3
138	Polyelectrolyte Multilayers, an Overview. , 0, , 1-46.		22
139	Internally Structured Polyelectrolyte Multilayers. , 0, , 177-205.		0
140	Self-Assembly and Characterization of Electro-Optic Materials. , 0, , 461-486.		0
141	Layer-by-Layer Assembly of Nanoparticles and Nanocolloids: Intermolecular Interactions, Structure and Materials Perspectives. , 0, , 207-243.		10