Henning Menzel

List of Publications by Year
in descending order

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148 papers	3,515 citations	147801 31 h-index	182427 51 g-index
156 all docs	156 docs citations	156 times ranked	3982 citing authors

#	Article	IF	Citations
1	Spatially and Temporally Controllable BMP-2 and TGF-Î²₃ Double Release From Polycaprolactone Fiber Scaffolds via Chitosan-Based Polyelectrolyte Coatings. ACS Biomaterials Science and Engineering, 2024, 10, 89-98.	5.2	3
2	Production of highly aligned microfiber bundles from polymethyl methacrylate via stable jet electrospinning for organic solidâ€state lasers. Journal of Polymer Science, 2022, 60, 715-725.	3.8	6
3	Thermoresponsive Glycopolypeptide Containing Block Copolymers, Particle Formation, and Lectin Interaction. Macromolecular Bioscience, 2022, 22, e2100518.	4.1	4
4	Varying the sustained release of BMPâ€2 from chitosan nanogelâ€functionalized polycaprolactone fiber mats by different polycaprolactone surface modifications. Journal of Biomedical Materials Research - Part A, 2021, 109, 600-614.	4.0	13
5	Enzyme Degradable Polymersomes from Chitosanâ€•g â€[polyâ€•l â€lysineâ€•block â€îµâ€caprolactone] Copolymer. Macromolecular Bioscience, 2021, 21, 2000259.	4.1	8
6	ELISA- and Activity Assay-Based Quantification of BMP-2 Released In Vitro Can Be Biased by Solubility in â€œPhysiologicalâ€•Buffers and an Interfering Effect of Chitosan. Pharmaceutics, 2021, 13, 582.	4.5	2
7	Enzyme-Responsive Nanoparticles and Coatings Made from Alginate/Peptide Ciprofloxacin Conjugates as Drug Release System. Antibiotics, 2021, 10, 653.	3.7	17
8	Optimization of Critical Parameters for Carbodiimide Mediated Production of Highly Modified Chitosan. Polymers, 2021, 13, 2702.	4.5	10
9	Blending chitosanâ€gâ€poly(caprolactone) with poly(caprolactone) by electrospinning to produce functional fiber mats for tissue engineering applications. Journal of Applied Polymer Science, 2020, 137, 48650.	2.6	20
10	Possibilities and limitations of electrospun chitosanâ€coated polycaprolactone grafts for rotator cuff tear repair. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 186-197.	2.7	16
11	TGFâ€“Î²3 Loaded Electrospun Polycaprolacton Fibre Scaffolds for Rotator Cuff Tear Repair: An in Vivo Study in Rats. International Journal of Molecular Sciences, 2020, 21, 1046.	4.1	22
12	Sustained release of TGF-Î²3 from polysaccharide nanoparticles induces chondrogenic differentiation of human mesenchymal stromal cells. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110843.	5.0	10
13	Vascularization and biocompatibility of poly(Îµ-caprolactone) fiber mats for rotator cuff tear repair. PLoS ONE, 2020, 15, e0227563.	2.5	18
14	Title is missing!. , 2020, 15, e0227563.		0
15	Title is missing!. , 2020, 15, e0227563.		0
16	Title is missing!. , 2020, 15, e0227563.		0
17	Title is missing!. , 2020, 15, e0227563.		0
18	Title is missing!. , 2020, 15, e0227563.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0227563.		0
20	Chitosanâ€“Azide Nanoparticle Coating as a Degradation Barrier in Multilayered Polyelectrolyte Drug Delivery Systems. Biomolecules, 2019, 9, 573.	4.0	16
21	Layer-by-layer deposition of chitosan nanoparticles as drug-release coatings for PCL nanofibers. Biomaterials Science, 2019, 7, 233-246.	5.4	32
22	In vivo analysis of vascularization and biocompatibility of electrospun polycaprolactone fibre mats in the rat femur chamber. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1190-1202.	2.7	29
23	Impact of sterilization by electron beam, gamma radiation and X-rays on electrospun poly-(Îµ-caprolactone) fiber mats. Journal of Materials Science: Materials in Medicine, 2019, 30, 42.	3.6	30
24	Styrene based copolymers for consistent reactivity ratio evaluation. Materials Chemistry and Physics, 2018, 209, 227-232.	4.0	6
25	Attachment of nanoparticulate drug-release systems on poly(Îµ-caprolactone) nanofibers via a graftpolymer as interlayer. Colloids and Surfaces B: Biointerfaces, 2018, 163, 309-320.	5.0	29
26	Influence of photoinitiator concentration and irradiation time on the crosslinking performance of visible-light activated pullulan-HEMA hydrogels. International Journal of Biological Macromolecules, 2018, 120, 1884-1892.	7.5	19
27	Biocompatible Coatings from Smart Biopolymer Nanoparticles for Enzymatically Induced Drug Release. Biomolecules, 2018, 8, 103.	4.0	10
28	Behavior of ATRP-derived styrene and 4-vinylpyridine-based amphiphilic block copolymers in solution. Colloid and Polymer Science, 2018, 296, 1127-1135.	2.1	3
29	Influence of degree of substitution and folic acid coinitiator on pullulan-HEMA hydrogel properties crosslinked under visible-light initiating system. International Journal of Biological Macromolecules, 2018, 116, 1175-1185.	7.5	18
30	Photochemical coating of KaptonÂ® with hydrophilic polymers for the improvement of neural implants. Materials Science and Engineering C, 2017, 75, 286-296.	7.3	10
31	Methacrylate-Based Copolymers for Polymer Optical Fibers. Polymers, 2017, 9, 34.	4.5	14
32	Carboxylated camphorquinone as visible-light photoinitiator for biomedical application: Synthesis, characterization, and application. Arabian Journal of Chemistry, 2016, 9, 745-754.	4.9	94
33	Reduction of the elongation at break of thermoplastic polyolefins through melt blending with polylactide and the influence of the amount of compatibilizers and the viscosity ratios of the blend components on phase morphology and mechanics. Polymer Engineering and Science, 2016, 56, 905-913.	3.1	0
34	Influence of quaternization of ammonium on antibacterial activity and cytocompatibility of thin copolymer layers on titanium. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1507-1519.	3.5	11
35	Fibroblast growth on patterned polymeric coatings. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1456-1462.	1.8	0
36	In vivo comparative study of tissue reaction to bare and antimicrobial polymer coated transcutaneous implants. Materials Science and Engineering C, 2016, 61, 712-719.	7.3	8

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37	Biodegradable Chitosan Nanoparticle Coatings on Titanium for the Delivery of BMP-2. Biomolecules, 2015, 5, 3-19.	4.0	74
38	Introducing a Semi-Coated Model to Investigate Antibacterial Effects of Biocompatible Polymers on Titanium Surfaces. International Journal of Molecular Sciences, 2015, 16, 4327-4342.	4.1	18
39	Glycosylated Star Polypeptides from NCA Polymerization: Selective Binding as a Function of Degree of Branching and Glycosylation. Macromolecular Bioscience, 2015, 15, 74-81.	4.1	21
40	Nanoporous silica nanoparticles with spherical and anisotropic shape as fillers in dental composite materials. BioNanoMaterials, 2014, 15, .	1.4	13
41	Hydrophobic Spacers Enhance the Helicity and Lectin Binding of Synthetic, pH-Responsive Glycopolypeptides. Biomacromolecules, 2014, 15, 4528-4533.	5.4	18
42	Inhibition of fibroblast adhesion by covalently immobilized protein repellent polymer coatings studied by single cell force spectroscopy. Journal of Biomedical Materials Research - Part A, 2014, 102, 117-127.	4.0	19
43	Elucidation of the structure of poly(Î³-benzyl-l-glutamate) nanofibers and gel networks in a helicogenic solvent. Colloid and Polymer Science, 2013, 291, 1353-1363.	2.1	28
44	Encapsulation of proteins in hydrogel carrier systems for controlled drug delivery: Influence of network structure and drug size on release rate. Journal of Biotechnology, 2013, 163, 243-249.	3.8	106
45	Mobility of Green Fluorescent Protein in HydrogelâEBased DrugâEDelivery Systems Studied by Anisotropy and Fluorescence Recovery After Photobleaching. Macromolecular Bioscience, 2013, 13, 215-226.	4.1	11
46	Variations in polyethylene glycol brands and their influence on the preparation process of hydrogel microspheres. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 1215-1218.	4.3	3
47	Facile synthesis of pHâEresponsive glycopolypeptides with adjustable sugar density. Journal of Polymer Science Part A, 2013, 51, 3925-3931.	2.3	30
48	Antimicrobial surface coatings for a permanent percutaneous passage in the concept of osseointegrated extremity prosthesis. Biomedizinische Technik, 2012, 57, 467-71.	0.8	12
49	(E,E)â€1,2,3,4â€Tetracyclopropylbutaâ€1,3â€diene: Synthesis and Some of Its Properties. European Journal of Organic Chemistry, 2012, 2012, 6953-6958.	2.4	1
50	Fluxgate magnetorelaxometry: A new approach to study the release properties of hydrogel cylinders and microspheres. International Journal of Pharmaceutics, 2012, 436, 677-684.	5.2	6
51	Hydroxyethyl starch-based polymers for the controlled release of biomacromolecules from hydrogel microspheres. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 573-581.	4.3	36
52	Polypeptideâ€“Polymer Conjugates. Advances in Polymer Science, 2012, , 1-36.	0.8	6
53	HES-HEMA nanocomposite polymer hydrogels: swelling behavior and characterization. Journal of Polymer Research, 2012, 19, 1.	2.4	40
54	Fabrication and characterization of biocompatible nacre-like structures from Î±-zirconium hydrogen phosphate hydrate and chitosan. Journal of Colloid and Interface Science, 2012, 367, 74-82.	9.4	13

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55	Comparison of in vitro and in vivo protein release from hydrogel systems. Journal of Controlled Release, 2012, 162, 127-133.	9.9	23
56	Schutzschicht gegen Bakterien. Nachrichten Aus Der Chemie, 2011, 59, 1039-1043.	0.0	0
57	A Review of Developments in Electrospinning Technology: New Opportunities for the Design of Artificial Tissue Structures. International Journal of Artificial Organs, 2011, 34, 986-997.	1.4	64
58	Mechanical characterization of nacre as an ideal-model for innovative new endoprosthesis materials. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 191-196.	2.4	15
59	A new liquid chromatography/electrospray ionization mass spectrometry method for the analysis of underivatized aliphatic longâ€chain polyamines: application to diatomâ€rich sediments. Rapid Communications in Mass Spectrometry, 2011, 25, 877-888.	1.5	8
60	Coating of Titanium Implant Materials with Thin Polymeric Films for Binding the Signaling Protein BMP2. Macromolecular Bioscience, 2011, 11, 234-244.	4.1	21
61	Selfâ€Assembled Antimicrobial and Biocompatible Copolymer Films on Titanium. Macromolecular Bioscience, 2011, 11, 1515-1525.	4.1	37
62	Osseointegration by bone morphogenetic protein-2 and transforming growth factor beta2 coated titanium implants in femora of New Zealand white rabbits. Indian Journal of Orthopaedics, 2011, 45, 57-62.	1.1	23
63	Coating of titanium implants with copolymer supports bone regeneration: a comparative in vivo study in rabbits. Journal of Applied Biomaterials and Biomechanics, 2011, 9, 26-33.	0.4	3
64	Crosslinking behavior of dextran modified with hydroxyethyl methacrylate upon irradiation with visible lightâ€"Effect of concentration, coinitiator type, and solvent. Journal of Applied Polymer Science, 2010, 117, 3128-3138.	2.6	14
65	Enhancement of endoprosthesis anchoring using BMP-2. Technology and Health Care, 2010, 18, 217-229.	1.2	12
66	Stimuli Responsive Peptide Conjugated Polymer Nanoparticles. Macromolecules, 2010, 43, 4126-4132.	4.8	32
67	A new hydrogel drug delivery system based on Hydroxyethylstarch derivatives. Journal of Microencapsulation, 2010, 27, 400-408.	2.8	19
68	Surface Relief Gratings in Azobenzeneâ€Containing Polymers with Linear and Starâ€Branched Architectures: A Comparison. Macromolecular Chemistry and Physics, 2009, 210, 1809-1817.	2.2	10
69	Influence of degree of substitution of HESâ€"HEMA on the release of incorporated drug models from corresponding hydrogels. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 351-356.	4.3	17
70	Preparation, Characterization, and Thermal Gelation of Amphiphilic Alkyl-poly(ethyleneimine). Langmuir, 2009, 25, 10558-10566.	3.5	7
71	One-Pot Procedure for the Preparation of Rod-Coil Block Copolymers via a Bifunctional Initiator. Macromolecular Symposia, 2009, 275-276, 82-89.	0.7	1
72	Azobenzeneâ€Containing Polymers for Surface Relief Gratings. Macromolecular Symposia, 2009, 275â€"276, 257-265.	0.7	10

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73	Synthesis of Polypeptide Based Rodâ€Coil Block Copolymers by Using TEMPO Based Bifunctional Initiator. Macromolecular Symposia, 2009, 275â€“276, 67-72.	0.7	2
74	New Molecular Wires with Two Ferrocene Hinges. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 41-50.	3.7	31
75	Influence of shape and surface properties of microstructured reaction areas on the deposition of silica. Colloid and Polymer Science, 2008, 286, 305-311.	2.1	4
76	Microstructured reaction areas for the deposition of silica. Colloid and Polymer Science, 2008, 286, 225-231.	2.1	5
77	Synthesis of poly(benzyl glutamateâ€bâ€styrene) rodâ€coil block copolymers by dual initiation in one pot. Journal of Polymer Science Part A, 2008, 46, 3068-3077.	2.3	44
78	Influence of polymeric additives on biomimetic silica deposition on patterned microstructures. Journal of Colloid and Interface Science, 2008, 321, 44-51.	9.4	23
79	Hydrogel characterisation: Swelling versus fluxgate magnetorelaxometry. Journal of Controlled Release, 2008, 132, e68-e69.	9.9	0
80	Fluxgate magnetorelaxometry for characterization of hydrogel polymerization kinetics and physical entrapment capacity. Journal of Physics Condensed Matter, 2008, 20, 204106.	1.8	9
81	Screening of photochemically grafted polymer films for compatibility with osteogenic precursor cells. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 303-316.	3.5	18
82	Design, construction and testing of a monolithic pH-sensitive hydrogel-valve for biochemical and medical application. Journal of Physics: Conference Series, 2007, 90, 012025.	0.4	5
83	Synthesis of Rod-Coil Block Copolymers using Two Controlled Polymerization Techniques. Macromolecular Symposia, 2007, 248, 199-206.	0.7	19
84	Octacyclopropylcubane and Some of Its Isomers. Angewandte Chemie - International Edition, 2007, 46, 4574-4576.	13.8	31
85	Fluxgate magnetorelaxometry of superparamagnetic nanoparticles for hydrogel characterization. Journal of Magnetism and Magnetic Materials, 2007, 311, 150-154.	2.3	21
86	Phosphonic Acid Monolayers for Binding of Bioactive Molecules to Titanium Surfaces. Langmuir, 2006, 22, 8197-8204.	3.5	239
87	Synthesis and Characterization of Biocompatible Polymer Interlayers on Titanium Implant Materials. Biomacromolecules, 2006, 7, 2552-2559.	5.4	33
88	Novel Polymers to Study the Influence of the Azobenzene Content on the Photo-Induced Surface Relief Grating Formation. Macromolecular Chemistry and Physics, 2005, 206, 1488-1496.	2.2	30
89	Influence of the Molecular Weight of Azopolymers on the Photo-Induced Formation of Surface Relief Gratings. Molecular Crystals and Liquid Crystals, 2005, 430, 89-97.	0.9	18
90	Synthesis of polypeptide based rodâ€“coil block copolymers. Chemical Communications, 2005, , 5420.	4.1	36

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91	Synthesis of Polypeptide Brushes. , 2005, , 87-103.		0
92	Adsorption of linear and star-shaped polyelectrolytes to monolayers of charged amphiphiles. Macromolecular Symposia, 2004, 211, 175-190.	0.7	1
93	Nickel-Mediated Surface Grafting From Polymerization ofÎ±-Amino Acid-N-Carboxyanhydrides. Macromolecular Chemistry and Physics, 2004, 205, 1735-1743.	2.2	18
94	Using Benzophenone-Functionalized Phosphonic Acid To Attach Thin Polymer Films to Titanium Surfaces. Langmuir, 2004, 20, 11811-11814.	3.5	57
95	Interactions of highly charged polyelectrolytes with monolayers of oppositely charged amphiphiles. , 2004, , 1-8.		0
96	Effect of Flow on Human Serum Albumin Adsorption to Self-Assembled Monolayers of Varying Packing Density. Langmuir, 2003, 19, 5464-5474.	3.5	24
97	Chemical properties of polyamines with relevance to the biomineralization of silica. Chemical Communications, 2003, , 2994-2995.	4.1	90
98	Photoisomerization in Langmuir-Blodgett-Kuhn Structures. , 2002, , 179-218.		3
99	Optically driven diffusion and mechanical softening in azobenzene polymer layers. Applied Physics Letters, 2002, 81, 4715-4717.	3.3	43
100	The First Enantiomerically Pure [n]Triangulanes and Analogues: Ïƒ-[n]Helicenes with Remarkable Features. Chemistry - A European Journal, 2002, 8, 828-842.	3.3	55
101	Methods to monitor the polyelectrolyte adsorption employing monolayers of ionic amphiphiles as model surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 187-193.	4.7	0
102	Adsorption of anionic polyelectrolytes to dioctadecyldimethylammonium bromide monolayers. European Physical Journal E, 2001, 5, 87-96.	1.6	13
103	Microspectrometric study of azobenzene chromophore orientations in a holographic diffraction grating inscribed on a p(HEMA-co-MMA) functionalized copolymer film. Journal of Raman Spectroscopy, 2001, 32, 665-675.	2.5	21
104	Adsorption of linear and star-shaped poly(acrylic acid) to model surfaces formed by amphiphiles at the air/water interface. Macromolecular Chemistry and Physics, 2000, 201, 1504-1512.	2.2	21
105	Diacetylene polymerization in self-assembled monolayers: influence of the odd/even nature of the methylene spacer. Polymer, 2000, 41, 8113-8119.	3.8	59
106	Piezochromic Effect and Orientational Order in Monolayers and LB Multilayers of Poly(p-phenylenesulfonate)â^' Dioctadecyldimethylammonium Bromide Complexes. Macromolecules, 2000, 33, 9026-9033.	4.8	17
107	Temperature-Dependent Behavior of Langmuir Monolayers of Octadecyl-Substituted Preformed Polyimides. Langmuir, 2000, 16, 9792-9796.	3.5	13
108	Change in the Orientational Distribution of Non-Isomerizing Diphenyldiacetylene Chromophores in LB-Films. Molecular Crystals and Liquid Crystals, 2000, 345, 131-136.	0.3	2

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109	UV/Vis Spectroscopic Monitoring of Polyelectrolyte Adsorption onto Monolayers of Azobenzene Amphiphiles. Langmuir, 2000, 16, 3407-3413.	3.5	30
110	Nanometer-scale design and fabrication of polymer interfaces using polydiacetylene monolayers. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 2136-2141.	2.1	2
111	Complexes of an anionic poly(p-phenylene) polyelectrolyte and dioctadecylammonium bromide at the airâ€“water interface. Materials Science and Engineering C, 1999, 8-9, 29-34.	7.3	15
112	Photoreorientation of non isomerizing diphenyldiacetylene chromophores in polyelectrolyte complex Langmuirâ€“Blodgett films. Materials Science and Engineering C, 1999, 8-9, 127-133.	7.3	9
113	Surface-Confined Nanoparticles as Substrates for Photopolymerizable Self-Assembled Monolayers. Advanced Materials, 1999, 11, 131-134.	21.0	44
114	Fabrication of Extended Conjugation Length Polymers within Diacetylene Monolayers on Au Surfaces:Â Influence of UV Exposure Time. Langmuir, 1999, 15, 1215-1222.	3.5	38
115	Fabrication of Noncovalent and Covalent Internal Scaffolding in Monolayer Assemblies Using Diacetylenes. Macromolecules, 1999, 32, 4343-4350.	4.8	22
116	The effect of spacer length on the polymerization of diacetylenes in sams on gold surfaces. Macromolecular Symposia, 1999, 142, 23-31.	0.7	7
117	Monolayers of complexes from amphiphiles and rigid rod-like polyelectrolytes. Thin Solid Films, 1998, 327-329, 90-95.	1.8	21
118	Mixed silane self assembled monolayers and their in situ modification. Thin Solid Films, 1998, 327-329, 199-203.	1.8	52
119	Investigation on the wettability properties of thin films of methacrylic polymers with partially fluorinated side chains. Macromolecular Chemistry and Physics, 1998, 199, 2425-2431.	2.2	19
120	Discrimination of structural order and chromophore aggregation as factors effecting the photo-reorientation of azobenzene in copolyglutamate LB films. Supramolecular Science, 1998, 5, 49-59.	0.7	18
121	Fabrication of Monolayers Containing Internal Molecular Scaffolding:Â Effect of Substrate Preparation. Langmuir, 1998, 14, 5594-5602.	3.5	50
122	Vertical Positioning of Internal Molecular Scaffolding within a Single Molecular Layer. Journal of Physical Chemistry B, 1998, 102, 9550-9556.	2.6	51
123	Factors Influencing the Layer Thickness of Poly-L-glutamates Grafted from Self-Assembled Monolayers. ACS Symposium Series, 1998, , 131-141.	0.5	1
124	Role of interfacial entropy in the command-surface effect. Physical Review E, 1997, 55, 455-463.	2.1	12
125	Photoorientation in Lb Multilayers of Thermotropic Polymers. Molecular Crystals and Liquid Crystals, 1997, 299, 245-252.	0.3	10
126	Grafting of Polypeptides on Solid Substrates by Initiation of N-Carboxyanhydride Polymerization by Amino-Terminated Self-Assembled Monolayers. Langmuir, 1997, 13, 723-728.	3.5	150

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127	Photo-reorientation of azobenzene side groups of thermotropic â€˜hairy rodâ€™ polyglutamate in LB multilayers. Supramolecular Science, 1997, 4, 543-547.	0.7	9
128	Langmuir-Blodgett films of photochromic polyglutamates, 10. The influence of the side chain architecture on the thermal and monolayer forming properties of â€œhairy rodâ€•like polymers. Macromolecular Chemistry and Physics, 1997, 198, 2073-2087.	2.2	5
129	Langmuirâ^'Blodgett Films of Photochromic Polyglutamates. 9. Relation between Photochemical Modification and Thermotropic Properties. Macromolecules, 1996, 29, 2831-2842.	4.8	88
130	Command layers with high azimuthal anisotropy: static and dynamic behavior. Thin Solid Films, 1996, 284-285, 257-260.	1.8	5
131	Photo-orientation in LB multilayers of amphotropic polymers. Thin Solid Films, 1996, 284-285, 606-611.	1.8	30
132	Langmuir-Blodgett films of photochromic poly glutamates. Part 8. Structure of the monolayers at the air-water interface. Thin Solid Films, 1996, 284-285, 640-643.	1.8	10
133	Langmuir-Blodgett-Kuhn Multilayers of Polyglutamates with Azobenzene Moieties: Investigations of Photoinduced Changes in the Optical Properties and Structure of the Films. Langmuir, 1995, 11, 4460-4466.	3.5	38
134	Polymers with Light Controlled Water Solubility. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 779-787.	2.2	6
135	Langmuir-Blodgett Films of Photochromic Polyglutamates: Structures and Photochemically Induced Structural Changes. Molecular Crystals and Liquid Crystals, 1994, 246, 397-400.	0.3	7
136	Structural investigations on LB films of â€œhairy rodâ€•polymers with mesogenic groups in the side chains. Thin Solid Films, 1994, 242, 56-60.	1.8	10
137	Light controlled solubility change of polymers: Copolymers of N,N-dimethylacrylamide and 4-phenylazophenyl acrylate. Macromolecular Chemistry and Physics, 1994, 195, 2291-2298.	2.2	79
138	Langmuir-blodgett films of photochromic polyglutamates, 7. The photomechanical effect in monolayers of polyglutamates with azobenzene moieties in the side chains. Macromolecular Chemistry and Physics, 1994, 195, 3747-3757.	2.2	47
139	Photoinduced alignment of azobenzene moieties in the side chains of polyglutamate films. Chemical Physics Letters, 1994, 220, 497-501.	2.6	45
140	Small-Angle X-ray Scattering and Ultraviolet-Visible Spectroscopy Studies on the Structure and Structural Changes in Langmuir-Blodgett Films of Polyglutamates with Azobenzene Moieties Tethered by Alkyl Spacers of Different Length. Langmuir, 1994, 10, 1926-1933.	3.5	164
141	Langmuir-Blodgett films of photochromic polyglutamates 3. Spectroscopic studies on LB films of photochromic polyglutamates with alkylspacers of different length. Thin Solid Films, 1993, 223, 181-188.	1.8	34
142	Langmuir-Blodgett films of photochromic polyglutamates. 5. Mixtures of a photochromic polyglutamate and a low-molecular-weight azo dye. Macromolecules, 1993, 26, 6226-6230.	4.8	19
143	Langmuir-Blodgett films of photochromic polyglutamates. 4. Spectroscopic and structural studies on Langmuir-Blodgett films of copolyglutamates bearing azobenzene moieties and long alkyl chains. Macromolecules, 1993, 26, 3644-3649.	4.8	29
144	Langmuir-Blodgett-films of photochromic polyglutamates. Polymer Bulletin, 1992, 27, 637-644.	3.3	26

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145	Selbstorganisation und photochemische Beeinflussung. Nachrichten Aus Der Chemie, 1991, 39, 636-647.	0.0	14
146	LB films of photochromic polyglutamates. Polymer Bulletin, 1991, 27, 89-94.	3.3	15
147	Photoresponsive polymers IV. Conformational changes of polypeptides upon irradiation. British Polymer Journal, 1990, 23, 199-204.	0.7	16
148	Synthesis of Rod-Coil Block Copolymers using Two Controlled Polymerization Techniques. , 0, , 199-206.		0