

# Henning Menzel

## List of Publications by Year in descending order

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148  
papers

3,515  
citations

147801

31  
h-index

182427

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156  
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156  
docs citations

156  
times ranked

3982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphonic Acid Monolayers for Binding of Bioactive Molecules to Titanium Surfaces. <i>Langmuir</i> , 2006, 22, 8197-8204.	3.5	239
2	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. <i>Langmuir</i> , 1994, 10, 1926-1933.	3.5	164
3	Grafting of Polypeptides on Solid Substrates by Initiation of N-Carboxyanhydride Polymerization by Amino-Terminated Self-Assembled Monolayers. <i>Langmuir</i> , 1997, 13, 723-728.	3.5	150
4	Encapsulation of proteins in hydrogel carrier systems for controlled drug delivery: Influence of network structure and drug size on release rate. <i>Journal of Biotechnology</i> , 2013, 163, 243-249.	3.8	106
5	Carboxylated camphorquinone as visible-light photoinitiator for biomedical application: Synthesis, characterization, and application. <i>Arabian Journal of Chemistry</i> , 2016, 9, 745-754.	4.9	94
6	Chemical properties of polyamines with relevance to the biomineralization of silica. <i>Chemical Communications</i> , 2003, , 2994-2995.	4.1	90
7	Langmuir-Blodgett Films of Photochromic Polyglutamates. 9. Relation between Photochemical Modification and Thermotropic Properties. <i>Macromolecules</i> , 1996, 29, 2831-2842.	4.8	88
8	Light controlled solubility change of polymers: Copolymers of N,N-dimethylacrylamide and 4-phenylazophenyl acrylate. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 2291-2298.	2.2	79
9	Biodegradable Chitosan Nanoparticle Coatings on Titanium for the Delivery of BMP-2. <i>Biomolecules</i> , 2015, 5, 3-19.	4.0	74
10	A Review of Developments in Electrospinning Technology: New Opportunities for the Design of Artificial Tissue Structures. <i>International Journal of Artificial Organs</i> , 2011, 34, 986-997.	1.4	64
11	Diacetylene polymerization in self-assembled monolayers: influence of the odd/even nature of the methylene spacer. <i>Polymer</i> , 2000, 41, 8113-8119.	3.8	59
12	Using Benzophenone-Functionalized Phosphonic Acid To Attach Thin Polymer Films to Titanium Surfaces. <i>Langmuir</i> , 2004, 20, 11811-11814.	3.5	57
13	The First Enantiomerically Pure [n]Triangulanes and Analogues: $\beta$ -[n]Helicenes with Remarkable Features. <i>Chemistry - A European Journal</i> , 2002, 8, 828-842.	3.3	55
14	Mixed silane self assembled monolayers and their in situ modification. <i>Thin Solid Films</i> , 1998, 327-329, 199-203.	1.8	52
15	Vertical Positioning of Internal Molecular Scaffolding within a Single Molecular Layer. <i>Journal of Physical Chemistry B</i> , 1998, 102, 9550-9556.	2.6	51
16	Fabrication of Monolayers Containing Internal Molecular Scaffolding: Effect of Substrate Preparation. <i>Langmuir</i> , 1998, 14, 5594-5602.	3.5	50
17	Langmuir-blodgett films of photochromic polyglutamates, 7. The photomechanical effect in monolayers of polyglutamates with azobenzene moieties in the side chains. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 3747-3757.	2.2	47
18	Photoinduced alignment of azobenzene moieties in the side chains of polyglutamate films. <i>Chemical Physics Letters</i> , 1994, 220, 497-501.	2.6	45

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19	Surface-Confined Nanoparticles as Substrates for Photopolymerizable Self-Assembled Monolayers. <i>Advanced Materials</i> , 1999, 11, 131-134.	21.0	44
20	Synthesis of poly(benzyl glutamate- <i>b</i> -styrene) rod-coil block copolymers by dual initiation in one pot. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3068-3077.	2.3	44
21	Optically driven diffusion and mechanical softening in azobenzene polymer layers. <i>Applied Physics Letters</i> , 2002, 81, 4715-4717.	3.3	43
22	HES-HEMA nanocomposite polymer hydrogels: swelling behavior and characterization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	40
23	Langmuir-Blodgett-Kuhn Multilayers of Polyglutamates with Azobenzene Moieties: Investigations of Photoinduced Changes in the Optical Properties and Structure of the Films. <i>Langmuir</i> , 1995, 11, 4460-4466.	3.5	38
24	Fabrication of Extended Conjugation Length Polymers within Diacetylene Monolayers on Au Surfaces: Influence of UV Exposure Time. <i>Langmuir</i> , 1999, 15, 1215-1222.	3.5	38
25	Self-Assembled Antimicrobial and Biocompatible Copolymer Films on Titanium. <i>Macromolecular Bioscience</i> , 2011, 11, 1515-1525.	4.1	37
26	Synthesis of polypeptide based rod-coil block copolymers. <i>Chemical Communications</i> , 2005, , 5420.	4.1	36
27	Hydroxyethyl starch-based polymers for the controlled release of biomacromolecules from hydrogel microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 573-581.	4.3	36
28	Langmuir-Blodgett films of photochromic polyglutamates 3. Spectroscopic studies on LB films of photochromic polyglutamates with alkylspacers of different length. <i>Thin Solid Films</i> , 1993, 223, 181-188.	1.8	34
29	Synthesis and Characterization of Biocompatible Polymer Interlayers on Titanium Implant Materials. <i>Biomacromolecules</i> , 2006, 7, 2552-2559.	5.4	33
30	Stimuli Responsive Peptide Conjugated Polymer Nanoparticles. <i>Macromolecules</i> , 2010, 43, 4126-4132.	4.8	32
31	Layer-by-layer deposition of chitosan nanoparticles as drug-release coatings for PCL nanofibers. <i>Biomaterials Science</i> , 2019, 7, 233-246.	5.4	32
32	Octacyclopropylcubane and Some of Its Isomers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4574-4576.	13.8	31
33	New Molecular Wires with Two Ferrocene Hinges. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 41-50.	3.7	31
34	Photo-orientation in LB multilayers of amphotropic polymers. <i>Thin Solid Films</i> , 1996, 284-285, 606-611.	1.8	30
35	UV/Vis Spectroscopic Monitoring of Polyelectrolyte Adsorption onto Monolayers of Azobenzene Amphiphiles. <i>Langmuir</i> , 2000, 16, 3407-3413.	3.5	30
36	Novel Polymers to Study the Influence of the Azobenzene Content on the Photo-Induced Surface Relief Grating Formation. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1488-1496.	2.2	30

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37	Facile synthesis of pH-responsive glycopolypeptides with adjustable sugar density. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3925-3931.	2.3	30
38	Impact of sterilization by electron beam, gamma radiation and X-rays on electrospun poly( $\epsilon$ -caprolactone) fiber mats. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 42.	3.6	30
39	Langmuir-Blodgett films of photochromic polyglutamates. 4. Spectroscopic and structural studies on Langmuir-Blodgett films of copolyglutamates bearing azobenzene moieties and long alkyl chains. <i>Macromolecules</i> , 1993, 26, 3644-3649.	4.8	29
40	Attachment of nanoparticulate drug-release systems on poly( $\epsilon$ -caprolactone) nanofibers via a graftpolymer as interlayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 309-320.	5.0	29
41	In vivo analysis of vascularization and biocompatibility of electrospun polycaprolactone fibre mats in the rat femur chamber. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1190-1202.	2.7	29
42	Elucidation of the structure of poly( $\beta$ -benzyl-L-glutamate) nanofibers and gel networks in a helicogenic solvent. <i>Colloid and Polymer Science</i> , 2013, 291, 1353-1363.	2.1	28
43	Langmuir-Blodgett-films of photochromic polyglutamates. <i>Polymer Bulletin</i> , 1992, 27, 637-644.	3.3	26
44	Effect of Flow on Human Serum Albumin Adsorption to Self-Assembled Monolayers of Varying Packing Density. <i>Langmuir</i> , 2003, 19, 5464-5474.	3.5	24
45	Influence of polymeric additives on biomimetic silica deposition on patterned microstructures. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 44-51.	9.4	23
46	Osseointegration by bone morphogenetic protein-2 and transforming growth factor beta2 coated titanium implants in femora of New Zealand white rabbits. <i>Indian Journal of Orthopaedics</i> , 2011, 45, 57-62.	1.1	23
47	Comparison of in vitro and in vivo protein release from hydrogel systems. <i>Journal of Controlled Release</i> , 2012, 162, 127-133.	9.9	23
48	Fabrication of Noncovalent and Covalent Internal Scaffolding in Monolayer Assemblies Using Diacetylenes. <i>Macromolecules</i> , 1999, 32, 4343-4350.	4.8	22
49	TGF $\beta$ 3 Loaded Electrospun Polycaprolacton Fibre Scaffolds for Rotator Cuff Tear Repair: An in Vivo Study in Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1046.	4.1	22
50	Monolayers of complexes from amphiphiles and rigid rod-like polyelectrolytes. <i>Thin Solid Films</i> , 1998, 327-329, 90-95.	1.8	21
51	Adsorption of linear and star-shaped poly(acrylic acid) to model surfaces formed by amphiphiles at the air/water interface. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1504-1512.	2.2	21
52	Microspectrometric study of azobenzene chromophore orientations in a holographic diffraction grating inscribed on a p(HEMA-co-MMA) functionalized copolymer film. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 665-675.	2.5	21
53	Fluxgate magnetorelaxometry of superparamagnetic nanoparticles for hydrogel characterization. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 311, 150-154.	2.3	21
54	Coating of Titanium Implant Materials with Thin Polymeric Films for Binding the Signaling Protein BMP2. <i>Macromolecular Bioscience</i> , 2011, 11, 234-244.	4.1	21

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55	Glycosylated Star Polypeptides from NCA Polymerization: Selective Binding as a Function of Degree of Branching and Glycosylation. <i>Macromolecular Bioscience</i> , 2015, 15, 74-81.	4.1	21
56	Blending chitosan and poly( $\epsilon$ -caprolactone) with poly( $\epsilon$ -caprolactone) by electrospinning to produce functional fiber mats for tissue engineering applications. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48650.	2.6	20
57	Langmuir-Blodgett films of photochromic polyglutamates. 5. Mixtures of a photochromic polyglutamate and a low-molecular-weight azo dye. <i>Macromolecules</i> , 1993, 26, 6226-6230.	4.8	19
58	Investigation on the wettability properties of thin films of methacrylic polymers with partially fluorinated side chains. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2425-2431.	2.2	19
59	Synthesis of Rod-Coil Block Copolymers using Two Controlled Polymerization Techniques. <i>Macromolecular Symposia</i> , 2007, 248, 199-206.	0.7	19
60	A new hydrogel drug delivery system based on Hydroxyethylstarch derivatives. <i>Journal of Microencapsulation</i> , 2010, 27, 400-408.	2.8	19
61	Inhibition of fibroblast adhesion by covalently immobilized protein repellent polymer coatings studied by single cell force spectroscopy. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 117-127.	4.0	19
62	Influence of photoinitiator concentration and irradiation time on the crosslinking performance of visible-light activated pullulan-HEMA hydrogels. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1884-1892.	7.5	19
63	Discrimination of structural order and chromophore aggregation as factors effecting the photo-reorientation of azobenzene in copolyglutamate LB films. <i>Supramolecular Science</i> , 1998, 5, 49-59.	0.7	18
64	Nickel-Mediated Surface Grafting From Polymerization of $\alpha$ -Amino Acid-N-Carboxyanhydrides. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1735-1743.	2.2	18
65	Influence of the Molecular Weight of Azopolymers on the Photo-Induced Formation of Surface Relief Gratings. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 430, 89-97.	0.9	18
66	Screening of photochemically grafted polymer films for compatibility with osteogenic precursor cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 303-316.	3.5	18
67	Hydrophobic Spacers Enhance the Helicity and Lectin Binding of Synthetic, pH-Responsive Glycopolypeptides. <i>Biomacromolecules</i> , 2014, 15, 4528-4533.	5.4	18
68	Introducing a Semi-Coated Model to Investigate Antibacterial Effects of Biocompatible Polymers on Titanium Surfaces. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4327-4342.	4.1	18
69	Influence of degree of substitution and folic acid coinitiator on pullulan-HEMA hydrogel properties crosslinked under visible-light initiating system. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1175-1185.	7.5	18
70	Vascularization and biocompatibility of poly( $\epsilon$ -caprolactone) fiber mats for rotator cuff tear repair. <i>PLoS ONE</i> , 2020, 15, e0227563.	2.5	18
71	Piezochromic Effect and Orientational Order in Monolayers and LB Multilayers of Poly( <i>p</i> -phenylenesulfonate) <sup>-</sup> Dioctadecyldimethylammonium Bromide Complexes. <i>Macromolecules</i> , 2000, 33, 9026-9033.	4.8	17
72	Influence of degree of substitution of HES-HEMA on the release of incorporated drug models from corresponding hydrogels. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 351-356.	4.3	17

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73	Enzyme-Responsive Nanoparticles and Coatings Made from Alginate/Peptide Ciprofloxacin Conjugates as Drug Release System. <i>Antibiotics</i> , 2021, 10, 653.	3.7	17
74	Photoresponsive polymers IV. Conformational changes of polypeptides upon irradiation. <i>British Polymer Journal</i> , 1990, 23, 199-204.	0.7	16
75	Chitosan- $\alpha$ -Azide Nanoparticle Coating as a Degradation Barrier in Multilayered Polyelectrolyte Drug Delivery Systems. <i>Biomolecules</i> , 2019, 9, 573.	4.0	16
76	Possibilities and limitations of electrospun chitosan-coated polycaprolactone grafts for rotator cuff tear repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 186-197.	2.7	16
77	LB films of photochromic polyglutamates. <i>Polymer Bulletin</i> , 1991, 27, 89-94.	3.3	15
78	Complexes of an anionic poly(p-phenylene) polyelectrolyte and dioctadecylammonium bromide at the air-water interface. <i>Materials Science and Engineering C</i> , 1999, 8-9, 29-34.	7.3	15
79	Mechanical characterization of nacre as an ideal-model for innovative new endoprosthesis materials. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 191-196.	2.4	15
80	Selbstorganisation und photochemische Beeinflussung. <i>Nachrichten Aus Der Chemie</i> , 1991, 39, 636-647.	0.0	14
81	Crosslinking behavior of dextran modified with hydroxyethyl methacrylate upon irradiation with visible light-Effect of concentration, coinitiator type, and solvent. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3128-3138.	2.6	14
82	Methacrylate-Based Copolymers for Polymer Optical Fibers. <i>Polymers</i> , 2017, 9, 34.	4.5	14
83	Temperature-Dependent Behavior of Langmuir Monolayers of Octadecyl-Substituted Preformed Polyimides. <i>Langmuir</i> , 2000, 16, 9792-9796.	3.5	13
84	Adsorption of anionic polyelectrolytes to dioctadecyldimethylammonium bromide monolayers. <i>European Physical Journal E</i> , 2001, 5, 87-96.	1.6	13
85	Fabrication and characterization of biocompatible nacre-like structures from $\pm$ -zirconium hydrogen phosphate hydrate and chitosan. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 74-82.	9.4	13
86	Nanoporous silica nanoparticles with spherical and anisotropic shape as fillers in dental composite materials. <i>BioNanoMaterials</i> , 2014, 15, .	1.4	13
87	Varying the sustained release of BMP-2 from chitosan nanogel-functionalized polycaprolactone fiber mats by different polycaprolactone surface modifications. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 600-614.	4.0	13
88	Role of interfacial entropy in the command-surface effect. <i>Physical Review E</i> , 1997, 55, 455-463.	2.1	12
89	Enhancement of endoprosthesis anchoring using BMP-2. <i>Technology and Health Care</i> , 2010, 18, 217-229.	1.2	12
90	Antimicrobial surface coatings for a permanent percutaneous passage in the concept of osseointegrated extremity prosthesis. <i>Biomedizinische Technik</i> , 2012, 57, 467-71.	0.8	12

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91	Mobility of Green Fluorescent Protein in Hydrogel-Based Drug-Delivery Systems Studied by Anisotropy and Fluorescence Recovery After Photobleaching. <i>Macromolecular Bioscience</i> , 2013, 13, 215-226.	4.1	11
92	Influence of quaternization of ammonium on antibacterial activity and cytocompatibility of thin copolymer layers on titanium. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1507-1519.	3.5	11
93	Structural investigations on LB films of "hairy rod"-polymers with mesogenic groups in the side chains. <i>Thin Solid Films</i> , 1994, 242, 56-60.	1.8	10
94	Langmuir-Blodgett films of photochromic poly glutamates. Part 8. Structure of the monolayers at the air-water interface. <i>Thin Solid Films</i> , 1996, 284-285, 640-643.	1.8	10
95	Photoorientation in Lb Multilayers of Thermotropic Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 299, 245-252.	0.3	10
96	Surface Relief Gratings in Azobenzene-Containing Polymers with Linear and Star-Branched Architectures: A Comparison. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1809-1817.	2.2	10
97	Azobenzene-Containing Polymers for Surface Relief Gratings. <i>Macromolecular Symposia</i> , 2009, 275-276, 257-265.	0.7	10
98	Photochemical coating of Kapton® with hydrophilic polymers for the improvement of neural implants. <i>Materials Science and Engineering C</i> , 2017, 75, 286-296.	7.3	10
99	Biocompatible Coatings from Smart Biopolymer Nanoparticles for Enzymatically Induced Drug Release. <i>Biomolecules</i> , 2018, 8, 103.	4.0	10
100	Sustained release of TGF- $\beta$ 3 from polysaccharide nanoparticles induces chondrogenic differentiation of human mesenchymal stromal cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110843.	5.0	10
101	Optimization of Critical Parameters for Carbodiimide Mediated Production of Highly Modified Chitosan. <i>Polymers</i> , 2021, 13, 2702.	4.5	10
102	Photo-reorientation of azobenzene side groups of thermotropic "hairy rod" polyglutamate in LB multilayers. <i>Supramolecular Science</i> , 1997, 4, 543-547.	0.7	9
103	Photoreorientation of non isomerizing diphenyldiacetylene chromophores in polyelectrolyte complex Langmuir-Blodgett films. <i>Materials Science and Engineering C</i> , 1999, 8-9, 127-133.	7.3	9
104	Fluxgate magnetorelaxometry for characterization of hydrogel polymerization kinetics and physical entrapment capacity. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 204106.	1.8	9
105	A new liquid chromatography/electrospray ionization mass spectrometry method for the analysis of underivatized aliphatic long-chain polyamines: application to diatom-rich sediments. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 877-888.	1.5	8
106	In vivo comparative study of tissue reaction to bare and antimicrobial polymer coated transcutaneous implants. <i>Materials Science and Engineering C</i> , 2016, 61, 712-719.	7.3	8
107	Enzyme Degradable Polymersomes from Chitosan-g-[poly(L-lysine)-block- $\mu$ -caprolactone] Copolymer. <i>Macromolecular Bioscience</i> , 2021, 21, 2000259.	4.1	8
108	Langmuir-Blodgett Films of Photochromic Polyglutamates: Structures and Photochemically Induced Structural Changes. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 246, 397-400.	0.3	7

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109	The effect of spacer length on the polymerization of diacetylenes in sams on gold surfaces. <i>Macromolecular Symposia</i> , 1999, 142, 23-31.	0.7	7
110	Preparation, Characterization, and Thermal Gelation of Amphiphilic Alkyl-poly(ethyleneimine). <i>Langmuir</i> , 2009, 25, 10558-10566.	3.5	7
111	Polymers with Light Controlled Water Solubility. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995, 32, 779-787.	2.2	6
112	Fluxgate magnetorelaxometry: A new approach to study the release properties of hydrogel cylinders and microspheres. <i>International Journal of Pharmaceutics</i> , 2012, 436, 677-684.	5.2	6
113	Polypeptide-Polymer Conjugates. <i>Advances in Polymer Science</i> , 2012, , 1-36.	0.8	6
114	Styrene based copolymers for consistent reactivity ratio evaluation. <i>Materials Chemistry and Physics</i> , 2018, 209, 227-232.	4.0	6
115	Production of highly aligned microfiber bundles from polymethyl methacrylate via stable jet electrospinning for organic solid-state lasers. <i>Journal of Polymer Science</i> , 2022, 60, 715-725.	3.8	6
116	Command layers with high azimuthal anisotropy: static and dynamic behavior. <i>Thin Solid Films</i> , 1996, 284-285, 257-260.	1.8	5
117	Langmuir-Blodgett films of photochromic polyglutamates, 10. The influence of the side chain architecture on the thermal and monolayer forming properties of "hairy rod"-like polymers. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 2073-2087.	2.2	5
118	Design, construction and testing of a monolithic pH-sensitive hydrogel-valve for biochemical and medical application. <i>Journal of Physics: Conference Series</i> , 2007, 90, 012025.	0.4	5
119	Microstructured reaction areas for the deposition of silica. <i>Colloid and Polymer Science</i> , 2008, 286, 225-231.	2.1	5
120	Influence of shape and surface properties of microstructured reaction areas on the deposition of silica. <i>Colloid and Polymer Science</i> , 2008, 286, 305-311.	2.1	4
121	Thermoresponsive Glycopolypeptide Containing Block Copolymers, Particle Formation, and Lectin Interaction. <i>Macromolecular Bioscience</i> , 2022, 22, e2100518.	4.1	4
122	Photoisomerization in Langmuir-Blodgett-Kuhn Structures. , 2002, , 179-218.		3
123	Coating of titanium implants with copolymer supports bone regeneration: a comparative in vivo study in rabbits. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2011, 9, 26-33.	0.4	3
124	Variations in polyethylene glycol brands and their influence on the preparation process of hydrogel microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 1215-1218.	4.3	3
125	Behavior of ATRP-derived styrene and 4-vinylpyridine-based amphiphilic block copolymers in solution. <i>Colloid and Polymer Science</i> , 2018, 296, 1127-1135.	2.1	3
126	Spatially and Temporally Controllable BMP-2 and TGF- $\beta$ Double Release From Polycaprolactone Fiber Scaffolds via Chitosan-Based Polyelectrolyte Coatings. <i>ACS Biomaterials Science and Engineering</i> , 2024, 10, 89-98.	5.2	3



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127	Nanometer-scale design and fabrication of polymer interfaces using polydiacetylene monolayers. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999, 17, 2136-2141.	2.1	2
128	Change in the Orientational Distribution of Non-Isomerizing Diphenyldiacetylene Chromophores in LB-Films. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 345, 131-136.	0.3	2
129	Synthesis of Polypeptide Based Rod-Coil Block Copolymers by Using TEMPO Based Bifunctional Initiator. <i>Macromolecular Symposia</i> , 2009, 275-276, 67-72.	0.7	2
130	ELISA- and Activity Assay-Based Quantification of BMP-2 Released In Vitro Can Be Biased by Solubility in Physiological Buffers and an Interfering Effect of Chitosan. <i>Pharmaceutics</i> , 2021, 13, 582.	4.5	2
131	Factors Influencing the Layer Thickness of Poly-L-glutamates Grafted from Self-Assembled Monolayers. <i>ACS Symposium Series</i> , 1998, , 131-141.	0.5	1
132	Adsorption of linear and star-shaped polyelectrolytes to monolayers of charged amphiphiles. <i>Macromolecular Symposia</i> , 2004, 211, 175-190.	0.7	1
133	One-Pot Procedure for the Preparation of Rod-Coil Block Copolymers via a Bifunctional Initiator. <i>Macromolecular Symposia</i> , 2009, 275-276, 82-89.	0.7	1
134	1,2,3,4-Tetracyclopropylbuta-1,3-diene: Synthesis and Some of Its Properties. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6953-6958.	2.4	1
135	Methods to monitor the polyelectrolyte adsorption employing monolayers of ionic amphiphiles as model surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 187-193.	4.7	0
136	Interactions of highly charged polyelectrolytes with monolayers of oppositely charged amphiphiles. , 2004, , 1-8.		0
137	Synthesis of Polypeptide Brushes. , 2005, , 87-103.		0
138	Hydrogel characterisation: Swelling versus fluxgate magnetorelaxometry. <i>Journal of Controlled Release</i> , 2008, 132, e68-e69.	9.9	0
139	Schutzschicht gegen Bakterien. <i>Nachrichten Aus Der Chemie</i> , 2011, 59, 1039-1043.	0.0	0
140	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. <i>Polymer Engineering and Science</i> , 2016, 56, 905-913.	3.1	0
141	Fibroblast growth on patterned polymeric coatings. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 1456-1462.	1.8	0
142	Title is missing!. , 2020, 15, e0227563.		0
143	Title is missing!. , 2020, 15, e0227563.		0
144	Title is missing!. , 2020, 15, e0227563.		0

#	ARTICLE	IF	CITATIONS
145	Title is missing!. , 2020, 15, e0227563.		0
146	Title is missing!. , 2020, 15, e0227563.		0
147	Title is missing!. , 2020, 15, e0227563.		0
148	Synthesis of Rod-Coil Block Copolymers using Two Controlled Polymerization Techniques. , 0, , 199-206.		0