

# Andrzej Budkowski

## List of Publications by Year in Descending Order

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

137 papers	2,968 citations	29 h-index	46 g-index
144 ext. papers	3,315 ext. citations	4.8 avg, IF	4.76 L-index

#	Paper	IF	Citations
137	Temperature-responsive hybrid nanomaterials based on modified halloysite nanotubes uploaded with silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 641, 128525	5.1	10
136	A perspective on ToF-SIMS analysis of biosensor interfaces: Controlling and optimizing multi-molecular composition, immobilization through bioprinting, molecular orientation. <i>Applied Surface Science</i> , <b>2022</b> , 594, 153439	6.7	0
135	Passive antifouling and active self-disinfecting antiviral surfaces. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137048	14.7	5
134	Fabrication and Impact of Fouling-Reducing Temperature-Responsive POEGMA Coatings with Embedded CaCO Nanoparticles on Different Cell Lines. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
133	Temperature-responsive and multi-responsive grafted polymer brushes with transitions based on critical solution temperature: synthesis, properties, and applications. <i>Colloid and Polymer Science</i> , <b>2021</b> , 299, 363-383	2.4	17
132	Controlling orientation, conformation, and biorecognition of proteins on silane monolayers, conjugate polymers, and thermo-responsive polymer brushes: investigations using TOF-SIMS and principal component analysis. <i>Colloid and Polymer Science</i> , <b>2021</b> , 299, 385-405	2.4	8
131	Grafted polymer brush coatings for growth of cow granulosa cells and oocyte-cumulus cell complexes. <i>Biointerphases</i> , <b>2020</b> , 15, 031006	1.8	2
130	Surface density dependent orientation and immunological recognition of antibody on silicon: TOF-SIMS and surface analysis of two covalent immobilization methods. <i>Applied Surface Science</i> , <b>2020</b> , 518, 146269	6.7	19
129	Spatially selective biomolecules immobilization on silicon nitride waveguides through contact printing onto plasma treated photolithographic micropattern: Step-by-step analysis with TOF-SIMS chemical imaging. <i>Applied Surface Science</i> , <b>2020</b> , 506, 145002	6.7	3
128	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. <i>Applied Materials Today</i> , <b>2020</b> , 21, 100880	6.6	1
127	Using a lactadherin-immobilized silicon surface for capturing and monitoring plasma microvesicles as a foundation for diagnostic device development. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 8093-8106	4.4	1
126	Dewetting of Polymer Films Controlled by Protein Adsorption. <i>Langmuir</i> , <b>2020</b> , 36, 11817-11828	4	3
125	Non-cytotoxic, temperature-responsive and antibacterial POEGMA based nanocomposite coatings with silver nanoparticles.. <i>RSC Advances</i> , <b>2020</b> , 10, 10155-10166	3.7	19
124	"Command" surfaces with thermo-switchable antibacterial activity. <i>Materials Science and Engineering C</i> , <b>2019</b> , 103, 109806	8.3	22
123	Temperature-Controlled Orientation of Proteins on Temperature-Responsive Grafted Polymer Brushes: Poly(butyl methacrylate) vs Poly(butyl acrylate): Morphology, Wetting, and Protein Adsorption. <i>Biomacromolecules</i> , <b>2019</b> , 20, 2185-2197	6.9	23
122	Sequential binary protein patterning on surface domains of thermo-responsive polymer blends cast by horizontal-dipping. <i>Materials Science and Engineering C</i> , <b>2019</b> , 99, 1477-1484	8.3	3
121	Biophysical and Biochemical Characteristics as Complementary Indicators of Melanoma Progression. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9885-9892	7.8	8

120	Shape-Controlled synthesis of silver nanoparticles in temperature-responsive grafted polymer brushes for optical applications. <i>Applied Surface Science</i> , <b>2019</b> , 463, 1124-1133	6.7	19
119	Glass transition in temperature-responsive poly(butyl methacrylate) grafted polymer brushes. Impact of thickness and temperature on wetting, morphology, and cell growth. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 1613-1621	7.3	9
118	Engineering a Poly(3,4-ethylenedioxythiophene):(Polystyrene Sulfonate) Surface Using Self-Assembling Molecules-A Chemical Library Approach. <i>ACS Omega</i> , <b>2018</b> , 3, 3631-3639	3.9	9
117	Protein adsorption/desorption and antibody binding stoichiometry on silicon interferometric biosensors examined with TOF-SIMS. <i>Applied Surface Science</i> , <b>2018</b> , 444, 187-196	6.7	8
116	Simultaneous determination of aflatoxin B, fumonisin B and deoxynivalenol in beer samples with a label-free monolithically integrated optoelectronic biosensor. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 359, 445-453	12.8	29
115	Influence of Acrylic Polymers Stereoregularity on Interface Interactions in Model Thin Film Systems. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1800097	2.6	
114	Adaptability of single melanoma cells to surfaces with distinct hydrophobicity and roughness. <i>Applied Surface Science</i> , <b>2018</b> , 457, 881-890	6.7	3
113	Patterning of cancerous cells driven by a combined modification of mechanical and chemical properties of the substrate. <i>European Polymer Journal</i> , <b>2017</b> , 93, 726-732	5.2	4
112	Temperature-responsive grafted polymer brushes obtained from renewable sources with potential application as substrates for tissue engineering. <i>Applied Surface Science</i> , <b>2017</b> , 407, 546-554	6.7	17
111	Temperature-Controlled Three-Stage Switching of Wetting, Morphology, and Protein Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 12035-12045	9.5	25
110	Contact pin-printing of albumin-fungicide conjugate for silicon nitride-based sensors biofunctionalization: Multi-technique surface analysis for optimum immunoassay performance. <i>Applied Surface Science</i> , <b>2017</b> , 410, 79-86	6.7	8
109	Immobilization and detection of platelet-derived extracellular vesicles on functionalized silicon substrate: cytometric and spectrometric approach. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 1109-1119	4.4	11
108	Indirect immunoassay on functionalized silicon surface: Molecular arrangement, composition and orientation examined step-by-step with multi-technique and multivariate analysis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 150, 437-444	6	10
107	Temperature-responsive properties of poly(4-vinylpyridine) coatings: influence of temperature on the wettability, morphology, and protein adsorption. <i>RSC Advances</i> , <b>2016</b> , 6, 87469-87477	3.7	25
106	Comparing surface properties of melanoma cells using time of flight secondary ions mass spectrometry. <i>Analyst, The</i> , <b>2016</b> , 141, 6217-6225	5	3
105	Protocol of single cells preparation for time of flight secondary ion mass spectrometry. <i>Analytical Biochemistry</i> , <b>2016</b> , 511, 52-60	3.1	16
104	Physico-chemical properties of PDMS surfaces suitable as substrates for cell cultures. <i>Applied Surface Science</i> , <b>2016</b> , 389, 247-254	6.7	29
103	Electron-Beam Lithographic Grafting of Functional Polymer Structures from Fluoropolymer Substrates. <i>Langmuir</i> , <b>2016</b> , 32, 10641-10650	4	8

102	Orientation and biorecognition of immunoglobulin adsorbed on spin-cast poly(3-alkylthiophenes): Impact of polymer film crystallinity. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 148, 278-286	6	13
101	Chemical stability of polymers under argon gas cluster ion beam and x-ray irradiation. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2016</b> , 34, 030604	1.3	6
100	Imaging and chemical surface analysis of biomolecular functionalization of monolithically integrated on silicon Mach-Zehnder interferometric immunosensors. <i>Applied Surface Science</i> , <b>2016</b> , 385, 529-542	6.7	14
99	Data on step-by-step atomic force microscopy monitoring of changes occurring in single melanoma cells undergoing ToF SIMS specialized sample preparation protocol. <i>Data in Brief</i> , <b>2016</b> , 8, 1322-32	1.2	1
98	Cholesterol-Based Grafted Polymer Brushes as Alignment Coating with Temperature-Tuned Anchoring for Nematic Liquid Crystals. <i>Langmuir</i> , <b>2016</b> , 32, 11029-11038	4	17
97	Multilayers of poly(styrene- <i>t</i> -butoxy- <i>t</i> -vinylbenzyl-polyglycidol) microspheres with core-shell morphology: Characterization by AFM, SIMS and XPS. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 507, 200-209	5.1	4
96	Imaging and spectroscopic comparison of multi-step methods to form DNA arrays based on the biotin-streptavidin system. <i>Analyst, The</i> , <b>2015</b> , 140, 1127-39	5	14
95	Improved DNA microarray detection sensitivity through immobilization of preformed in solution streptavidin/biotinylated oligonucleotide conjugates. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 128, 464-472	6	9
94	Synthesis and Postpolymerization Modification of Thermoresponsive Coatings Based on Pentaerythritol Monomethacrylate: Surface Analysis, Wettability, and Protein Adsorption. <i>Langmuir</i> , <b>2015</b> , 31, 9675-83	4	18
93	PDMS substrate stiffness affects the morphology and growth profiles of cancerous prostate and melanoma cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2015</b> , 41, 13-22	4.1	42
92	Differentiation between single bladder cancer cells using principal component analysis of time-of-flight secondary ion mass spectrometry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 3195-201	7.8	14
91	Temperature-responsive peptide-mimetic coating based on poly(N-methacryloyl-L-leucine): properties, protein adsorption and cell growth. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 118, 270-9	6	15
90	1-D polymeric photonic crystals as spectroscopic zero-power humidity sensors. <i>Microelectronic Engineering</i> , <b>2014</b> , 115, 55-60	2.5	15
89	Effects of polythiophene surface structure on adsorption and conformation of bovine serum albumin: a multivariate and multitechnique study. <i>Langmuir</i> , <b>2014</b> , 30, 13925-33	4	22
88	Immobilization of oligonucleotide probes on silicon surfaces using biotin-streptavidin system examined with microscopic and spectroscopic techniques. <i>Applied Surface Science</i> , <b>2014</b> , 290, 199-206	6.7	7
87	Humidity and wetting effects in spin-cast blends of insulating polymers and conducting polyaniline doped with DBSA. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 2354-2361	2.9	2
86	Temperature and pH dual-responsive POEGMA-based coatings for protein adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 411, 247-56	9.3	35
85	Buried polymer/metal interfaces examined with Kelvin Probe Force Microscopy. <i>Thin Solid Films</i> , <b>2013</b> , 531, 271-276	2.2	10

84	Examination of polymer/metal interface modified by self-assembled monolayer by Kelvin probe force microscopy and secondary ion mass spectrometry. <i>Electrochimica Acta</i> , <b>2013</b> , 104, 462-467	6.7	5
83	Model immunoassay on silicon surfaces: vertical and lateral nanostructure vs. protein coverage. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 103, 253-60	6	22
82	Protein adsorption and covalent bonding to silicon nitride surfaces modified with organo-silanes: comparison using AFM, angle-resolved XPS and multivariate ToF-SIMS analysis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 110, 217-24	6	34
81	Plasma-assisted nanoscale protein patterning on Si substrates via colloidal lithography. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 13743-51	2.8	6
80	Proteins grouped into a variety of regular micro-patterns by substrate-guided domains of self-assembling poly(ethylene oxide)/polystyrene blends. <i>Soft Matter</i> , <b>2012</b> , 8, 5550	3.6	4
79	Temperature and pH dual-responsive coatings of oligoperoxide-graft-poly(N-isopropylacrylamide): wettability, morphology, and protein adsorption. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 387, 95-103	9.3	39
78	Polymer blends spin-cast into films with complementary elements for electronics and biotechnology. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 4275-4284	2.9	7
77	Reverse contrast and substructures in protein micro-patterns on 3D polymer surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 90, 144-51	6	2
76	Spectroscopic and microscopic characterization of biosensor surfaces with protein/amino-organosilane/silicon structure. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 90, 159-68	6	38
75	Implementation of NSOM to Biological Samples. <i>Acta Physica Polonica A</i> , <b>2012</b> , 121, 533-538	0.6	4
74	Spectroscopic and microscopic examination of protein adsorption and blocking of non-specific binding to silicon surfaces modified with APTES and GOPS. <i>Procedia Engineering</i> , <b>2011</b> , 25, 334-337		9
73	Tuning the Vertical Phase Separation in Polyfluorene:Fullerene Blend Films by Polymer Functionalization. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 2295-2302	9.6	39
72	Dendrites and pillars in spin cast blends of polyaniline or its oligomeric analogue. <i>Synthetic Metals</i> , <b>2010</b> , 160, 2459-2466	3.6	15
71	Formation, structure and wettability of fluorescent nanolayers of oligoperoxide europium complexes adsorbed to glass surface. <i>Thin Solid Films</i> , <b>2010</b> , 518, 4318-4321	2.2	3
70	Protein coverage on silicon surfaces modified with amino-organic films: a study by AFM and angle-resolved XPS. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 80, 63-71	6	20
69	Device Performance of APFO-3/PCBM Solar Cells with Controlled Morphology. <i>Advanced Materials</i> , <b>2009</b> , 21, 4398-403	24	51
68	Modification of poly(ethylene terephthalate) surface with attached dextran macromolecules. <i>Polymer International</i> , <b>2009</b> , 58, 1034-1040	3.3	7
67	Selective protein adsorption on polymer patterns formed by self-organization and soft lithography. <i>Biomacromolecules</i> , <b>2009</b> , 10, 2101-9	6.9	39

66	Ordering domains of spin cast blends of conjugated and dielectric polymers on surfaces patterned by soft- and photo-lithography. <i>Soft Matter</i> , <b>2009</b> , 5, 234-241	3.6	28
65	Structures in Multicomponent Polymer Films: Their Formation, Observation and Applications in Electronics and Biotechnology. <i>Acta Physica Polonica A</i> , <b>2009</b> , 115, 435-440	0.6	9
64	Conductivity of Thin Polymer Films Containing Polyaniline. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 485, 796-803	0.5	7
63	Breath figures in polymer and polymer blend films spin-coated in dry and humid ambience. <i>Langmuir</i> , <b>2008</b> , 24, 3517-24	4	58
62	Integral geometry analysis of fluorescence micrographs for quantitative relative comparison of protein adsorption onto polymer surfaces. <i>Langmuir</i> , <b>2008</b> , 24, 10253-8	4	22
61	Polymer vs Solvent Diagram of Film Structures Formed in Spin-Cast Poly(3-alkylthiophene) Blends. <i>Macromolecules</i> , <b>2008</b> , 41, 4802-4810	5.5	51
60	Pattern Formation in Thin Polymer Films Containing Conducting Polyaniline. <i>Macromolecular Symposia</i> , <b>2008</b> , 263, 47-52	0.8	2
59	Compositional Mismatch between Chemical Patterns on a Substrate and Polymer Blends Yielding Spin-Cast Films with Subpattern Periodicity. <i>Macromolecules</i> , <b>2007</b> , 40, 2120-2125	5.5	14
58	Structure evolution in layers of polymer blend nanoparticles. <i>Langmuir</i> , <b>2007</b> , 23, 7235-40	4	17
57	Humidity and solvent effects in spin-coated polythiophene-polystyrene blends. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 105, 67-79	2.9	42
56	Vertical phase separation in spin-coated films of a low bandgap polyfluorene/PCBM blend Effects of specific substrate interaction. <i>Applied Surface Science</i> , <b>2007</b> , 253, 3906-3912	6.7	122
55	Swelling of poly(3-alkylthiophene) films exposed to solvent vapors and humidity: Evaluation of solubility parameters. <i>Synthetic Metals</i> , <b>2007</b> , 157, 726-732	3.6	82
54	Pattern replication in polyaniline-polystyrene thin films. <i>Synthetic Metals</i> , <b>2007</b> , 157, 935-939	3.6	13
53	Morphology and Phase Segregation of Spin-Casted Films of Polyfluorene/PCBM Blends. <i>Macromolecules</i> , <b>2007</b> , 40, 8291-8301	5.5	279
52	Influence of solvents and substrates on the morphology and the performance of low-bandgap polyfluorene: PCBM photovoltaic devices <b>2006</b> , 6192, 339		4
51	Pattern guided structure formation in polymer films of asymmetric blends. <i>Surface Science</i> , <b>2006</b> , 600, 1004-1011	1.8	10
50	Multilayer formation in spin-coated thin films of low-bandgap polyfluorene:PCBM blends. <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, L529-L534	1.8	81
49	Composition Effects in Polymer Blends Spin-Cast on Patterned Substrates. <i>Macromolecules</i> , <b>2005</b> , 38, 8486-8493	5.5	38



48	Influence of humid atmosphere on phase separation in polyaniline/polystyrene thin films. <i>Synthetic Metals</i> , <b>2005</b> , 155, 516-522	3.6	22
47	Pattern replication examined with integral geometry approach: application to ion milling of polymer blend films. <i>Thin Solid Films</i> , <b>2005</b> , 476, 358-365	2.2	12
46	Friction force microscopy as an alternative method to probe molecular interactions. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 014702	3.9	13
45	Structures Formed in Spin-Cast Films of Polystyrene Blends with Poly(butyl methacrylate) Isomers. <i>Macromolecules</i> , <b>2004</b> , 37, 7308-7315	5.5	34
44	Lamellar structures formed in spin-cast blends of insulating and conducting polymers. <i>Synthetic Metals</i> , <b>2004</b> , 144, 253-257	3.6	27
43	Substructure Formation during pattern transposition from substrate into polymer blend film. <i>Europhysics Letters</i> , <b>2003</b> , 62, 855-861	1.6	24
42	Evolution of 3D structures in a phase-separating polymer blend film confined by symmetric flat walls. <i>European Physical Journal E</i> , <b>2003</b> , 12, 211-214	1.5	6
41	Hierarchic Structure Formation in Binary and Ternary Polymer Blends. <i>Journal of Materials Science</i> , <b>2003</b> , 11, 225-235		61
40	Surface Patterns in Solvent-Cast Polymer Blend Films Analyzed with an Integral-Geometry Approach. <i>Macromolecules</i> , <b>2003</b> , 36, 2419-2427	5.5	56
39	Substrate-Determined Shape of Free Surface Profiles in Spin-Cast Polymer Blend Films. <i>Macromolecules</i> , <b>2003</b> , 36, 4060-4067	5.5	62
38	AFM/LFM surface studies of a ternary polymer blend cast on substrates covered by a self-assembled monolayer. <i>Surface Science</i> , <b>2002</b> , 507-510, 700-706	1.8	45
37	Hydrodynamic-flow-driven phase evolution in a polymer blend film modified by diblock copolymers. <i>European Physical Journal E</i> , <b>2001</b> , 5, 207-219	1.5	15
36	Phase decomposition in polymer blend films cast on homogeneous substrates modified by self-assembled monolayers. <i>Vacuum</i> , <b>2001</b> , 63, 297-305	3.7	21
35	Phase decomposition in polymer blend films cast on substrates patterned with self-assembled monolayers. <i>Vacuum</i> , <b>2001</b> , 63, 307-313	3.7	47
34	Three-Dimensional Information on the Phase Domain Structure of Thin Films of Polymer Blends Revealed by Secondary Ion Mass Spectrometry. <i>Macromolecular Rapid Communications</i> , <b>2001</b> , 22, 829-834	4.8	39
33	Wetting transition in polyolefin blends studied by profiling techniques. <i>Macromolecular Symposia</i> , <b>2000</b> , 149, 277-282	0.8	2
32	Wetting transition in a binary polymer blend. <i>Europhysics Letters</i> , <b>2000</b> , 50, 35-40	1.6	18
31	Surface segregation in the minority component of the binary polymer mixture. <i>Vacuum</i> , <b>1999</b> , 54, 273-277	3.7	5

30	Depth profiling studies of the surface directed phase decomposition in thin polymer films. <i>Vacuum</i> , <b>1999</b> , 54, 303-307	3.7	17
29	Interfacial Phenomena in Thin Polymer Films: Phase Coexistence and Segregation <b>1999</b> , 1-111		73
28	Effect of deuterium substitution on the surface interactions in binary polymer mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1998</b> , 36, 2691-2702	2.6	4
27	Surface enrichment-depletion duality in a binary polymer blend. <i>Europhysics Letters</i> , <b>1998</b> , 43, 404-409	1.6	7
26	Surface-directed spinodal decomposition modified by a surface active copolymer. <i>Europhysics Letters</i> , <b>1997</b> , 40, 503-508	1.6	13
25	Surface phase behavior in binary polymer mixtures. III. Temperature dependence of surface enrichment and of wetting. <i>Journal of Chemical Physics</i> , <b>1997</b> , 106, 719-727	3.9	16
24	Adsorption and Wetting from Tunable Polyolefin Mixtures <b>1997</b> , 81-94		
23	Surface phase behavior in binary polymer mixtures. II. Surface enrichment from polyolefin blends. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 8795-8806	3.9	40
22	Surface phase behavior in binary polymer mixtures. I. Miscibility, phase coexistence, and interactions in polyolefin blends. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 8786-8794	3.9	49
21	Competitive Adsorption at Homopolymer Interfaces from a Binary Mixture of Diblock Copolymers. <i>Macromolecules</i> , <b>1995</b> , 28, 8579-8586	5.5	8
20	Brush Formation by Symmetric and by Highly Asymmetric Diblock Copolymers at Homopolymer Interfaces. <i>Macromolecules</i> , <b>1995</b> , 28, 8571-8578	5.5	24
19	Diffusion-Limited Segregation of Diblock Copolymers to a Homopolymer Surface. <i>Israel Journal of Chemistry</i> , <b>1995</b> , 35, 55-64	3.4	10
18	Critical point wetting from binary polymer mixtures. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , <b>1994</b> , 98, 366-372		15
17	Surface Segregation and Wetting from Polymer Mixtures <b>1994</b> , 313-322		3
16	Interference of microstructure and isotope labeling effects in polymer blend compatibility. <i>Macromolecules</i> , <b>1993</b> , 26, 3858-3861	5.5	13
15	Diblock copolymers attached to homopolymer surfaces and interfaces. <i>Macromolecules</i> , <b>1993</b> , 26, 2470-2478	5.5	21
14	Coexistence in a Binary Isotopic Polymer Mixture. <i>Europhysics Letters</i> , <b>1992</b> , 18, 705-710	1.6	28
13	Matrix-Modulated Swelling of a Polymer Brush. <i>Europhysics Letters</i> , <b>1992</b> , 20, 499-504	1.6	25



12	Complete wetting from polymer mixtures. <i>Science</i> , <b>1992</b> , 258, 1126-9	33.3	110
11	The effects of confinement and surface interactions on coexistence in a binary polymer mixture. <i>Journal of Chemical Physics</i> , <b>1992</b> , 97, 5229-5238	3.9	42
10	Modulated structure of (Ta <sub>0.72</sub> Nb <sub>0.28</sub> )Te <sub>4</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , <b>1990</b> , 46, 153-159		7
9	Structures of two low-temperature incommensurate NbTe <sub>4</sub> phases. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1990</b> , 46, 587-591		12
8	The Two-Dimensional Modulation in Bulk and Thin-Film Au <sub>2</sub> + xCd <sub>1</sub> Ix. <i>Physica Status Solidi A</i> , <b>1990</b> , 117, 351-362		2
7	The compensation point in reig and some of its properties. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1989</b> , 78, 226-236	2.8	15
6	A superspace-group description of the commensurately modulated structure of TaTe <sub>4</sub> . <i>Acta Crystallographica Section B: Structural Science</i> , <b>1989</b> , 45, 529-534		8
5	An approach to the structure of incommensurately modulated NbS <sub>3</sub> type II. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, 4171-4187		8
4	Magnetic interactions in RECu <sub>2</sub> Si <sub>2</sub> compounds (RE = Tb-Tm). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 67, 316-322	2.8	11
3	Study of Magnetism and Interface Processes between Thin Iron Film and Nickel Substrateby in-Situ Conversion Electron Mßsbauer Spectroscopy. <i>Physica Status Solidi A</i> , <b>1986</b> , 96, 573-579		1
2	X-ray study of crystal structure and pressure dependence of the Nßl temperature of the GdRh <sub>2</sub> Si <sub>2</sub> and TbRh <sub>2</sub> Si <sub>2</sub> compounds. <i>Solid State Communications</i> , <b>1986</b> , 57, 813-815	1.6	12
1	Impact of the various buffer solutions on the temperature-responsive properties of POEGMA-grafted brush coatings. <i>Colloid and Polymer Science</i> , 1	2.4	2