

Andrzej Budkowski

List of Publications by Year in descending order

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143
papers

3,693
citations

117625

34
h-index

175258

52
g-index

144
all docs

144
docs citations

144
times ranked

3767
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology and Phase Segregation of Spin-Casted Films of Polyfluorene/PCBM Blends. <i>Macromolecules</i> , 2007, 40, 8291-8301.	4.8	400
2	Vertical phase separation in spin-coated films of a low bandgap polyfluorene/PCBM blend—Effects of specific substrate interaction. <i>Applied Surface Science</i> , 2007, 253, 3906-3912.	6.1	130
3	Complete Wetting from Polymer Mixtures. <i>Science</i> , 1992, 258, 1126-1129.	12.6	124
4	Multilayer formation in spin-coated thin films of low-bandgap polyfluorene:PCBM blends. <i>Journal of Physics Condensed Matter</i> , 2005, 17, L529-L534.	1.8	101
5	Swelling of poly(3-alkylthiophene) films exposed to solvent vapors and humidity: Evaluation of solubility parameters. <i>Synthetic Metals</i> , 2007, 157, 726-732.	3.9	91
6	Interfacial Phenomena in Thin Polymer Films: Phase Coexistence and Segregation. , 1999, , 1-111.		83
7	Hierarchic Structure Formation in Binary and Ternary Polymer Blends. <i>Journal of Materials Science</i> , 2003, 11, 225-235.	1.2	67
8	Breath Figures in Polymer and Polymer Blend Films Spin-Coated in Dry and Humid Ambience. <i>Langmuir</i> , 2008, 24, 3517-3524.	3.5	65
9	Substrate-Determined Shape of Free Surface Profiles in Spin-Cast Polymer Blend Films. <i>Macromolecules</i> , 2003, 36, 4060-4067.	4.8	64
10	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> , 2015, 41, 13-22.	3.1	62
11	Surface Patterns in Solvent-Cast Polymer Blend Films Analyzed with an Integral-Geometry Approach. <i>Macromolecules</i> , 2003, 36, 2419-2427.	4.8	59
12	Polymer vs Solvent Diagram of Film Structures Formed in Spin-Cast Poly(3-alkylthiophene) Blends. <i>Macromolecules</i> , 2008, 41, 4802-4810.	4.8	55
13	Surface phase behavior in binary polymer mixtures. I. Miscibility, phase coexistence, and interactions in polyolefin blends. <i>Journal of Chemical Physics</i> , 1996, 104, 8786-8794.	3.0	54
14	Device Performance of APFO/PCBM Solar Cells with Controlled Morphology. <i>Advanced Materials</i> , 2009, 21, 4398-4403.	21.0	52
15	Surface phase behavior in binary polymer mixtures. II. Surface enrichment from polyolefin blends. <i>Journal of Chemical Physics</i> , 1996, 104, 8795-8806.	3.0	49
16	AFM/LFM surface studies of a ternary polymer blend cast on substrates covered by a self-assembled monolayer. <i>Surface Science</i> , 2002, 507-510, 700-706.	1.9	48
17	The effects of confinement and surface interactions on coexistence in a binary polymer mixture. <i>Journal of Chemical Physics</i> , 1992, 97, 5229-5238.	3.0	47
18	Phase decomposition in polymer blend films cast on substrates patterned with self-assembled monolayers. <i>Vacuum</i> , 2001, 63, 307-313.	3.5	47

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19	Passive antifouling and active self-disinfecting antiviral surfaces. <i>Chemical Engineering Journal</i> , 2022, 446, 137048.	12.7	46
20	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> , 2012, 387, 95-105.	9.4	45
21	Humidity and solvent effects in spin-coated polythiophene-polystyrene blends. <i>Journal of Applied Polymer Science</i> , 2007, 105, 67-79.	2.6	43
22	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> , 2021, 299, 363-383.	2.1	43
23	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> , 2001, 22, 829-834.	3.9	42
24	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> , 2013, 110, 217-224.	5.0	42
25	Temperature-responsive hybrid nanomaterials based on modified halloysite nanotubes uploaded with silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128525.	4.7	42
26	Selective Protein Adsorption on Polymer Patterns Formed by Self-Organization and Soft Lithography. <i>Biomacromolecules</i> , 2009, 10, 2101-2109.	5.4	41
27	Tuning the Vertical Phase Separation in Polyfluorene:Fullerene Blend Films by Polymer Functionalization. <i>Chemistry of Materials</i> , 2011, 23, 2295-2302.	6.7	41
28	Simultaneous determination of aflatoxin B1, fumonisin B1 and deoxynivalenol in beer samples with a label-free monolithically integrated optoelectronic biosensor. <i>Journal of Hazardous Materials</i> , 2018, 359, 445-453.	12.4	41
29	Composition Effects in Polymer Blends Spin-Cast on Patterned Substrates. <i>Macromolecules</i> , 2005, 38, 8486-8493.	4.8	40
30	Spectroscopic and microscopic characterization of biosensor surfaces with protein/amino-organosilane/silicon structure. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 159-168.	5.0	40
31	Temperature and pH dual-responsive POEGMA-based coatings for protein adsorption. <i>Journal of Colloid and Interface Science</i> , 2013, 411, 247-256.	9.4	39
32	Structures Formed in Spin-Cast Films of Polystyrene Blends with Poly(butyl methacrylate) Isomers. <i>Macromolecules</i> , 2004, 37, 7308-7315.	4.8	38
33	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> , 2020, 518, 146269.	6.1	38
34	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> , 2019, 20, 2185-2197.	5.4	36
35	Non-cytotoxic, temperature-responsive and antibacterial POEGMA based nanocomposite coatings with silver nanoparticles. <i>RSC Advances</i> , 2020, 10, 10155-10166.	3.6	36
36	Physico-chemical properties of PDMS surfaces suitable as substrates for cell cultures. <i>Applied Surface Science</i> , 2016, 389, 247-254.	6.1	34

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37	Temperature-Controlled Three-Stage Switching of Wetting, Morphology, and Protein Adsorption. ACS Applied Materials & Interfaces, 2017, 9, 12035-12045.	8.0	34
38	Command surfaces with thermo-switchable antibacterial activity. Materials Science and Engineering C, 2019, 103, 109806.	7.3	34
39	Temperature-responsive properties of poly(4-vinylpyridine) coatings: influence of temperature on the wettability, morphology, and protein adsorption. RSC Advances, 2016, 6, 87469-87477.	3.6	33
40	Ordering domains of spin cast blends of conjugated and dielectric polymers on surfaces patterned by soft- and photo-lithography. Soft Matter, 2009, 5, 234-241.	2.7	30
41	Coexistence in a Binary Isotopic Polymer Mixture. Europhysics Letters, 1992, 18, 705-710.	2.0	29
42	Temperature-responsive grafted polymer brushes obtained from renewable sources with potential application as substrates for tissue engineering. Applied Surface Science, 2017, 407, 546-554.	6.1	29
43	Lamellar structures formed in spin-cast blends of insulating and conducting polymers. Synthetic Metals, 2004, 144, 253-257.	3.9	28
44	Matrix-Modulated Swelling of a Polymer Brush. Europhysics Letters, 1992, 20, 499-504.	2.0	27
45	Brush Formation by Symmetric and by Highly Asymmetric Diblock Copolymers at Homopolymer Interfaces. Macromolecules, 1995, 28, 8571-8578.	4.8	27
46	Effects of Polythiophene Surface Structure on Adsorption and Conformation of Bovine Serum Albumin: A Multivariate and Multitechnique Study. Langmuir, 2014, 30, 13925-13933.	3.5	27
47	Shape-Controlled synthesis of silver nanoparticles in temperature-responsive grafted polymer brushes for optical applications. Applied Surface Science, 2019, 463, 1124-1133.	6.1	27
48	Substructure formation during pattern transposition from substrate into polymer blend film. Europhysics Letters, 2003, 62, 855-861.	2.0	25
49	Cholesterol-Based Grafted Polymer Brushes as Alignment Coating with Temperature-Tuned Anchoring for Nematic Liquid Crystals. Langmuir, 2016, 32, 11029-11038.	3.5	25
50	Integral Geometry Analysis of Fluorescence Micrographs for Quantitative Relative Comparison of Protein Adsorption onto Polymer Surfaces. Langmuir, 2008, 24, 10253-10258.	3.5	24
51	Fabrication and Impact of Fouling-Reducing Temperature-Responsive POEGMA Coatings with Embedded CaCO ₃ Nanoparticles on Different Cell Lines. Materials, 2021, 14, 1417.	2.9	24
52	Model immunoassay on silicon surfaces: Vertical and lateral nanostructure vs. protein coverage. Colloids and Surfaces B: Biointerfaces, 2013, 103, 253-260.	5.0	23
53	1-D polymeric photonic crystals as spectroscopic zero-power humidity sensors. Microelectronic Engineering, 2014, 115, 55-60.	2.4	23
54	Synthesis and Postpolymerization Modification of Thermoresponsive Coatings Based on Pentaerythritol Monomethacrylate: Surface Analysis, Wettability, and Protein Adsorption. Langmuir, 2015, 31, 9675-9683.	3.5	23

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55	Influence of humid atmosphere on phase separation in polyaniline-polystyrene thin films. <i>Synthetic Metals</i> , 2005, 155, 516-522.	3.9	22
56	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> , 2010, 80, 63-71.	5.0	22
57	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> , 2014, 118, 270-279.	5.0	22
58	Diblock copolymers attached to homopolymer surfaces and interfaces. <i>Macromolecules</i> , 1993, 26, 2470-2478.	4.8	21
59	Wetting transition in a binary polymer blend. <i>Europysics Letters</i> , 2000, 50, 35-40.	2.0	21
60	Phase decomposition in polymer blend films cast on homogeneous substrates modified by self-assembled monolayers. <i>Vacuum</i> , 2001, 63, 297-305.	3.5	21
61	The compensation point in reig and some of its properties. <i>Journal of Magnetism and Magnetic Materials</i> , 1989, 78, 226-236.	2.3	19
62	Surface phase behavior in binary polymer mixtures. III. Temperature dependence of surface enrichment and of wetting. <i>Journal of Chemical Physics</i> , 1997, 106, 719-727.	3.0	19
63	Differentiation between Single Bladder Cancer Cells Using Principal Component Analysis of Time-of-Flight Secondary Ion Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 3195-3201.	6.5	19
64	Protocol of single cells preparation for time of flight secondary ion mass spectrometry. <i>Analytical Biochemistry</i> , 2016, 511, 52-60.	2.4	19
65	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> , 2018, 6, 1613-1621.	5.8	19
66	Structure Evolution in Layers of Polymer Blend Nanoparticles. <i>Langmuir</i> , 2007, 23, 7235-7240.	3.5	18
67	Imaging and chemical surface analysis of biomolecular functionalization of monolithically integrated on silicon Mach-Zehnder interferometric immunosensors. <i>Applied Surface Science</i> , 2016, 385, 529-542.	6.1	18
68	Critical point wetting from binary polymer mixtures. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1994, 98, 366-372.	0.9	17
69	Depth profiling studies of the surface directed phase decomposition in thin polymer films. <i>Vacuum</i> , 1999, 54, 303-307.	3.5	17
70	Immobilization and detection of platelet-derived extracellular vesicles on functionalized silicon substrate: cytometric and spectrometric approach. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1109-1119.	3.7	17
71	Biophysical and Biochemical Characteristics as Complementary Indicators of Melanoma Progression. <i>Analytical Chemistry</i> , 2019, 91, 9885-9892.	6.5	17
72	Hydrodynamic-flow-driven phase evolution in a polymer blend film modified by diblock copolymers. <i>European Physical Journal E</i> , 2001, 5, 207-219.	1.6	16

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73	Dendrites and pillars in spin cast blends of polyaniline or its oligomeric analogue. <i>Synthetic Metals</i> , 2010, 160, 2459-2466.	3.9	16
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> , 2011, 25, 334-337.	1.2	16
75	Polymer blends spin cast into films with complementary elements for electronics and biotechnology. <i>Journal of Applied Polymer Science</i> , 2012, 125, 4275-4284.	2.6	16
76	Structures of two low-temperature incommensurate NbTe ₄ phases. <i>Acta Crystallographica Section B: Structural Science</i> , 1990, 46, 587-591.	1.8	15
77	Imaging and spectroscopic comparison of multi-step methods to form DNA arrays based on the biotin-streptavidin system. <i>Analyst</i> , 2015, 140, 1127-1139.	3.5	15
78	Orientation and biorecognition of immunoglobulin adsorbed on spin-cast poly(3-alkylthiophenes): Impact of polymer film crystallinity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 278-286.	5.0	15
79	Interference of microstructure and isotope labeling effects in polymer blend compatibility. <i>Macromolecules</i> , 1993, 26, 3858-3861.	4.8	14
80	Surface-directed spinodal decomposition modified by a surface active copolymer. <i>Europhysics Letters</i> , 1997, 40, 503-508.	2.0	14
81	Pattern replication in polyaniline-polystyrene thin films. <i>Synthetic Metals</i> , 2007, 157, 935-939.	3.9	14
82	Compositional Mismatch between Chemical Patterns on a Substrate and Polymer Blends Yielding Spin-Cast Films with Subpattern Periodicity. <i>Macromolecules</i> , 2007, 40, 2120-2125.	4.8	14
83	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> , 2021, 299, 385-405.	2.1	14
84	Pattern replication examined with integral geometry approach: application to ion milling of polymer blend films. <i>Thin Solid Films</i> , 2005, 476, 358-365.	1.8	13
85	Friction force microscopy as an alternative method to probe molecular interactions. <i>Journal of Chemical Physics</i> , 2005, 123, 014702.	3.0	13
86	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> , 2017, 150, 437-444.	5.0	13
87	X-ray study of crystal structure and pressure dependence of the Néel temperature of the GdRh ₂ Si ₂ and TbRh ₂ Si ₂ compounds. <i>Solid State Communications</i> , 1986, 57, 813-815.	1.9	12
88	Engineering a Poly(3,4-ethylenedioxythiophene):(Polystyrene Sulfonate) Surface Using Self-Assembling Molecules—A Chemical Library Approach. <i>ACS Omega</i> , 2018, 3, 3631-3639.	3.5	12
89	Impact of the various buffer solutions on the temperature-responsive properties of POEGMA-grafted brush coatings. <i>Colloid and Polymer Science</i> , 2022, 300, 487-495.	2.1	12
90	Magnetic interactions in RECu ₂ Si ₂ compounds (RE = Tb-Tm). <i>Journal of Magnetism and Magnetic Materials</i> , 1987, 67, 316-322.	2.3	11

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91	Diffusionâ€Limited Segregation of Diblock Copolymers to a Homopolymer Surface. <i>Israel Journal of Chemistry</i> , 1995, 35, 55-64.	2.3	11
92	Pattern guided structure formation in polymer films of asymmetric blends. <i>Surface Science</i> , 2006, 600, 1004-1011.	1.9	11
93	Buried polymer/metal interfaces examined with Kelvin Probe Force Microscopy. <i>Thin Solid Films</i> , 2013, 531, 271-276.	1.8	11
94	Protein adsorption/desorption and antibody binding stoichiometry on silicon interferometric biosensors examined with TOF-SIMS. <i>Applied Surface Science</i> , 2018, 444, 187-196.	6.1	10
95	Dewetting of Polymer Films Controlled by Protein Adsorption. <i>Langmuir</i> , 2020, 36, 11817-11828.	3.5	10
96	Structures in Multicomponent Polymer Films: Their Formation, Observation and Applications in Electronics and Biotechnology. <i>Acta Physica Polonica A</i> , 2009, 115, 435-440.	0.5	10
97	An approach to the structure of incommensurately modulated NbS ₃ type II. <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, 4171-4187.	1.5	9
98	Immobilization of oligonucleotide probes on silicon surfaces using biotinâ€streptavidin system examined with microscopic and spectroscopic techniques. <i>Applied Surface Science</i> , 2014, 290, 199-206.	6.1	9
99	Improved DNA microarray detection sensitivity through immobilization of preformed in solution streptavidin/biotinylated oligonucleotide conjugates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 464-472.	5.0	9
100	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> , 2017, 410, 79-86.	6.1	9
101	Protein corona of SiO ₂ nanoparticles with grafted thermoresponsive copolymers: Calorimetric insights on factors affecting entropy vs. enthalpy-driven associations. <i>Applied Surface Science</i> , 2022, 601, 154201.	6.1	9
102	A superspace-group description of the commensurately modulated structure of TaTe ₄ . <i>Acta Crystallographica Section B: Structural Science</i> , 1989, 45, 529-534.	1.8	8
103	Competitive Adsorption at Homopolymer Interfaces from a Binary Mixture of Diblock Copolymers. <i>Macromolecules</i> , 1995, 28, 8579-8586.	4.8	8
104	Surface enrichment-depletion duality in a binary polymer blend. <i>Europhysics Letters</i> , 1998, 43, 404-409.	2.0	8
105	Conductivity of Thin Polymer Films Containing Polyaniline. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 485, 796-803.	0.9	8
106	Modification of poly(ethylene terephthalate) surface with attached dextran macromolecules. <i>Polymer International</i> , 2009, 58, 1034-1040.	3.1	8
107	Electron-Beam Lithographic Grafting of Functional Polymer Structures from Fluoropolymer Substrates. <i>Langmuir</i> , 2016, 32, 10641-10650.	3.5	8
108	Modulated structure of (Ta _{0.72} Nb _{0.28})Te ₄ . <i>Acta Crystallographica Section B: Structural Science</i> , 1990, 46, 153-159.	1.8	7

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109	Plasma-Assisted Nanoscale Protein Patterning on Si Substrates via Colloidal Lithography. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13743-13751.	2.5	7
110	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> , 2016, 34, .	1.2	7
111	Evolution of 3D structures in a phase-separating polymer blend film confined by symmetric flat walls. <i>European Physical Journal E</i> , 2003, 12, 211-214.	1.6	6
112	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> , 2012, 8, 5550.	2.7	6
113	Adaptability of single melanoma cells to surfaces with distinct hydrophobicity and roughness. <i>Applied Surface Science</i> , 2018, 457, 881-890.	6.1	6
114	Comparison of Physical Adsorption and Covalent Coupling Methods for Surface Density-Dependent Orientation of Antibody on Silicon. <i>Molecules</i> , 2022, 27, 3672.	3.8	6
115	Effect of deuterium substitution on the surface interactions in binary polymer mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 2691-2702.	2.1	5
116	Surface segregation in the minority component of the binary polymer mixture. <i>Vacuum</i> , 1999, 54, 273-277.	3.5	5
117	Influence of solvents and substrates on the morphology and the performance of low-bandgap polyfluorene: PCBM photovoltaic devices. , 2006, 6192, 339.		5
118	Examination of polymer/metal interface modified by self-assembled monolayer by Kelvin probe force microscopy and secondary ion mass spectrometry. <i>Electrochimica Acta</i> , 2013, 104, 462-467.	5.2	5
119	Comparing surface properties of melanoma cells using time of flight secondary ions mass spectrometry. <i>Analyst, The</i> , 2016, 141, 6217-6225.	3.5	5
120	Patterning of cancerous cells driven by a combined modification of mechanical and chemical properties of the substrate. <i>European Polymer Journal</i> , 2017, 93, 726-732.	5.4	5
121	Formation, structure and wettability of fluorescent nanolayers of oligoperoxide europium complexes adsorbed to glass surface. <i>Thin Solid Films</i> , 2010, 518, 4318-4321.	1.8	4
122	Multilayers of poly(styrene- <i>l</i> -tert -butoxy- <i>l</i> -vinylbenzyl-polyglycidol) microspheres with core-shell morphology: Characterization by AFM, SIMS and XPS. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 507, 200-209.	4.7	4
123	Sequential binary protein patterning on surface domains of thermo-responsive polymer blends cast by horizontal-dipping. <i>Materials Science and Engineering C</i> , 2019, 99, 1477-1484.	7.3	4
124	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> , 2020, 506, 145002.	6.1	4
125	Grafted polymer brush coatings for growth of cow granulosa cells and oocyte-cumulus cell complexes. <i>Biointerphases</i> , 2020, 15, 031006.	1.6	4
126	Surface Segregation and Wetting from Polymer Mixtures. , 1994, , 313-322.		4

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127	Implementation of NSOM to Biological Samples. <i>Acta Physica Polonica A</i> , 2012, 121, 533-538.	0.5	4
128	Reverse contrast and substructures in protein micro-patterns on 3D polymer surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 144-151.	5.0	3
129	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. <i>Applied Materials Today</i> , 2020, 21, 100880.	4.3	3
130	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> , 2020, 412, 8093-8106.	3.7	3
131	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> , 2022, 594, 153439.	6.1	3
132	The Two-Dimensional Modulation in Bulk and Thin-Film $\text{Au}_{2-x}\text{Cd}_x$. <i>Physica Status Solidi A</i> , 1990, 117, 351-362.	1.7	2
133	Wetting transition in polyolefin blends studied by profiling techniques. <i>Macromolecular Symposia</i> , 2000, 149, 277-282.	0.7	2
134	Pattern Formation in Thin Polymer Films Containing Conducting Polyaniline. <i>Macromolecular Symposia</i> , 2008, 263, 47-52.	0.7	2
135	Humidity and wetting effects in spin-coated blends of insulating polymers and conducting polyaniline doped with DBSA. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2354-2361.	2.6	2
136	Study of Magnetism and Interface Processes between Thin Iron Film and Nickel Substrate by in-Situ Conversion Electron Mossbauer Spectroscopy. <i>Physica Status Solidi A</i> , 1986, 96, 573-579.	1.7	1
137	Surface-directed phase separation in nanometer polymer films: self-stratification and pattern replication. <i>E-Polymers</i> , 2002, 2, .	3.0	1
138	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> , 2016, 8, 1322-1332.	1.0	1
139	Influence of Acrylic Polymers Stereoregularity on Interface Interactions in Model Thin Film Systems. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800097.	2.2	1
140	1-D polymeric Photonic Crystal humido-chromic sensor. , 2011, , .		0
141	All-silicon monolithic optoelectronic platform for multi-analyte biochemical sensing. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
142	Adsorption and Wetting from Tunable Polyolefin Mixtures. , 1997, , 81-94.		0
143	Electrically Switchable Film Structure of Conjugated Polymer Composites. <i>Materials</i> , 2022, 15, 2219.	2.9	0