

Andrzej Bernasik

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.

136
papers

3,074
citations

32
h-index

49
g-index

141
ext. papers

3,500
ext. citations

4.6
avg, IF

4.92
L-index

#	Paper	IF	Citations
136	Ion distribution in iron oxide, zinc and manganese ferrite nanoparticles studied by XPS combined with argon gas cluster ion beam sputtering. <i>Surfaces and Interfaces</i> , 2022 , 30, 101865	4.1	
135	Aminolysis as a surface functionalization method of aliphatic polyester nonwovens: impact on material properties and biological response.. <i>RSC Advances</i> , 2022 , 12, 11303-11317	3.7	0
134	Fabrication and Impact of Fouling-Reducing Temperature-Responsive POEGMA Coatings with Embedded CaCO Nanoparticles on Different Cell Lines. <i>Materials</i> , 2021 , 14,	3.5	4
133	Surface Potential Driven Water Harvesting from Fog. <i>ACS Nano</i> , 2021 , 15, 8848-8859	16.7	11
132	Time-dependent effects on physicochemical and surface properties of PHBV fibers and films in relation to their interactions with fibroblasts. <i>Applied Surface Science</i> , 2021 , 545, 148983	6.7	11
131	The effect of shell modification in iron oxide nanoparticles on electrical conductivity in polythiophene-based nanocomposites. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10453-10461	7.1	1
130	Covalently bonded surface functional groups on carbon nanotubes: from molecular modeling to practical applications. <i>Nanoscale</i> , 2021 , 13, 10152-10166	7.7	5
129	Surface potential and roughness controlled cell adhesion and collagen formation in electrospun PCL fibers for bone regeneration. <i>Materials and Design</i> , 2020 , 194, 108915	8.1	50
128	Enhanced Piezoelectricity of Electrospun Polyvinylidene Fluoride Fibers for Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13575-13583	9.5	72
127	Versailles Project on Advanced Materials and Standards interlaboratory study on intensity calibration for x-ray photoelectron spectroscopy instruments using low-density polyethylene. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020 , 38, 063208	2.9	5
126	Fiber-Based Composite Meshes with Controlled Mechanical and Wetting Properties for Water Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 1665-1676	9.5	31
125	Effect of CO Partial Pressure on the Corrosion Inhibition of N80 Carbon Steel by Gum Arabic in a CO-Water Saline Environment for Shale Oil and Gas Industry. <i>Materials</i> , 2020 , 13,	3.5	2
124	Extraordinary conduction increase in model conjugated/insulating polymer system induced by surface located electric dipoles. <i>Applied Materials Today</i> , 2020 , 21, 100880	6.6	1
123	Stabilizing fluorite structure in ceria-based high-entropy oxides: Influence of Mo addition on crystal structure and transport properties. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 5870-5881	6	13
122	Poly(methylvinylsiloxane)-Based High Internal Phase Emulsion-Templated Materials (polyHIPEs)-Preparation, Incorporation of Palladium, and Catalytic Properties. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 19485-19499	3.9	4
121	Non-cytotoxic, temperature-responsive and antibacterial POEGMA based nanocomposite coatings with silver nanoparticles.. <i>RSC Advances</i> , 2020 , 10, 10155-10166	3.7	19
120	"Command" surfaces with thermo-switchable antibacterial activity. <i>Materials Science and Engineering C</i> , 2019 , 103, 109806	8.3	22

119	Enhanced hyperthermic properties of biocompatible zinc ferrite nanoparticles with a charged polysaccharide coating. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2962-2973	7.3	20
118	Electrospinning: Single-Step Approach to Tailor Surface Chemistry and Potential on Electrospun PCL Fibers for Tissue Engineering Application (Adv. Mater. Interfaces 2/2019). <i>Advanced Materials Interfaces</i> , 2019 , 6, 1970010	4.6	1
117	Gradient of zinc content in core-shell zinc ferrite nanoparticles - precise study on composition and magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 23473-23484	3.6	4
116	Surface-Potential-Controlled Cell Proliferation and Collagen Mineralization on Electrospun Polyvinylidene Fluoride (PVDF) Fiber Scaffolds for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 582-593	5.5	54
115	Surface potential tailoring of PMMA fibers by electrospinning for enhanced triboelectric performance. <i>Nano Energy</i> , 2019 , 57, 500-506	17.1	41
114	Single-Step Approach to Tailor Surface Chemistry and Potential on Electrospun PCL Fibers for Tissue Engineering Application. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1801211	4.6	29
113	Polymer brushes grafted from nanostructured zinc oxide layers [Spatially controlled decoration of nanorods. <i>European Polymer Journal</i> , 2019 , 112, 186-194	5.2	5
112	Halloysite-alkaline phosphatase system-A potential bioactive component of scaffold for bone tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 173, 1-8	6	21
111	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	3.9	9
110	Carbon nanomaterials coatings [Properties and influence on nerve cells response. <i>Diamond and Related Materials</i> , 2018 , 84, 127-140	3.5	12
109	Protein adsorption/desorption and antibody binding stoichiometry on silicon interferometric biosensors examined with TOF-SIMS. <i>Applied Surface Science</i> , 2018 , 444, 187-196	6.7	8
108	Protein adsorption mechanisms at rough surfaces: Serum albumin at a gold substrate. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 631-641	9.3	28
107	Between single ion magnets and macromolecules: a polymer/transition metal-based semi-solid solution. <i>Chemical Science</i> , 2018 , 9, 7277-7286	9.4	6
106	Influence of Acrylic Polymers Stereoregularity on Interface Interactions in Model Thin Film Systems. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1800097	2.6	
105	Roughness and Fiber Fraction Dominated Wetting of Electrospun Fiber-Based Porous Meshes. <i>Polymers</i> , 2018 , 11,	4.5	90
104	Temperature-Controlled Three-Stage Switching of Wetting, Morphology, and Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12035-12045	9.5	25
103	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	6.7	8
102	The grafting density and thickness of polythiophene-based brushes determine the orientation, conjugation length and stability of the grafted chains. <i>Polymer Chemistry</i> , 2017 , 8, 6250-6262	4.9	21

101	Oxide phases and residual stresses in scales formed at early stages of oxidation of ENiAl at 1473 K and the effect of implanted yttrium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2017 , 68, 235-248	1.6	5
100	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	6	10
99	Growth and motility of human skin fibroblasts on multilayer strong polyelectrolyte films. <i>Journal of Colloid and Interface Science</i> , 2016 , 461, 305-316	9.3	9
98	Temperature-responsive properties of poly(4-vinylpyridine) coatings: influence of temperature on the wettability, morphology, and protein adsorption. <i>RSC Advances</i> , 2016 , 6, 87469-87477	3.7	25
97	Physico-chemical properties of PDMS surfaces suitable as substrates for cell cultures. <i>Applied Surface Science</i> , 2016 , 389, 247-254	6.7	29
96	Optical and electrical properties of Ti(Cr)O ₂ :N thin films deposited by magnetron co-sputtering. <i>Applied Surface Science</i> , 2016 , 380, 73-82	6.7	10
95	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, 030604	1.3	6
94	XPS depth profiling of organic photodetectors with the gas cluster ion beam. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016 , 34, 03H119	1.3	2
93	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	6.7	14
92	Multilayers of poly(styrene- <i>b</i> -tert-butoxy- <i>b</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	5.1	4
91	Imaging and spectroscopic comparison of multi-step methods to form DNA arrays based on the biotin-streptavidin system. <i>Analyst, The</i> , 2015 , 140, 1127-39	5	14
90	Measuring Compositions in Organic Depth Profiling: Results from a VAMAS Interlaboratory Study. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 10784-97	3.4	46
89	Synthesis and Postpolymerization Modification of Thermoresponsive Coatings Based on Pentaerythritol Monomethacrylate: Surface Analysis, Wettability, and Protein Adsorption. <i>Langmuir</i> , 2015 , 31, 9675-83	4	18
88	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	4.1	42
87	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, 270-9	6	15
86	Effects of polythiophene surface structure on adsorption and conformation of bovine serum albumin: a multivariate and multitechnique study. <i>Langmuir</i> , 2014 , 30, 13925-33	4	22
85	Immobilization of oligonucleotide probes on silicon surfaces using biotin-streptavidin system examined with microscopic and spectroscopic techniques. <i>Applied Surface Science</i> , 2014 , 290, 199-206	6.7	7
84	Humidity and wetting effects in spin-cast blends of insulating polymers and conducting polyaniline doped with DBSA. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2354-2361	2.9	2

83	Temperature and pH dual-responsive POEGMA-based coatings for protein adsorption. <i>Journal of Colloid and Interface Science</i> , 2013 , 411, 247-56	9.3	35
82	Buried polymer/metal interfaces examined with Kelvin Probe Force Microscopy. <i>Thin Solid Films</i> , 2013 , 531, 271-276	2.2	10
81	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	6.7	5
80	Model immunoassay on silicon surfaces: vertical and lateral nanostructure vs. protein coverage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 253-60	6	22
79	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, 217-24	6	34
78	Plasma-assisted nanoscale protein patterning on Si substrates via colloidal lithography. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 13743-51	2.8	6
77	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	9.3	39
76	Polymer blends spin-cast into films with complementary elements for electronics and biotechnology. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 4275-4284	2.9	7
75	Spectroscopic and microscopic characterization of biosensor surfaces with protein/amino-organosilane/silicon structure. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 90, 159-68	6	38
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		9
73	Preparation and characterization of polypyrrole with dispersed metallic rhodium particles. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1067-1077	3.2	5
72	Scale growth process at 1473 K on unmodified and yttrium- or chromium-implanted ENiAl. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2011 , 62, 490-495	1.6	4
71	Tuning the Vertical Phase Separation in Polyfluorene:Fullerene Blend Films by Polymer Functionalization. <i>Chemistry of Materials</i> , 2011 , 23, 2295-2302	9.6	39
70	Dendrites and pillars in spin cast blends of polyaniline or its oligomeric analogue. <i>Synthetic Metals</i> , 2010 , 160, 2459-2466	3.6	15
69	Redox behaviour of polyaniline/palladium catalytic system in the presence of formic acid. <i>Synthetic Metals</i> , 2010 , 160, 2546-2551	3.6	8
68	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	6	20
67	Device Performance of APFO-3/PCBM Solar Cells with Controlled Morphology. <i>Advanced Materials</i> , 2009 , 21, 4398-403	24	51
66	Application of Conjugated Polymer/Platinum Group Metal Composites as Heterogeneous Catalysts. <i>Catalysis Letters</i> , 2009 , 127, 304-311	2.8	7

65	Selective protein adsorption on polymer patterns formed by self-organization and soft lithography. <i>Biomacromolecules</i> , 2009 , 10, 2101-9	6.9	39
64	Ordering domains of spin cast blends of conjugated and dielectric polymers on surfaces patterned by soft- and photo-lithography. <i>Soft Matter</i> , 2009 , 5, 234-241	3.6	28
63	Mechanistic aspects of Pt-modified NiAl alloy oxidation. <i>Materials at High Temperatures</i> , 2009 , 26, 273-280		11
62	The mechanism of early oxidation stages of Fe ₂₀ Cr ₅ Al-type alloys at 1123 K. <i>Materials at High Temperatures</i> , 2009 , 26, 259-272	1.1	3
61	Structures in Multicomponent Polymer Films: Their Formation, Observation and Applications in Electronics and Biotechnology. <i>Acta Physica Polonica A</i> , 2009 , 115, 435-440	0.6	9
60	Conductivity of Thin Polymer Films Containing Polyaniline. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 485, 796-803	0.5	7
59	Polymer vs Solvent Diagram of Film Structures Formed in Spin-Cast Poly(3-alkylthiophene) Blends. <i>Macromolecules</i> , 2008 , 41, 4802-4810	5.5	51
58	Pattern Formation in Thin Polymer Films Containing Conducting Polyaniline. <i>Macromolecular Symposia</i> , 2008 , 263, 47-52	0.8	2
57	Polyaniline-rhodium composites: Preparation, physicochemical characterization, and catalytic properties. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 447-455	2.9	7
56	Investigations of polyaniline-platinum composites prepared by sodium borohydride reduction. <i>European Polymer Journal</i> , 2008 , 44, 1594-1602	5.2	19
55	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	5.5	14
54	Structure evolution in layers of polymer blend nanoparticles. <i>Langmuir</i> , 2007 , 23, 7235-40	4	17
53	Humidity and solvent effects in spin-coated polythiophene-polystyrene blends. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 67-79	2.9	42
52	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	6.7	122
51	Swelling of poly(3-alkylthiophene) films exposed to solvent vapors and humidity: Evaluation of solubility parameters. <i>Synthetic Metals</i> , 2007 , 157, 726-732	3.6	82
50	Pattern replication in polyaniline-polystyrene thin films. <i>Synthetic Metals</i> , 2007 , 157, 935-939	3.6	13
49	Morphology and Phase Segregation of Spin-Casted Films of Polyfluorene/PCBM Blends. <i>Macromolecules</i> , 2007 , 40, 8291-8301	5.5	279
48	Diffusion of niobium in yttria-stabilized zirconia and in titania-doped yttria-stabilized zirconia polycrystalline materials. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 3139-3143	6	6

47	Influence of solvents and substrates on the morphology and the performance of low-bandgap polyfluorene: PCBM photovoltaic devices 2006 , 6192, 339		4
46	Polyaniline incorporating cobalt ions from CoCl ₂ solutions. <i>Reactive and Functional Polymers</i> , 2006 , 66, 1703-1710	4.6	23
45	Pattern guided structure formation in polymer films of asymmetric blends. <i>Surface Science</i> , 2006 , 600, 1004-1011	1.8	10
44	Production of nanoparticles of copper compounds by anodic dissolution of copper in organic solvents. <i>Journal of Applied Electrochemistry</i> , 2006 , 36, 1407-1414	2.6	12
43	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	81
42	Composition Effects in Polymer Blends Spin-Cast on Patterned Substrates. <i>Macromolecules</i> , 2005 , 38, 8486-8493	5.5	38
41	Influence of humid atmosphere on phase separation in polyaniline-polystyrene thin films. <i>Synthetic Metals</i> , 2005 , 155, 516-522	3.6	22
40	On the application of SIMS to study the oxidation mechanisms of alumina formers. <i>Materials at High Temperatures</i> , 2005 , 22, 505-519	1.1	7
39	Pattern replication examined with integral geometry approach: application to ion milling of polymer blend films. <i>Thin Solid Films</i> , 2005 , 476, 358-365	2.2	12
38	Role of Al segregation and high affinity to oxygen in formation of adhesive alumina layers on FeCr alloy support. <i>Catalysis Today</i> , 2005 , 105, 629-633	5.3	27
37	Physicochemical and catalytic properties of palladium supported on poly(o-methoxyaniline). <i>Materials Research Bulletin</i> , 2005 , 40, 869-889	5.1	5
36	Investigation of the Scale Growth Mechanism on FeCrAl Thin Foil in SO ₂ Using Tracer Method. <i>Defect and Diffusion Forum</i> , 2005 , 237-240, 971-978	0.7	
35	On the application of SIMS to study the oxidation mechanisms of alumina formers. <i>Materials at High Temperatures</i> , 2005 , 22, 505-519	1.1	8
34	Experimental and calculated phase equilibria in the cubic BN _{1-x} Al _x system. <i>Ceramics International</i> , 2004 , 30, 31-40	5.1	3
33	Lamellar structures formed in spin-cast blends of insulating and conducting polymers. <i>Synthetic Metals</i> , 2004 , 144, 253-253	3.6	
32	Structures Formed in Spin-Cast Films of Polystyrene Blends with Poly(butyl methacrylate) Isomers. <i>Macromolecules</i> , 2004 , 37, 7308-7315	5.5	34
31	Poly(o-methoxyaniline)-palladium systems: effect of preparation conditions on physico-chemical properties. <i>Synthetic Metals</i> , 2004 , 143, 341-350	3.6	34
30	Lamellar structures formed in spin-cast blends of insulating and conducting polymers. <i>Synthetic Metals</i> , 2004 , 144, 253-257	3.6	27

29	Substructure formation during pattern transposition from substrate into polymer blend film. <i>Europhysics Letters</i> , 2003 , 62, 855-861	1.6	24
28	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	1.5	6
27	Poly(o-toluidine) as the matrix for incorporation of palladium species from PdCl ₂ aqueous solutions. <i>Polymer</i> , 2003 , 44, 7809-7819	3.9	21
26	Polypyrrole-palladium systems prepared in PdCl ₂ aqueous solutions. <i>European Polymer Journal</i> , 2003 , 39, 1669-1678	5.2	23
25	Surface Patterns in Solvent-Cast Polymer Blend Films Analyzed with an Integral-Geometry Approach. <i>Macromolecules</i> , 2003 , 36, 2419-2427	5.5	56
24	Substrate-Determined Shape of Free Surface Profiles in Spin-Cast Polymer Blend Films. <i>Macromolecules</i> , 2003 , 36, 4060-4067	5.5	62
23	Surface segregation in yttria-stabilized zirconia by means of angle resolved X-ray photoelectron spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 233-239	3.9	51
22	XPS studies of nitrogen-containing conjugated polymers-palladium systems. <i>Surface Science</i> , 2002 , 507-510, 916-921	1.8	81
21	Hydrodynamic-flow-driven phase evolution in a polymer blend film modified by diblock copolymers. <i>European Physical Journal E</i> , 2001 , 5, 207-219	1.5	15
20	XPS study of the cBN-TiC system. <i>Ceramics International</i> , 2001 , 27, 637-643	5.1	47
19	Phase decomposition in polymer blend films cast on homogeneous substrates modified by self-assembled monolayers. <i>Vacuum</i> , 2001 , 63, 297-305	3.7	21
18	Phase decomposition in polymer blend films cast on substrates patterned with self-assembled monolayers. <i>Vacuum</i> , 2001 , 63, 307-313	3.7	47
17	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 ^{4.8}		39
16	Diffusion of calcium in yttria stabilized zirconia ceramics. <i>Journal of the European Ceramic Society</i> , 2000 , 20, 2095-2100	6	21
15	Bulk and grain boundary diffusion of titanium in yttria-stabilized zirconia. <i>Journal of the European Ceramic Society</i> , 2000 , 20, 951-958	6	32
14	CBN-Ti/Cr ₃ C ₂ composite materials: chemical equilibria, XPS investigations. <i>Ceramics International</i> , 2000 , 26, 545-550	5.1	12
13	Wetting transition in polyolefin blends studied by profiling techniques. <i>Macromolecular Symposia</i> , 2000 , 149, 277-282	0.8	2
12	Wetting transition in a binary polymer blend. <i>Europhysics Letters</i> , 2000 , 50, 35-40	1.6	18

11	Transport of Oxygen in the Scales Growing on Nickel and Cobalt in SO ₂ Atmosphere. <i>Solid State Phenomena</i> , 2000 , 72, 41-46	0.4	
10	Surface segregation in the minority component of the binary polymer mixture. <i>Vacuum</i> , 1999 , 54, 273-277	3.7	5
9	Depth profiling studies of the surface directed phase decomposition in thin polymer films. <i>Vacuum</i> , 1999 , 54, 303-307	3.7	17
8	Surface-directed spinodal decomposition modified by a surface active copolymer. <i>Europhysics Letters</i> , 1997 , 40, 503-508	1.6	13
7	Chemical Character of Active Carbon Surface After Oxidation in Liquid or Gas Phase. <i>Kluwer International Series in Engineering and Computer Science</i> , 1996 , 109-116		1
6	Effects of Segregation in Ceramics. <i>Key Engineering Materials</i> , 1995 , 111-112, 1-10	0.4	2
5	A combined approach: Isotopic exposure/SIMS analysis/SEM to Study the Early Stages of oxidation of FeNiAl at 1473 K. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 1995 , 46, 297-305	1.6	20
4	Electrical surface versus bulk properties of Fe-doped TiO ₂ single crystals. <i>Solid State Ionics</i> , 1994 , 72, 12-18	3.3	19
3	Electrical properties of Cr- and Nb-doped TiO ₂ thin films. <i>Applied Surface Science</i> , 1993 , 65-66, 240-245	6.7	49
2	Effect of surface treatment on segregation of impurities in haematite. <i>Journal of Materials Science</i> , 1991 , 26, 2527-2532	4.3	3
1	The mechanism of early oxidation stages of Fe ₂₀ Cr ₅ Al-type alloys at 1123 K		1