

Hubert Gojzewski

List of Publications by Year in descending order

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53
papers

779
citations

516710
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all docs

55
docs citations

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times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial bacterial retention on polydimethylsiloxane of various stiffnesses: The relevance of modulus (mis)match. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112709.	5.0	5
2	Lignin Nanoparticles as Highly Efficient, Recyclable Emulsifiers for Enhanced Oil Recovery. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9334-9344.	6.7	17
3	Designer Core-Shell Nanoparticles as Polymer Foam Cell Nucleating Agents: The Impact of Molecularly Engineered Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17034-17045.	8.0	12
4	RNA-Inspired and Accelerated Degradation of Polylactide in Seawater. <i>Journal of the American Chemical Society</i> , 2021, 143, 16673-16681.	13.7	37
5	Sialon and Alumina Modified UV-Curable Coatings with Improved Mechanical Properties and Hydrophobicity. <i>Coatings</i> , 2021, 11, 1424.	2.6	1
6	Reversible polarization switching in leaky ferroelectrics using an ionic gel induced electrostatic field effect. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	1
7	Network Mesh Nanostructures in Cross-Linked Poly(Dimethylsiloxane) Visualized by AFM. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000170.	2.2	10
8	Localized Liquid Secretion from a Photopatterned Liquid-Crystal Polymer Skin. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4071-4077.	4.4	10
9	Magnetic hyperthermia study of magnetosome chain systems in tissue-mimicking phantom. <i>Journal of Molecular Liquids</i> , 2020, 320, 114470.	4.9	13
10	Dispersion of magnetic susceptibility in a suspension of flexible ferromagnetic rods. <i>Journal of Molecular Liquids</i> , 2020, 305, 112823.	4.9	3
11	A multi-technique characterization of the tribofilm formed by a fully formulated CVT fluid. <i>Tribology International</i> , 2020, 146, 106201.	5.9	5
12	Layer-by-Layer Printing of Photopolymers in 3D: How Weak is the Interface?. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8908-8914.	8.0	76
13	Thin films of copper phthalocyanine deposited by solution processing methods. <i>Materials Science-Poland</i> , 2020, 38, 79-90.	1.0	1
14	Oscillating Surfaces Fueled by a Continuous AC Electric Field. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901292.	3.7	9
15	Kinetic aspects of formation and processing of polycaprolactone polyurethanes <i>in situ</i> from a blocked isocyanate. <i>Polymer Chemistry</i> , 2018, 9, 1983-1995.	3.9	10
16	Controlled sub-10-nanometer poly(<i>N</i> -isopropylacrylamide) layers grafted from silicon by atom transfer radical polymerization. <i>Polymers for Advanced Technologies</i> , 2018, 29, 806-813.	3.2	12
17	Properties and Phase Structure of Polycaprolactone-Based Segmented Polyurethanes with Varying Hard and Soft Segments: Effects of Processing Conditions. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700214.	2.2	16
18	Photocurable acrylate-based composites with enhanced thermal conductivity containing boron and silicon nitrides. <i>EXPRESS Polymer Letters</i> , 2018, 12, 790-807.	2.1	17

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19	Thin cyclomatrix polyphosphazene films: interfacial polymerization of hexachlorocyclotriphosphazene with aromatic biphenols. <i>Polymer Chemistry</i> , 2018, 9, 3169-3180.	3.9	17
20	Designer poly(urea-siloxane) microspheres with controlled modulus and size: Synthesis, morphology, and nanoscale stiffness by AFM. <i>Polymer</i> , 2018, 150, 289-300.	3.8	11
21	Nanoscale Young's modulus and surface morphology in photocurable polyacrylate/nanosilica composites. <i>European Polymer Journal</i> , 2017, 88, 205-220.	5.4	22
22	Pick up, move and release of nanoparticles utilizing co-non-solvency of PNIPAM brushes. <i>Nanoscale</i> , 2017, 9, 1670-1675.	5.6	40
23	Pulling angle-dependent force microscopy. <i>Review of Scientific Instruments</i> , 2017, 88, 033705.	1.3	6
24	Effect of the Chain Length and Temperature on the Adhesive Properties of Alkanethiol Self-Assembled Monolayers. <i>Langmuir</i> , 2017, 33, 11862-11868.	3.5	9
25	Dataset for acrylate/silica nanoparticles formulations and photocured composites: Viscosity, filler dispersion and bulk Poisson's ratio. <i>Data in Brief</i> , 2017, 12, 528-534.	1.0	11
26	Influence of Temperature on the Nanoadhesion of a Methyl-Terminated Thiol Monolayer: A New Insight with High-Rate Dynamic Force Spectroscopy. <i>Langmuir</i> , 2016, 32, 4500-4508.	3.5	8
27	Mechanical mapping and morphology across the length scales unveil structure-property relationships in polycaprolactone based polyurethanes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 2298-2310.	2.1	23
28	Energy losses in mechanically modified bacterial magnetosomes. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 365002.	2.8	22
29	Photocurable polymethacrylate-silica nanocomposites: correlation between dispersion stability, curing kinetics, morphology and properties. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	20
30	A sustainable synthesis alternative for IL-derived N-doped carbons: Bio-based-imidazolium compounds. <i>Carbon</i> , 2015, 94, 641-645.	10.3	15
31	Nucleation and growth of copper phthalocyanine aggregates deposited from solution on planar surfaces. <i>Applied Surface Science</i> , 2015, 351, 969-976.	6.1	14
32	Characterization of Magnetosomes After Exposure to the Effect of the Sonication and Ultracentrifugation. <i>Acta Physica Polonica A</i> , 2014, 126, 198-199.	0.5	6
33	Particle clustering in photocurable nanocomposites: Dependence of curing kinetics and viscoelastic properties. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	7
34	Surface-dependent effect of functional silica fillers on photocuring kinetics of hydrogel materials. <i>Journal of Polymer Science Part A</i> , 2014, 52, n/a-n/a.	2.3	6
35	Magnetosomes - Bacterial Magnetic Nanoparticles. <i>Communications - Scientific Letters of the University of Zilina</i> , 2014, 16, 26-32.	0.6	1
36	Nanoadhesion on Rigid Methyl-Terminated Biphenyl Thiol Monolayers: A High-Rate Dynamic Force Spectroscopy Study. <i>ChemPhysChem</i> , 2013, 14, 543-549.	2.1	5

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37	Hyperthermic Effect in Suspension of Magnetosomes Prepared by Various Methods. IEEE Transactions on Magnetism, 2013, 49, 250-254.	2.1	39
38	On the determination of the helical structure parameters of amyloid protofilaments by small-angle neutron scattering and atomic force microscopy. Journal of Applied Crystallography, 2013, 46, 224-233.	4.5	15
39	Magnetosomes on surface: an imaging study approach. Scanning, 2012, 34, 159-169.	1.5	18
40	The Influence of Morphology on Magnetic Properties of Magnetosomes. Acta Physica Polonica A, 2012, 121, 1250-1252.	0.5	6
41	Influence of humidity on the nanoadhesion between a hydrophobic and a hydrophilic surface. Chemical Physics Letters, 2011, 503, 66-70.	2.6	21
42	Optical anisotropy of magnetosome-doped polymer films. Journal of Magnetism and Magnetic Materials, 2011, 323, 1364-1367.	2.3	2
43	Magneto-optical study of magnetite nanoparticles prepared by chemical and biomineralization process. Journal of Magnetism and Magnetic Materials, 2011, 323, 1453-1459.	2.3	19
44	Monomer/modified nanosilica systems: Photopolymerization kinetics and composite characterization. Polymer, 2011, 52, 1495-1503.	3.8	37
45	Influence of Magnetite Nanoparticles on Human Leukocyte Activity. , 2010, , .		0
46	Quantitative Analysis of the Interaction between an Atomic Force Microscopy Tip and a Hydrophobic Monolayer. Journal of Physical Chemistry C, 2010, 114, 21572-21578.	3.1	16
47	Effect of Humidity on Nanoscale Adhesion on Self-Assembled Thiol Monolayers Studied by Dynamic Force Spectroscopy. Langmuir, 2010, 26, 1837-1847.	3.5	18
48	The Effect of Polymer Immobilization on Magnetic Properties of Magnetosomes. Acta Physica Polonica A, 2010, 118, 995-997.	0.5	2
49	Growth of thin polymer films containing side-chain azo-dye analyzed by atomic force microscopy. Surface Science, 2009, 603, 237-246.	1.9	5
50	Magnetic properties and heating effect in bacterial magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2009, 321, 1521-1524.	2.3	48
51	Quantitative Characterization of Nanoadhesion by Dynamic Force Spectroscopy. Langmuir, 2009, 25, 256-261.	3.5	20
52	Magnetic Properties of Bacterial Nanoparticles. Acta Physica Polonica A, 2009, 115, 381-383.	0.5	5
53	Visco-elastic properties of thin nylon films using multi-cycling nanoindentation. International Journal of Materials Research, 2007, 98, 414-423.	0.3	9