

Walter Caseri

List of Publications by Year in descending order

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155
papers

5,029
citations

94269

37
h-index

106150

65
g-index

159
all docs

159
docs citations

159
times ranked

4865
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocomposites of polymers and metals or semiconductors: Historical background and optical properties. <i>Macromolecular Rapid Communications</i> , 2000, 21, 705-722.	2.0	508
2	Oriented Pearl-Necklace Arrays of Metallic Nanoparticles in Polymers: A New Route Toward Polarization-Dependent Color Filters. <i>Advanced Materials</i> , 1999, 11, 223-227.	11.1	299
3	Polymer-TiO ₂ Nanocomposites: A Route Towards Visually Transparent Broadband UV Filters and High Refractive Index Materials. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 44-49.	1.7	256
4	Preparation and characterization of cationic nanofibrillated cellulose from etherification and high-shear disintegration processes. <i>Cellulose</i> , 2011, 18, 1391-1406.	2.4	137
5	Size Variation of PbS Particles in High-Refractive-Index Nanocomposites. <i>The Journal of Physical Chemistry</i> , 1994, 98, 8992-8997.	2.9	127
6	Preparation, structure and properties of uniaxially oriented polyethylene-silver nanocomposites. <i>Journal of Materials Science</i> , 1999, 34, 3859-3866.	1.7	116
7	Composites of Cationic Nanofibrillated Cellulose and Layered Silicates: Water Vapor Barrier and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4832-4840.	4.0	110
8	Nonaqueous TiO ₂ Nanoparticle Synthesis: a Versatile Basis for the Fabrication of Self-Supporting, Transparent, and UV-Absorbing Composite Films. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1097-1104.	4.0	109
9	High refractive index films of polymer nanocomposites. <i>Journal of Materials Research</i> , 1993, 8, 1742-1748.	1.2	105
10	Hydrosilylation chemistry and catalysis with cis-PtCl ₂ (PhCH=CH) ₂ . <i>Organometallics</i> , 1988, 7, 1373-1380.	1.1	102
11	INORGANIC NANOPARTICLES AS OPTICALLY EFFECTIVE ADDITIVES FOR POLYMERS. <i>Chemical Engineering Communications</i> , 2008, 196, 549-572.	1.5	102
12	Polymerization of Styrene with Initiator Ionically Bound to High Surface Area Mica: Grafting via an Unexpected Mechanism. <i>Macromolecules</i> , 1994, 27, 1637-1642.	2.2	98
13	Flame-made nanoparticles for nanocomposites. <i>Nano Today</i> , 2010, 5, 48-65.	6.2	89
14	Composite Nanotubes Formed by Self-Assembly of PbS Nanoparticles. <i>Nano Letters</i> , 2003, 3, 569-572.	4.5	87
15	Preparation of nanocomposites of polyaniline and inorganic semiconductors. <i>Journal of Materials Chemistry</i> , 2001, 11, 2465-2469.	6.7	82
16	Soluble phthalocyaninato-polysiloxanes: Rigid rod polymers of high molecular weight. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1988, 9, 651-657.	1.1	75
17	Preparation of polymer nanocomposites with "ultrahigh" refractive index. <i>Polymers for Advanced Technologies</i> , 1991, 2, 75-80.	1.6	64
18	Polymer nanocomposites with "ultralow" refractive index. <i>Polymers for Advanced Technologies</i> , 1993, 4, 1-7.	1.6	64

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19	Polymer sheets with a thin nanocomposite layer acting as a UV filter. <i>Polymers for Advanced Technologies</i> , 1997, 8, 505-512.	1.6	64
20	Hydrosilylation with platinum complexes. Preparation, low-temperature NMR spectra, and x-ray crystal structure of the novel bis-olefin catalyst $\text{cis-PtCl}_2(\text{PhCH}=\text{CH}_2)_2$. <i>Organometallics</i> , 1987, 6, 788-793.	1.1	61
21	Synthesis and Characterization of Linear Poly(dialkylstannane)s. <i>Macromolecules</i> , 2007, 40, 7878-7889.	2.2	60
22	From Vauquelin's and Magnus' Salts to Gels, Uniaxially Oriented Films, and Fibers: Synthesis, Characterization, and Properties of Tetrakis(1-aminoalkane)metal(II) Tetrachlorometalates(II). <i>Chemistry of Materials</i> , 1999, 11, 977-994.	3.2	59
23	Optically anisotropic polyethylene-gold nanocomposites. <i>Applied Optics</i> , 1999, 38, 6581.	2.1	54
24	Versatile Method for Chemical Reactions with Self-Assembled Monolayers of Alkanethiols on Gold. <i>Langmuir</i> , 2001, 17, 3643-3650.	1.6	53
25	Development of novel chemical sensor devices based on LB films from phthalocyaninato-polysiloxane polymers. <i>Journal Physics D: Applied Physics</i> , 1990, 23, 79-84.	1.3	50
26	Polymerization of Styrene with Peroxide Initiator Ionically Bound to High Surface Area Mica. <i>Macromolecules</i> , 1999, 32, 3590-3597.	2.2	50
27	Facile synthesis of linear poly(dibutylstannane). <i>Journal of Materials Chemistry</i> , 2005, 15, 1789.	6.7	49
28	Complexation of Unsaturated Carbon-Carbon Bonds in π -Conjugated Polymers with Transition Metals. <i>Journal of the American Chemical Society</i> , 2001, 123, 3857-3863.	6.6	48
29	A Soluble Equivalent of the Supramolecular, Quasi-One-Dimensional, Semiconducting Magnus' Green Salt. <i>Chemistry of Materials</i> , 2002, 14, 1730-1735.	3.2	47
30	Alkali Metals Ion Exchange on Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1999, 209, 232-239.	5.0	46
31	Orientation and Electronic Structure of Ion Exchanged Dye Molecules on Mica: An X-Ray Absorption Study. <i>Journal of Colloid and Interface Science</i> , 1998, 198, 337-346.	5.0	44
32	Characterization of Pores in Dense Nanopapers and Nanofibrillated Cellulose Membranes: A Critical Assessment of Established Methods. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25884-25897.	4.0	42
33	Synthesis and characterization of liquid platinum compounds. <i>Inorganica Chimica Acta</i> , 2000, 299, 199-208.	1.2	41
34	Color Switching in Gold-Polysiloxane Elastomeric Nanocomposites. <i>Advanced Materials</i> , 2006, 18, 1653-1656.	11.1	41
35	Ion Exchange on Muscovite Mica with Ultrahigh Specific Surface Area. <i>Journal of Colloid and Interface Science</i> , 1993, 157, 318-327.	5.0	39
36	Adsorption of Polymeric Inclusion Compounds on Muscovite Mica. <i>Macromolecules</i> , 1996, 29, 718-723.	2.2	39

#	ARTICLE	IF	CITATIONS
37	Title is missing!. Journal of Nanoparticle Research, 2002, 4, 319-323.	0.8	39
38	Derivatives of Magnus' Green Salt. Platinum Metals Review, 2004, 48, 91-100.	1.5	38
39	From Colloidal Aggregates to Layered Nanosized Structures in Polymer-Surfactant Systems. 1. Basic Phenomena. Journal of Physical Chemistry B, 2001, 105, 4133-4144.	1.2	35
40	Mechanistic aspects of the platinum catalysed hydrosilylation of PhC≡CH with Et ₃ SiH. Journal of Organometallic Chemistry, 1988, 356, 259-269.	0.8	34
41	Pronounced photochromism of titanium oxide hydrates (hydrous TiO ₂). Journal of Materials Chemistry, 2010, 20, 1348-1356.	6.7	34
42	Homoconjugation in poly(phenylene methylene)s: A case study of non- π -conjugated polymers with unexpected fluorescent properties. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 707-720.	2.4	34
43	Adsorption of alkanenitriles and alkanedinitriles on gold and copper. Langmuir, 1992, 8, 2771-2777.	1.6	33
44	One-pot synthesis of polymer/inorganic hybrids: toward readily accessible, low-loss, and highly tunable refractive index materials and patterns. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 65-74.	2.4	32
45	Polystannanes: Polymers of a Molecular, Jacketed Metal-Wire Structure. Advanced Materials, 2008, 20, 2225-2229.	11.1	30
46	Color switching in nanocomposites comprising inorganic nanoparticles dispersed in a polymer matrix. Journal of Materials Chemistry, 2010, 20, 5582.	6.7	30
47	Electroless Plating of Ultrathin Films and Mirrors of Platinum Nanoparticles onto Polymers, Metals, and Ceramics. ACS Applied Materials & Interfaces, 2010, 2, 639-643.	4.0	30
48	Polystannanes: Synthesis, Properties, and Outlook. Macromolecular Rapid Communications, 2012, 33, 448-460.	2.0	28
49	Processing and characterization of nanofibrillated cellulose/layered silicate systems. Journal of Materials Science, 2012, 47, 4370-4382.	1.7	28
50	High Refractive Index Materials of Iron Sulfides and Poly(ethylene oxide). Journal of Materials Research, 1997, 12, 2198-2206.	1.2	27
51	Polystannanes: processible molecular metals with defined chemical structures. Chemical Society Reviews, 2016, 45, 5187-5199.	18.7	27
52	Adsorption of triphenylamine, triphenylphosphine, triphenylarsine, triphenylstibine, and triphenylbismuthine on gold and copper. Langmuir, 1992, 8, 90-94.	1.6	26
53	H ⁺ /Li ⁺ and H ⁺ /K ⁺ Exchange on Delaminated Muscovite Mica. Journal of Colloid and Interface Science, 1998, 198, 157-163.	5.0	26
54	Ultrathin layers of low- and high-molecular-weight imides on gold and copper. Langmuir, 1993, 9, 3245-3254.	1.6	25

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55	Graft Polymerization of Styrene on Mica: Formation and Behavior of Molecular Droplets and Thin Films. <i>Langmuir</i> , 1999, 15, 6940-6945.	1.6	25
56	Method for fabricating pixelated, multicolor polarizing films. <i>Applied Optics</i> , 2000, 39, 4847.	2.1	25
57	Large-scale synthesis of defined cobalt nanoparticles and magnetic metal-polymer composites. <i>Nanoscale</i> , 2009, 1, 374.	2.8	25
58	From Beads-on-a-String to Colloidal Aggregation: Novel Crystallization Phenomena in the PEO-SDS System. <i>Langmuir</i> , 1999, 15, 3381-3385.	1.6	24
59	Polynuclear Iron(II)-Aminotriazole Spin-crossover Complexes (Polymers) In Solution. <i>Inorganic Chemistry</i> , 2014, 53, 3546-3557.	1.9	24
60	Charge Mobility in the Room-Temperature Liquid-Crystalline Semiconductor Poly(di-n-butylstannane). <i>Advanced Materials</i> , 2006, 18, 44-47.	11.1	23
61	Initial organotin chemistry. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 20-24.	0.8	23
62	Electroless plating of platinum nanoparticles onto mesoporous cellulose films for catalytically active free-standing materials. <i>Cellulose</i> , 2019, 26, 5513-5527.	2.4	22
63	Reaction of Long-Chain Iodoalkanes with Gold Surfaces. <i>Journal of Colloid and Interface Science</i> , 1998, 202, 167-172.	5.0	21
64	Self-Assembled Monolayers of Alkylammonium Ions on Mica: Direct Determination of the Orientation of the Alkyl Chains. <i>Journal of Colloid and Interface Science</i> , 1999, 216, 418-423.	5.0	21
65	Light-Stability of Poly(dialkylstannane)s. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 210-221.	1.7	21
66	Towards a Reproducible Synthesis of High Aspect Ratio Gold Nanorods. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-13.	1.5	21
67	Modification of SiO ₂ Surfaces by Reaction with Acetals, Ketals, Orthoesters, and Orthocarbonates. <i>Journal of Colloid and Interface Science</i> , 1997, 191, 209-215.	5.0	20
68	A new compound derived from Magnus' green salt: solid state structure and evidence for platinum chains in solution. <i>Journal of Materials Chemistry</i> , 2001, 11, 2593-2596.	6.7	20
69	Polymer Nanocomposites Containing Superstructures of Self-Organized Platinum Colloids. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7399-7404.	1.2	20
70	Two Alternative, Convenient Routes to Bis(diphenylacetylene)platinum(0). <i>Organometallics</i> , 2002, 21, 3817-3818.	1.1	20
71	Novel Phthalocyanine Polymers for Applications in Optical Devices. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1990, 183, 387-402.	0.3	19
72	Synthesis, crystal structures and properties of quasi-one-dimensional platinum compounds. <i>Inorganica Chimica Acta</i> , 2001, 322, 23-31.	1.2	19

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73	Synthesis of π -Conjugated Organometallic Polymer Networks. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 40-45.	1.1	19
74	Superhydrophobicity of nanofibrillated cellulose materials through polysiloxane nanofilaments. <i>Cellulose</i> , 2018, 25, 1127-1146.	2.4	18
75	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper Investigated by Soft X-ray Spectroscopy. <i>Langmuir</i> , 1996, 12, 719-725.	1.6	17
76	Poly(di(π -alkylphenyl)stannane)s. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 166-175.	1.9	17
77	Room temperature dielectric bistability in solution-processed spin crossover polymer thin films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6240-6248.	2.7	17
78	Ion Exchange of Cation-Terminated Poly(ethylene oxide) Chains on Mica Surfaces. <i>Journal of Colloid and Interface Science</i> , 1997, 189, 283-287.	5.0	16
79	Homoconjugation in Light-Emitting Poly(phenylene methylene)s: Origin and Pressure-Enhanced Photoluminescence. <i>Macromolecules</i> , 2020, 53, 7519-7527.	2.2	16
80	Activated Poly(hydromethylsiloxane)s as Novel Adhesion Promoters for Metallic Surfaces. <i>Journal of Adhesion</i> , 2000, 72, 51-63.	1.8	15
81	Gels, xerogels and films of polynuclear iron(II)-aminotriazole spin-crossover polymeric complexes. <i>RSC Advances</i> , 2014, 4, 60842-60852.	1.7	15
82	From near hard spheres to colloidal surfboards. <i>Faraday Discussions</i> , 2016, 191, 325-349.	1.6	15
83	Synthesis and fractionation of poly(phenylene methylene). <i>Journal of Polymer Science Part A</i> , 2018, 56, 309-318.	2.5	15
84	Strongly attached ultrathin polymer layers on metal surfaces obtained by activation of Si-H bonds. <i>Applied Surface Science</i> , 1999, 143, 256-264.	3.1	14
85	Oriented Poly(dialkylstannane)s. <i>Advanced Functional Materials</i> , 2008, 18, 2301-2308.	7.8	14
86	The Ins and Outs of ^{14}C Dating Lead White Paint for Artworks Application. <i>Analytical Chemistry</i> , 2020, 92, 7674-7682.	3.2	14
87	Adsorption of polymers with crown ether substituents on muscovite mica. <i>Colloid and Polymer Science</i> , 1994, 272, 986-990.	1.0	13
88	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper. <i>Langmuir</i> , 1994, 10, 1164-1170.	1.6	13
89	Melt Elongation of Polymer Nanocomposites: A Method for the Controlled Production of Dichroic Films. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 471-478.	1.7	13
90	Nanofibrillated Cellulose Templated Membranes with High Permeance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33943-33954.	4.0	13

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91	Self-Assembled Layers of an Aromatic Poly(ketone) and Poly(benzil) on Gold and Copper. <i>Langmuir</i> , 1995, 11, 3013-3017.	1.6	12
92	Reversible Photochromic Properties of TiO ₂ /Polymer Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 459-463.	0.9	12
93	From poly(dialkylstannane)s to poly(diarylstannane)s: comparison of synthesis methods and resulting polymers. <i>Applied Organometallic Chemistry</i> , 2011, 25, 769-776.	1.7	12
94	Poly(Phenylene Methylene): A Multifunctional Material for Thermally Stable, Hydrophobic, Fluorescent, Corrosion-Protective Coatings. <i>Coatings</i> , 2018, 8, 274.	1.2	12
95	Morphology of a Self-Assembled Monolayer of a Polymer. <i>Macromolecules</i> , 1994, 27, 1983-1984.	2.2	11
96	Influence of the Ring Size on the Behavior of Polymeric Inclusion Compounds at Mica Surfaces. <i>Langmuir</i> , 2000, 16, 5311-5316.	1.6	11
97	Electro-Spun, Semiconducting, Oriented Fibres of Supramolecular Quasi-Linear Platinum Compounds. <i>Platinum Metals Review</i> , 2006, 50, 112-117.	1.5	11
98	Seed-mediated synthesis of gold nanorods: control of the aspect ratio by variation of the reducing agent. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	11
99	Ultrathin Layers of Substituted Poly(styrene)s on Gold and Copper. <i>Langmuir</i> , 1998, 14, 347-351.	1.6	10
100	Polymers grafted on mica by radical chain growth from the surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 154, 87-96.	2.3	10
101	Preparation and Characterization of Ultrathin Layers of Substituted Oligo- and Poly(p-phenylene)s and Mixed Layers with Octadecanethiol on Gold and Copper. <i>Langmuir</i> , 1999, 15, 6333-6342.	1.6	10
102	Orientation and Electronic Structure of Ion-Exchanged Pyridinium Compounds on Mica. <i>Journal of Colloid and Interface Science</i> , 2002, 256, 262-267.	5.0	10
103	Chain-Length Dependence of the Conformational Order in Self-Assembled Dialkylammonium Monolayers on Mica Studied with Soft X-ray Absorption. <i>Langmuir</i> , 2005, 21, 1424-1427.	1.6	10
104	Poly(dialkylstannane) and poly(diarylstannane) homo- and random copolymers synthesized in liquid ammonia. <i>RSC Advances</i> , 2011, 1, 823.	1.7	10
105	Preparation and crystal structures of novel bis(maleodintrilethiolato) platinum(III) complexes. <i>Inorganica Chimica Acta</i> , 2002, 335, 15-20.	1.2	9
106	Stability of polystannanes towards light. <i>Polymer Degradation and Stability</i> , 2011, 96, 1841-1846.	2.7	9
107	Reaction products of dichlorodiorganostannanes with sodium in liquid ammonia: In-situ investigations with ¹¹⁹ Sn NMR spectroscopy and usage as intermediates for the synthesis of tetraorganostannanes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3041-3049.	0.8	9
108	Liquid ammonia treatment of (cationic) nanofibrillated cellulose/vermiculite composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 638-648.	2.4	9

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109	Comparative Experimental and Molecular Simulation Study of the Entropic Viscoelasticity of End-Linked Polymer Networks. <i>Macromolecules</i> , 2020, 53, 5371-5380.	2.2	9
110	Direct bonding and de-bonding on demand of polystyrene and polyamide surfaces, treated with oxygen plasma. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51753.	1.3	9
111	NANOCOMPOSITES. , 2003, , 359-386.		8
112	Tuning the spin-crossover temperature of polynuclear iron(II)-triazole complexes in solution by water and preparation of thermochromic fibers. <i>Journal of Materials Science</i> , 2015, 50, 2355-2364.	1.7	8
113	Derivatization Technique To Identify Specifically Carbonyl Groups by Infrared Spectroscopy: Characterization of Photooxidative Aging Products in Terpenes and Terpeneous Resins. <i>Analytical Chemistry</i> , 2017, 89, 1742-1748.	3.2	8
114	Ultrathin Polymer Films on Gold Surfaces through Activation of Si-H Bonds. <i>Journal of Colloid and Interface Science</i> , 1999, 216, 250-256.	5.0	7
115	Oriented Nanocomposites of Ultrahigh-Molecular-Weight Polyethylene and Gold. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 353, 191-201.	0.3	7
116	Nanocomposites of Polymers and Inorganic Particles. , 0, , 49-86.		7
117	Diorganostannide Dianions (R_2Sn^{2-}) as Reaction Intermediates Revisited: <i>In Situ</i> ^{119}Sn NMR Studies in Liquid Ammonia. <i>Organometallics</i> , 2010, 29, 3862-3867.	1.1	7
118	Usage of the isotope effect for the synthesis of ultrahigh aspect ratio gold nanorods. <i>Journal of Materials Chemistry</i> , 2012, 22, 14594.	6.7	7
119	Tetrakis(4-amino-1,2,4-triazole)platinum(II) Salts: Syntheses, Crystal Structures, and Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 724-732.	0.6	7
120	Solvent dependence of the molecular order in ion-exchanged self-assembled dialkylammonium monolayers on mica studied with soft X-ray absorption. <i>Journal of Colloid and Interface Science</i> , 2005, 291, 45-52.	5.0	6
121	Polymeric Quasi-one-dimensional Platinum Compounds. <i>Macromolecular Symposia</i> , 2006, 235, 80-88.	0.4	6
122	Transparent, Anatase-Free TiO_2 Nanoparticle Dispersions. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 2422-2432.	0.9	6
123	Dichroic nanocomposites based on polymers and metallic particles: from biology to materials science. <i>Polymer International</i> , 2018, 67, 46-54.	1.6	6
124	Synthesis of High Molar Mass Poly(phenylene methylene) Catalyzed by Tungsten(II) Compounds. <i>Polymers</i> , 2018, 10, 881.	2.0	6
125	Assembly-Induced Bright-Light Emission from Solution-Processed Platinum(II) Inorganic Polymers. <i>ACS Omega</i> , 2019, 4, 10192-10204.	1.6	6
126	Oriented Pearl-Necklace Arrays of Metallic Nanoparticles in Polymers: A New Route Toward Polarization-Dependent Color Filters. <i>Advanced Materials</i> , 1999, 11, 223-227.	11.1	6

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127	Adsorption of Mononuclear, Binuclear, and Polymeric Ruthenium Complexes on Mica. <i>Journal of Colloid and Interface Science</i> , 1997, 189, 305-311.	5.0	5
128	Structural analysis of newly designed platinum compounds with interesting conductivity and optical properties. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 405-412.	1.3	5
129	Nanocomposites Polarizing by Absorption: Dichroism in the Near-Infrared Region (NIR). <i>Materials</i> , 2014, 7, 1899-1911.	1.3	5
130	Processing of the Multifunctional Polymer Poly(phenylene methylene) into Fibers, Films, Foams, and Microspheres. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800752.	1.7	5
131	Adsorption of unsaturated organic compounds from solution on copper. <i>Langmuir</i> , 1993, 9, 877-879.	1.6	4
132	Ultrahigh chiral anisotropy factors in quasi-one-dimensional platinum compounds. <i>Inorganica Chimica Acta</i> , 2003, 353, 320-324.	1.2	4
133	Growth and anisotropic properties of highly oriented films of quasi-one-dimensional platinum compounds. <i>Thin Solid Films</i> , 2004, 449, 34-39.	0.8	4
134	Formation mechanism of nanotubes comprising layers of PbS nanoparticles in polymer-surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2006, 302, 170-177.	5.0	4
135	Polystannanes Synthesis and Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1330-1332.	0.8	4
136	Rhythmic Crystal Growth into Hierarchical Patterns by Polymer-Mediated Self-Assembly. <i>Small</i> , 2011, 7, 788-795.	5.2	4
137	Versatile Chromism of Titanium Oxide Hydrate/Poly(vinyl alcohol) Hybrid Systems. <i>Advanced Materials</i> , 2012, 24, 3015-3019.	11.1	4
138	Polymers with Exceptional Photoluminescence by Homoconjugation. <i>Chimia</i> , 2017, 71, 733.	0.3	4
139	Surprising effects of polymer-surfactant solutions on inorganic crystallization processes. , 2001, , 57-62.		3
140	Trinuclear Complexes of Nickel(II) and 4-Amino-1,2,4-triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2344-2349.	0.6	3
141	Effect of Fibrillated Cellulose on Lime Pastes and Mortars. <i>Materials</i> , 2022, 15, 459.	1.3	3
142	Removal of OH groups from silica surfaces under mild conditions. <i>Composite Interfaces</i> , 1993, 1, 429-437.	1.3	2
143	Structural Transitions and Thermochromism of Linear Polynuclear Cobalt(II)-4-Octadecyl-1,2,4-triazole Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 605-611.	1.9	2
144			

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145	Monte Carlo Evidence on Simple Conventional Means to Characterize the Final Extent of Reaction of Cured End-Linked Polymer Networks through the Millerâ€™Macosko Nonlinear Polymerization Theory. <i>Macromolecules</i> , 2021, 54, 1589-1598.	2.2	2
146	Electrical tree propagation along mica barriers in dependence on the resin components. , 0, , .		1
147	Synthesis and Orientation of Poly(Dialkylstannane)s. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1007, 1.	0.1	1
148	Pure and Molecularly Mixed Methyl- and Hydroxyl-Terminated Self-Assembled Dialkylammonium Monolayers on Mica: Wettability and Conformational Order. <i>Zeitschrift Fur Physikalische Chemie</i> , 2008, 222, 823-832.	1.4	1
149	Synthesis of Polystannanes in Liquid Ammonia. <i>Chimia</i> , 2011, 65, 876-876.	0.3	1
150	Composites of Copper Nanowires in Polyethylene: Preparation and Processing to Materials with NIR Dichroism. <i>ACS Omega</i> , 2019, 4, 11223-11228.	1.6	1
151	Co-Processing of [Fe(NH ₂ trz) ₃](2ns) ₂ and UHMWPE into Materials Combining Spin Crossover and High Mechanical Strength. <i>Sci</i> , 2021, 3, 7.	1.8	1
152	Optically Anisotropic Metal-Polymer Nanocomposites. , 2004, , 265-285.		0
153	Study of a fractal nanoheterojunction in thin films made of CdS and Cu ₂ S nanoparticles. <i>Nanotechnologies in Russia</i> , 2010, 5, 521-530.	0.7	0
154	Metal Surfaces: Adsorption of Molecules. , 0, , 4206-4219.		0
155	Coordination Compounds of Palladium(II) and 4â€™Aminoâ€™1,2,4â€™triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 490-497.	0.6	0