

Walter Caseri

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4868623/walter-caseri-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

153
papers

4,433
citations

35
h-index

60
g-index

159
ext. papers

4,674
ext. citations

5.9
avg, IF

5.52
L-index

#	Paper	IF	Citations
153	Nanocomposites of polymers and metals or semiconductors: Historical background and optical properties. <i>Macromolecular Rapid Communications</i> , 2000 , 21, 705-722	4.8	470
152	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	24	280
151	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	3.9	239
150	Preparation and characterization of cationic nanofibrillated cellulose from etherification and high-shear disintegration processes. <i>Cellulose</i> , 2011 , 18, 1391-1406	5.5	120
149	Size Variation of PbS Particles in High-Refractive-Index Nanocomposites. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 8992-8997		112
148	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, 1097-104	9.5	101
147	Preparation, structure and properties of uniaxially oriented polyethylene-silver nanocomposites. <i>Journal of Materials Science</i> , 1999 , 34, 3859-3866	4.3	100
146	Composites of cationic nanofibrillated cellulose and layered silicates: water vapor barrier and mechanical properties. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4832-40	9.5	95
145	INORGANIC NANOPARTICLES AS OPTICALLY EFFECTIVE ADDITIVES FOR POLYMERS. <i>Chemical Engineering Communications</i> , 2008 , 196, 549-572	2.2	94
144	Polymerization of Styrene with Initiator Ionically Bound to High Surface Area Mica: Grafting via an Unexpected Mechanism. <i>Macromolecules</i> , 1994 , 27, 1637-1642	5.5	93
143	Hydrosilylation chemistry and catalysis with cis-PtCl ₂ (PhCH=CH ₂) ₂ . <i>Organometallics</i> , 1988 , 7, 1373-1380	3.8	90
142	High refractive index films of polymer nanocomposites. <i>Journal of Materials Research</i> , 1993 , 8, 1742-1748	8.5	89
141	Composite Nanotubes Formed by Self-Assembly of PbS Nanoparticles. <i>Nano Letters</i> , 2003 , 3, 569-572	11.5	83
140	Flame-made nanoparticles for nanocomposites. <i>Nano Today</i> , 2010 , 5, 48-65	17.9	76
139	Preparation of nanocomposites of polyaniline and inorganic semiconductors. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2465-2469		70
138	Soluble phthalocyaninato-polysiloxanes: Rigid rod polymers of high molecular weight. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1988 , 9, 651-657		61
137	Polymer nanocomposites with ultralow refractive index. <i>Polymers for Advanced Technologies</i> , 1993 , 4, 1-7	3.2	56

136	Polymer sheets with a thin nanocomposite layer acting as a UV filter. <i>Polymers for Advanced Technologies</i> , 1997 , 8, 505-512	3.2	55
135	Preparation of polymer nanocomposites with ultrahigh refractive index. <i>Polymers for Advanced Technologies</i> , 1991 , 2, 75-80	3.2	55
134	Hydrosilylation with platinum complexes. Preparation, low-temperature NMR spectra, and x-ray crystal structure of the novel bis-olefin catalyst cis-PtCl ₂ (PhCH=CH) ₂ . <i>Organometallics</i> , 1987 , 6, 788-793 ^{3.8}		54
133	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	9.6	53
132	Synthesis and Characterization of Linear Poly(dialkylstannane)s. <i>Macromolecules</i> , 2007 , 40, 7878-7889	5.5	52
131	Optically anisotropic polyethylene-gold nanocomposites. <i>Applied Optics</i> , 1999 , 38, 6581-6	1.7	50
130	Facile synthesis of linear poly(dibutylstannane). <i>Journal of Materials Chemistry</i> , 2005 , 15, 1789		47
129	Versatile Method for Chemical Reactions with Self-Assembled Monolayers of Alkanethiols on Gold. <i>Langmuir</i> , 2001 , 17, 3643-3650	4	47
128	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	3	44
127	A Soluble Equivalent of the Supramolecular, Quasi-One-Dimensional, Semiconducting Magnus' Green Salt. <i>Chemistry of Materials</i> , 2002 , 14, 1730-1735	9.6	42
126	Complexation of unsaturated carbon-carbon bonds in pi-conjugated polymers with transition metals. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3857-63	16.4	40
125	Polymerization of Styrene with Peroxide Initiator Ionically Bound to High Surface Area Mica. <i>Macromolecules</i> , 1999 , 32, 3590-3597	5.5	40
124	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	9.3	38
123	Synthesis and Characterization of Surface-modified Rutile Nanoparticles And Transparent Polymer Composites Thereof. <i>Journal of Nanoparticle Research</i> , 2002 , 4, 319-323	2.3	38
122	Alkali Metals Ion Exchange on Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1999 , 209, 232-239 ³	9.3	38
121	Color Switching in Gold/Polysiloxane Elastomeric Nanocomposites. <i>Advanced Materials</i> , 2006 , 18, 1653-1656 ⁴	2.4	37
120	Characterization of Pores in Dense Nanopapers and Nanofibrillated Cellulose Membranes: A Critical Assessment of Established Methods. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25884-97	9.5	36
119	Ion Exchange on Muscovite Mica with Ultrahigh Specific Surface Area. <i>Journal of Colloid and Interface Science</i> , 1993 , 157, 318-327	9.3	35

118	Derivatives of Magnus' Green Salt. <i>Platinum Metals Review</i> , 2004 , 48, 91-100		35
117	From Colloidal Aggregates to Layered Nanosized Structures in Polymer-Surfactant Systems. 1. Basic Phenomena. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 4133-4144	3-4	34
116	Pronounced photochromism of titanium oxide hydrates (hydrous TiO ₂). <i>Journal of Materials Chemistry</i> , 2010 , 20, 1348-1356		31
115	Adsorption of Polymeric Inclusion Compounds on Muscovite Mica. <i>Macromolecules</i> , 1996 , 29, 718-723	5-5	31
114	Adsorption of alkanenitriles and alkanedinitriles on gold and copper. <i>Langmuir</i> , 1992 , 8, 2771-2777	4	29
113	Synthesis and characterization of liquid platinum compounds. <i>Inorganica Chimica Acta</i> , 2000 , 299, 199-208		28
112	Mechanistic aspects of the platinum catalysed hydrosilylation of PhC≡CH ₂ with Et ₃ SiH. <i>Journal of Organometallic Chemistry</i> , 1988 , 356, 259-269	2-3	28
111	Processing and characterization of nanofibrillated cellulose/layered silicate systems. <i>Journal of Materials Science</i> , 2012 , 47, 4370-4382	4-3	27
110	Electroless plating of ultrathin films and mirrors of platinum nanoparticles onto polymers, metals, and ceramics. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 639-43	9-5	27
109	One-pot synthesis of polymer/inorganic hybrids: toward readily accessible, low-loss, and highly tunable refractive index materials and patterns. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 65-74	2-6	26
108	Polystannanes: synthesis, properties, and outlook. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 448-460		25
107	Color switching in nanocomposites comprising inorganic nanoparticles dispersed in a polymer matrix. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5582		25
106	H ⁺ /Li ⁺ and H ⁺ /K ⁺ Exchange on Delaminated Muscovite Mica. <i>Journal of Colloid and Interface Science</i> , 1998 , 198, 157-163	9-3	25
105	Large-scale synthesis of defined cobalt nanoparticles and magnetic metal-polymer composites. <i>Nanoscale</i> , 2009 , 1, 374-81	7-7	24
104	From Beads-on-a-String to Colloidal Aggregation: Novel Crystallization Phenomena in the PEO/SDS System. <i>Langmuir</i> , 1999 , 15, 3381-3385	4	24
103	Graft Polymerization of Styrene on Mica: Formation and Behavior of Molecular Droplets and Thin Films. <i>Langmuir</i> , 1999 , 15, 6940-6945	4	24
102	High Refractive Index Materials of Iron Sulfides and Poly(ethylene oxide). <i>Journal of Materials Research</i> , 1997 , 12, 2198-2206	2-5	23
101	Method for fabricating pixelated, multicolor polarizing films. <i>Applied Optics</i> , 2000 , 39, 4847-51	1-7	22

100	Adsorption of triphenylamine, triphenylphosphine, triphenylarsine, triphenylstibine, and triphenylbismuthine on gold and copper. <i>Langmuir</i> , 1992 , 8, 90-94	4	22
99	Polynuclear iron(II)-aminotriazole spin-crossover complexes (polymers) in solution. <i>Inorganic Chemistry</i> , 2014 , 53, 3546-57	5.1	21
98	Light-Stability of Poly(dialkylstannane)s. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 210-221	3.9	21
97	Reaction of Long-Chain Iodoalkanes with Gold Surfaces. <i>Journal of Colloid and Interface Science</i> , 1998 , 202, 167-172	9.3	21
96	Charge Mobility in the Room-Temperature Liquid-Crystalline Semiconductor Poly(di-n-butylstannane). <i>Advanced Materials</i> , 2006 , 18, 44-47	24	21
95	Polystannanes: processible molecular metals with defined chemical structures. <i>Chemical Society Reviews</i> , 2016 , 45, 5187-99	58.5	21
94	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	9.3	20
93	Ultrathin layers of low- and high-molecular-weight imides on gold and copper. <i>Langmuir</i> , 1993 , 9, 3245-3254		20
92	Polymer Nanocomposites Containing Superstructures of Self-Organized Platinum Colloids. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 7399-7404	3.4	19
91	Towards a Reproducible Synthesis of High Aspect Ratio Gold Nanorods. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-13	3.2	18
90	Synthesis, crystal structures and properties of quasi-one-dimensional platinum compounds. <i>Inorganica Chimica Acta</i> , 2001 , 322, 23-31	2.7	18
89	Two Alternative, Convenient Routes to Bis(diphenylacetylene)platinum(0). <i>Organometallics</i> , 2002 , 21, 3817-3818	3.8	18
88	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		18
87	Homoconjugation in poly(phenylene methylene)s: A case study of non- π -conjugated polymers with unexpected fluorescent properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 707-720 ^{2.6}		17
86	Poly(di(alkylphenyl)stannane)s. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009 , 19, 166-175	3.2	17
85	Electroless plating of platinum nanoparticles onto mesoporous cellulose films for catalytically active free-standing materials. <i>Cellulose</i> , 2019 , 26, 5513-5527	5.5	16
84	Room temperature dielectric bistability in solution-processed spin crossover polymer thin films. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6240-6248	7.1	15
83	Gels, xerogels and films of polynuclear iron(II)-aminotriazole spin-crossover polymeric complexes. <i>RSC Advances</i> , 2014 , 4, 60842-60852	3.7	15

82	Ion Exchange of Cation-Terminated Poly(ethylene oxide) Chains on Mica Surfaces. <i>Journal of Colloid and Interface Science</i> , 1997 , 189, 283-287	9.3	15
81	Modification of SiO ₂ Surfaces by Reaction with Acetals, Ketals, Orthoesters, and Orthocarbonates. <i>Journal of Colloid and Interface Science</i> , 1997 , 191, 209-15	9.3	15
80	Synthesis of π -Conjugated Organometallic Polymer Networks. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 40-45	2.6	15
79	Initial organotin chemistry. <i>Journal of Organometallic Chemistry</i> , 2014 , 751, 20-24	2.3	14
78	Oriented Poly(dialkylstannane)s. <i>Advanced Functional Materials</i> , 2008 , 18, 2301-2308	15.6	14
77	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	4	14
76	Superhydrophobicity of nanofibrillated cellulose materials through polysiloxane nanofilaments. <i>Cellulose</i> , 2018 , 25, 1127-1146	5.5	13
75	From near hard spheres to colloidal surfboards. <i>Faraday Discussions</i> , 2016 , 191, 325-349	3.6	13
74	Activated Poly(hydromethylsiloxane)s as Novel Adhesion Promoters for Metallic Surfaces 2000 , 72, 51-63		13
73	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper. <i>Langmuir</i> , 1994 , 10, 1164-1170	4	13
72	Reversible photochromic properties of TiO ₂ -polymer nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 459-63	1.3	12
71	Strongly attached ultrathin polymer layers on metal surfaces obtained by activation of Si-H bonds. <i>Applied Surface Science</i> , 1999 , 143, 256-264	6.7	12
70	Self-Assembled Layers of an Aromatic Poly(ketone) and Poly(benzil) on Gold and Copper. <i>Langmuir</i> , 1995 , 11, 3013-3017	4	12
69	From poly(dialkylstannane)s to poly(diarylstannane)s: comparison of synthesis methods and resulting polymers. <i>Applied Organometallic Chemistry</i> , 2011 , 25, 769-776	3.1	11
68	Melt Elongation of Polymer Nanocomposites: A Method for the Controlled Production of Dichroic Films. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 471-478	3.9	11
67	Electro-Spun, Semiconducting, Oriented Fibres of Supramolecular Quasi-Linear Platinum Compounds. <i>Platinum Metals Review</i> , 2006 , 50, 112-117		11
66	Influence of the Ring Size on the Behavior of Polymeric Inclusion Compounds at Mica Surfaces. <i>Langmuir</i> , 2000 , 16, 5311-5316	4	11
65	Adsorption of polymers with crown ether substituents on muscovite mica. <i>Colloid and Polymer Science</i> , 1994 , 272, 986-990	2.4	11

64	Nanofibrillated Cellulose Templated Membranes with High Permeance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33943-33954	9.5	10
63	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, 1424-7	4	10
62	Orientation and Electronic Structure of Ion-Exchanged Pyridinium Compounds on Mica. <i>Journal of Colloid and Interface Science</i> , 2002 , 256, 262-267	9.3	10
61	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	4	10
60	Morphology of a Self-Assembled Monolayer of a Polymer. <i>Macromolecules</i> , 1994 , 27, 1983-1984	5.5	10
59	Synthesis and fractionation of poly(phenylene methylene). <i>Journal of Polymer Science Part A</i> , 2018 , 56, 309-318	2.5	10
58	Stability of polystannanes towards light. <i>Polymer Degradation and Stability</i> , 2011 , 96, 1841-1846	4.7	9
57	Poly(dialkylstannane) and poly(diarylstannane) homo- and random copolymers synthesized in liquid ammonia. <i>RSC Advances</i> , 2011 , 1, 823	3.7	9
56	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	2.3	9
55	Ultrathin Layers of Substituted Poly(styrene)s on Gold and Copper. <i>Langmuir</i> , 1998 , 14, 347-351	4	9
54	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	5.1	9
53	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	4.3	8
52	Preparation and crystal structures of novel bis(maleodinitriledithiolato) platinum(III) complexes. <i>Inorganica Chimica Acta</i> , 2002 , 335, 15-20	2.7	8
51	Novel Phthalocyanine Polymers for Applications in Optical Devices. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1990 , 183, 387-402		8
50	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	2.3	7
49	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	1.3	7
48	Usage of the isotope effect for the synthesis of ultrahigh aspect ratio gold nanorods. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14594		7
47	Liquid ammonia treatment of (cationic) nanofibrillated cellulose/vermiculite composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013 , 51, 638-648	2.6	7

46	Diorganostannide Dianions (R ₂ Sn ²⁻) as Reaction Intermediates Revisited: In Situ ¹¹⁹ Sn NMR Studies in Liquid Ammonia. <i>Organometallics</i> , 2010 , 29, 3862-3867	3.8	7
45	Nanocomposites of Polymers and Inorganic Particles 49-86		7
44	Oriented Nanocomposites of Ultrahigh-Molecular-Weight Polyethylene and Gold. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 353, 191-201		7
43	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	7.8	6
42	The Ins and Outs of C Dating Lead White Paint for Artworks Application. <i>Analytical Chemistry</i> , 2020 , 92, 7674-7682	7.8	6
41	Comparative Experimental and Molecular Simulation Study of the Entropic Viscoelasticity of End-Linked Polymer Networks. <i>Macromolecules</i> , 2020 , 53, 5371-5380	5.5	6
40	NANOCOMPOSITES 2003 , 359-386		6
39	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	9.3	6
38	Oriented Pearl-Necklace Arrays of Metallic Nanoparticles in Polymers: A New Route Toward Polarization-Dependent Color Filters 1999 , 11, 223		6
37	Assembly-Induced Bright-Light Emission from Solution-Processed Platinum(II) Inorganic Polymers. <i>ACS Omega</i> , 2019 , 4, 10192-10204	3.9	5
36	Nanocomposites Polarizing by Absorption: Dichroism in the Near-Infrared Region (NIR). <i>Materials</i> , 2014 , 7, 1899-1911	3.5	5
35	Adsorption of Mononuclear, Binuclear, and Polymeric Ruthenium Complexes on Mica. <i>Journal of Colloid and Interface Science</i> , 1997 , 189, 305-311	9.3	5
34	Transparent, anatase-free TiO ₂ nanoparticle dispersions. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 2422-32	1.3	5
33	Structural analysis of newly designed platinum compounds with interesting conductivity and optical properties. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 405-412	3.6	5
32	Polymeric Quasi-one-dimensional Platinum Compounds. <i>Macromolecular Symposia</i> , 2006 , 235, 80-88	0.8	5
31	Ultrathin Polymer Films on Gold Surfaces through Activation of Si-H Bonds. <i>Journal of Colloid and Interface Science</i> , 1999 , 216, 250-256	9.3	5
30	Poly(Phenylene Methylene): A Multifunctional Material for Thermally Stable, Hydrophobic, Fluorescent, Corrosion-Protective Coatings. <i>Coatings</i> , 2018 , 8, 274	2.9	5
29	Processing of the Multifunctional Polymer Poly(phenylene methylene) into Fibers, Films, Foams, and Microspheres. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800752	3.9	4

28	Polymers with Exceptional Photoluminescence by Homoconjugation. <i>Chimia</i> , 2017 , 71, 733-733	1.3	4
27	Dichroic nanocomposites based on polymers and metallic particles: from biology to materials science. <i>Polymer International</i> , 2018 , 67, 46-54	3.3	4
26	Synthesis of High Molar Mass Poly(phenylene methylene) Catalyzed by Tungsten(II) Compounds. <i>Polymers</i> , 2018 , 10,	4.5	4
25	Rhythmic crystal growth into hierarchical patterns by polymer-mediated self-assembly. <i>Small</i> , 2011 , 7, 788-95	11	4
24	Polystannanes Synthesis and Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 1330-1332	1	4
23	Formation mechanism of nanotubes comprising layers of PbS nanoparticles in polymer-surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 170-7	9.3	4
22	Ultrahigh chiral anisotropy factors in quasi-one-dimensional platinum compounds. <i>Inorganica Chimica Acta</i> , 2003 , 353, 320-324	2.7	4
21	Adsorption of unsaturated organic compounds from solution on copper. <i>Langmuir</i> , 1993 , 9, 877-879	4	4
20	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	2.9	4
19	Homoconjugation in Light-Emitting Poly(phenylene methylene)s: Origin and Pressure-Enhanced Photoluminescence. <i>Macromolecules</i> , 2020 , 53, 7519-7527	5.5	4
18	Trinuclear Complexes of Nickel(II) and 4-Amino-1,2,4-triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 2344-2349	1.3	3
17	Versatile chromism of titanium oxide hydrate/poly(vinyl alcohol) hybrid systems. <i>Advanced Materials</i> , 2012 , 24, 3015-9	24	3
16	Surprising effects of polymer-surfactant solutions on inorganic crystallization processes 2001 , 57-62		3
15	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	3.2	2
14	Growth and anisotropic properties of highly oriented films of quasi-one-dimensional platinum compounds. <i>Thin Solid Films</i> , 2004 , 449, 34-39	2.2	2
13	Removal of OH groups from silica surfaces under mild conditions. <i>Composite Interfaces</i> , 1993 , 1, 429-437	2.3	2
12	Composites of Copper Nanowires in Polyethylene: Preparation and Processing to Materials with NIR Dichroism. <i>ACS Omega</i> , 2019 , 4, 11223-11228	3.9	1
11	Synthesis of polystannanes in liquid ammonia. <i>Chimia</i> , 2011 , 65, 876	1.3	1

10	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	3.1	1
9	Synthesis and Orientation of Poly(Dialkylstannane)s. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1007, 1		1
8	Monte Carlo Evidence on Simple Conventional Means to Characterize the Final Extent of Reaction of Cured End-Linked Polymer Networks through the Miller-Macosko Nonlinear Polymerization Theory. <i>Macromolecules</i> , 2021 , 54, 1589-1598	5.5	1
7	Co-Processing of [Fe(NH ₂ trz) ₃](2ns) ₂ and UHMWPE into Materials Combining (Spin Crossover and High Mechanical Strength. <i>Sci</i> , 2020 , 2, 66	0.7	0
6	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	0.7	0
5	Coordination Compounds of Palladium(II) and 4-Amino-1,2,4-triazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 490-497	1.3	
4	Metal Surfaces: Adsorption of Molecules 2015 , 4206-4219		
3	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	0.6	
2	Optically Anisotropic Metal-Polymer Nanocomposites 2004 , 265-285		
1	Other Examples of Inorganic Polymers as Functional Materials 317-335		