Walter Caseri

List of Publications by Year in Descending Order

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	Direct bonding and de-bonding on demand of polystyrene and polyamide surfaces, treated with oxygen plasma. *Journal of Applied Polymer Science*, **2022**, 139, 51753	2.9	4
152	Co-Processing of [Fe(NH2trz)3](2ns)2 and UHMWPE into Materials Combining Spin Crossover and High Mechanical Strength. *Sci*, **2021**, 3, 7	0.7	0
151	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. *Macromolecules*, **2021**, 54, 1589-1598	5.5	1
150	The Ins and Outs of C Dating Lead White Paint for Artworks Application. *Analytical Chemistry*, **2020**, 92, 7674-7682	7.8	6
149	Comparative Experimental and Molecular Simulation Study of the Entropic Viscoelasticity of End-Linked Polymer Networks. *Macromolecules*, **2020**, 53, 5371-5380	5.5	6
148	Co-Processing of [Fe(NH2trz)3](2ns)2 and UHMWPE into Materials Combining (Spin Crossover and High Mechanical Strength. *Sci*, **2020**, 2, 66	0.7	0
147	Homoconjugation in Light-Emitting Poly(phenylene methylene)s: Origin and Pressure-Enhanced Photoluminescence. *Macromolecules*, **2020**, 53, 7519-7527	5.5	4
146	Assembly-Induced Bright-Light Emission from Solution-Processed Platinum(II) Inorganic Polymers. *ACS Omega*, **2019**, 4, 10192-10204	3.9	5
145	Electroless plating of platinum nanoparticles onto mesoporous cellulose films for catalytically active free-standing materials. *Cellulose*, **2019**, 26, 5513-5527	5.5	16
144	Coordination Compounds of Palladium(II) and 4-Amino-1,2,4-triazole. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2019**, 645, 490-497	1.3	
143	Processing of the Multifunctional Polymer Poly(phenylene methylene) into Fibers, Films, Foams, and Microspheres. *Macromolecular Materials and Engineering*, **2019**, 304, 1800752	3.9	4
142	Composites of Copper Nanowires in Polyethylene: Preparation and Processing to Materials with NIR Dichroism. *ACS Omega*, **2019**, 4, 11223-11228	3.9	1
141	Superhydrophobicity of nanofibrillated cellulose materials through polysiloxane nanofilaments. *Cellulose*, **2018**, 25, 1127-1146	5.5	13
140	Dichroic nanocomposites based on polymers and metallic particles: from biology to materials science. *Polymer International*, **2018**, 67, 46-54	3.3	4
139	Synthesis of High Molar Mass Poly(phenylene methylene) Catalyzed by Tungsten(II) Compounds. *Polymers*, **2018**, 10,	4.5	4
138	Synthesis and fractionation of poly(phenylene methylene). *Journal of Polymer Science Part A*, **2018**, 56, 309-318	2.5	10
137	Poly(Phenylene Methylene): A Multifunctional Material for Thermally Stable, Hydrophobic, Fluorescent, Corrosion-Protective Coatings. *Coatings*, **2018**, 8, 274	2.9	5

136	Derivatization Technique To Identify Specifically Carbonyl Groups by Infrared Spectroscopy: Characterization of Photooxidative Aging Products in Terpenes and Terpeneous Resins. *Analytical Chemistry*, **2017**, 89, 1742-1748	7.8	6
135	Homoconjugation in poly(phenylene methylene)s: A case study of non-conjugated polymers with unexpected fluorescent properties. *Journal of Polymer Science, Part B: Polymer Physics*, **2017**, 55, 707-720	2.6	17
134	Structural Transitions and Thermochromism of Linear Polynuclear Cobalt(II)-4-Octadecyl-1,2,4-triazole Complexes. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 605-611	3.2	2
133	Polymers with Exceptional Photoluminescence by Homoconjugation. *Chimia*, **2017**, 71, 733-733	1.3	4
132	From near hard spheres to colloidal surfboards. *Faraday Discussions*, **2016**, 191, 325-349	3.6	13
131	Nanofibrillated Cellulose Templated Membranes with High Permeance. *ACS Applied Materials & Interfaces*, **2016**, 8, 33943-33954	9.5	10
130	Room temperature dielectric bistability in solution-processed spin crossover polymer thin films. *Journal of Materials Chemistry C*, **2016**, 4, 6240-6248	7.1	15
129	Polystannanes: processible molecular metals with defined chemical structures. *Chemical Society Reviews*, **2016**, 45, 5187-99	58.5	21
128	Metal Surfaces: Adsorption of Molecules **2015**, 4206-4219		
127	Trinuclear Complexes of Nickel(II) and 4-Amino-1,2,4-triazole. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2015**, 641, 2344-2349	1.3	3
126	Characterization of Pores in Dense Nanopapers and Nanofibrillated Cellulose Membranes: A Critical Assessment of Established Methods. *ACS Applied Materials & Interfaces*, **2015**, 7, 25884-97	9.5	36
125	Tuning the spin-crossover temperature of polynuclear iron(II)-triazole complexes in solution by water and preparation of thermochromic fibers. *Journal of Materials Science*, **2015**, 50, 2355-2364	4.3	8
124	Polynuclear iron(II)-aminotriazole spincrossover complexes (polymers) in solution. *Inorganic Chemistry*, **2014**, 53, 3546-57	5.1	21
123	Initial organotin chemistry. *Journal of Organometallic Chemistry*, **2014**, 751, 20-24	2.3	14
122	Gels, xerogels and films of polynuclear iron(II)-aminotriazole spin-crossover polymeric complexes. *RSC Advances*, **2014**, 4, 60842-60852	3.7	15
121	Nanocomposites Polarizing by Absorption: Dichroism in the Near-Infrared Region (NIR). *Materials*, **2014**, 7, 1899-1911	3.5	5
120	Tetrakis(4-amino-1,2,4-triazole)platinum(II) Salts: Syntheses, Crystal Structures, and Properties. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 724-732	1.3	7
119	Seed-mediated synthesis of gold nanorods: control of the aspect ratio by variation of the reducing agent. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	7

118	Liquid ammonia treatment of (cationic) nanofibrillated cellulose/vermiculite composites. *Journal of Polymer Science, Part B: Polymer Physics*, **2013**, 51, 638-648	2.6	7
117	Processing and characterization of nanofibrillated cellulose/layered silicate systems. *Journal of Materials Science*, **2012**, 47, 4370-4382	4.3	27
116	Composites of cationic nanofibrillated cellulose and layered silicates: water vapor barrier and mechanical properties. *ACS Applied Materials & Interfaces*, **2012**, 4, 4832-40	9.5	95
115	Usage of the isotope effect for the synthesis of ultrahigh aspect ratio gold nanorods. *Journal of Materials Chemistry*, **2012**, 22, 14594		7
114	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	2.6	26
113	Polystannanes: synthesis, properties, and outlook. *Macromolecular Rapid Communications*, **2012**, 33, 448-60	4.8	25
112	Versatile chromism of titanium oxide hydrate/poly(vinyl alcohol) hybrid systems. *Advanced Materials*, **2012**, 24, 3015-9	24	3
111	Stability of polystannanes towards light. *Polymer Degradation and Stability*, **2011**, 96, 1841-1846	4.7	9
110	Preparation and characterization of cationic nanofibrillated cellulose from etherification and high-shear disintegration processes. *Cellulose*, **2011**, 18, 1391-1406	5.5	120
109	Rhythmic crystal growth into hierarchical patterns by polymer-mediated self-assembly. *Small*, **2011**, 7, 788-95	11	4
108	From poly(dialkylstannane)s to poly(diarylstannane)s: comparison of synthesis methods and resulting polymers. *Applied Organometallic Chemistry*, **2011**, 25, 769-776	3.1	11
107	Poly(dialkylstannane) and poly(diarylstannane) homo- and random copolymers synthesized in liquid ammonia. *RSC Advances*, **2011**, 1, 823	3.7	9
106	Polystannanes—Synthesis and Properties. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 1330-1332	1	4
105	Reaction products of dichlorodiorganostannanes with sodium in liquid ammonia: In-situ investigations with 119Sn NMR spectroscopy and usage as intermediates for the synthesis of tetraorganostannanes. *Journal of Organometallic Chemistry*, **2011**, 696, 3041-3049	2.3	9
104	Synthesis of polystannanes in liquid ammonia. *Chimia*, **2011**, 65, 876	1.3	1
103	Towards a Reproducible Synthesis of High Aspect Ratio Gold Nanorods. *Journal of Nanomaterials*, **2011**, 2011, 1-13	3.2	18
102	Color switching in nanocomposites comprising inorganic nanoparticles dispersed in a polymer matrix. *Journal of Materials Chemistry*, **2010**, 20, 5582		25
101	Diorganostannide Dianions (R2Sn2)as Reaction Intermediates Revisited: In Situ119Sn NMR Studies in Liquid Ammonia. *Organometallics*, **2010**, 29, 3862-3867	3.8	7

100	Pronounced photochromism of titanium oxide hydrates (hydrous TiO2). *Journal of Materials Chemistry*, **2010**, 20, 1348-1356		31
99	Electroless plating of ultrathin films and mirrors of platinum nanoparticles onto polymers, metals, and ceramics. *ACS Applied Materials & Interfaces*, **2010**, 2, 639-43	9.5	27
98	Study of a fractal nanoheterojunction in thin films made of CdS and Cu2S nanoparticles. *Nanotechnologies in Russia*, **2010**, 5, 521-530	0.6	
97	Flame-made nanoparticles for nanocomposites. *Nano Today*, **2010**, 5, 48-65	17.9	76
96	Light-Stability of Poly(dialkylstannane)s. *Macromolecular Materials and Engineering*, **2010**, 295, 210-221	3.9	21
95	Poly(di(□alkylphenyl)stannane)s. *Journal of Inorganic and Organometallic Polymers and Materials*, **2009**, 19, 166-175	3.2	17
94	Nonaqueous TiO2 nanoparticle synthesis: a versatile basis for the fabrication of self-supporting, transparent, and UV-absorbing composite films. *ACS Applied Materials & Interfaces*, **2009**, 1, 1097-104	9.5	101
93	Large-scale synthesis of defined cobalt nanoparticles and magnetic metal-polymer composites. *Nanoscale*, **2009**, 1, 374-81	7.7	24
92	INORGANIC NANOPARTICLES AS OPTICALLY EFFECTIVE ADDITIVES FOR POLYMERS. *Chemical Engineering Communications*, **2008**, 196, 549-572	2.2	94
91	Pure and Molecularly Mixed Methyl- and Hydroxyl-Terminated Self-Assembled Dialkylammonium Monolayers on Mica: Wettability and Conformational Order. *Zeitschrift Fur Physikalische Chemie*, **2008**, 222, 823-832	3.1	1
90	Melt Elongation of Polymer Nanocomposites: A Method for the Controlled Production of Dichroic Films. *Macromolecular Materials and Engineering*, **2008**, 293, 471-478	3.9	11
89	Oriented Poly(dialkylstannane)s. *Advanced Functional Materials*, **2008**, 18, 2301-2308	15.6	14
88	Synthesis and Characterization of Linear Poly(dialkylstannane)s. *Macromolecules*, **2007**, 40, 7878-7889	5.5	52
87	Synthesis and Orientation of Poly(Dialkylstannane)s. *Materials Research Society Symposia Proceedings*, **2007**, 1007, 1		1
86	Transparent, anatase-free TiO2 nanoparticle dispersions. *Journal of Nanoscience and Nanotechnology*, **2007**, 7, 2422-32	1.3	5
85	Charge Mobility in the Room-Temperature Liquid-Crystalline Semiconductor Poly(di-n-butylstannane). *Advanced Materials*, **2006**, 18, 44-47	24	21
84	Color Switching in Gold□Polysiloxane Elastomeric Nanocomposites. *Advanced Materials*, **2006**, 18, 1653-1656	24	37
83	Reversible photochromic properties of TiO2-polymer nanocomposites. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 459-63	1.3	12

82	Electro-Spun, Semiconducting, Oriented Fibres of Supramolecular Quasi-Linear Platinum Compounds. *Platinum Metals Review*, **2006**, 50, 112-117		11
81	Polymeric Quasi-one-dimensional Platinum Compounds. *Macromolecular Symposia*, **2006**, 235, 80-88	0.8	5
80	Formation mechanism of nanotubes comprising layers of PbS nanoparticles in polymer-surfactant solutions. *Journal of Colloid and Interface Science*, **2006**, 302, 170-7	9.3	4
79	Structural analysis of newly designed platinum compounds with interesting conductivity and optical properties. *Physical Chemistry Chemical Physics*, **2005**, 7, 405-412	3.6	5
78	Facile synthesis of linear poly(dibutylstannane). *Journal of Materials Chemistry*, **2005**, 15, 1789		47
77	Chain-length dependence of the conformational order in self-assembled dialkylammonium monolayers on mica studied with soft X-ray absorption. *Langmuir*, **2005**, 21, 1424-7	4	10
76	Solvent dependence of the molecular order in ion-exchanged self-assembled dialkylammonium monolayers on mica studied with soft X-ray absorption. *Journal of Colloid and Interface Science*, **2005**, 291, 45-52	9.3	6
75	Optically Anisotropic Metal-Polymer Nanocomposites **2004**, 265-285		
74	Growth and anisotropic properties of highly oriented films of quasi-one-dimensional platinum compounds. *Thin Solid Films*, **2004**, 449, 34-39	2.2	2
73	Derivatives of Magnus' Green Salt. *Platinum Metals Review*, **2004**, 48, 91-100		35
72	NANOCOMPOSITES **2003**, 359-386		6
71	Synthesis of π-Conjugated Organometallic Polymer Networks. *Macromolecular Chemistry and Physics*, **2003**, 204, 40-45	2.6	15
70	Polymer-TiO2 Nanocomposites: A Route Towards Visually Transparent Broadband UV Filters and High Refractive Index Materials. *Macromolecular Materials and Engineering*, **2003**, 288, 44-49	3.9	239
69	Ultrahigh chiral anisotropy factors in quasi-one-dimensional platinum compounds. *Inorganica Chimica Acta*, **2003**, 353, 320-324	2.7	4
68	Composite Nanotubes Formed by Self-Assembly of PbS Nanoparticles. *Nano Letters*, **2003**, 3, 569-572	11.5	83
67	Preparation and crystal structures of novel bis(maleodintriledithiolato) platinum(III) complexes. *Inorganica Chimica Acta*, **2002**, 335, 15-20	2.7	8
66	Synthesis and Characterization of Surface-modified Rutile Nanoparticles And Transparent Polymer Composites Thereof. *Journal of Nanoparticle Research*, **2002**, 4, 319-323	2.3	38
65	Orientation and Electronic Structure of Ion-Exchanged Pyridinium Compounds on Mica. *Journal of Colloid and Interface Science*, **2002**, 256, 262-267	9.3	10

64	A Soluble Equivalent of the Supramolecular, Quasi-One-Dimensional, Semiconducting Magnus' Green Salt. *Chemistry of Materials*, **2002**, 14, 1730-1735	9.6	42
63	Two Alternative, Convenient Routes to Bis(diphenylacetylene)platinum(0). *Organometallics*, **2002**, 21, 3817-3818	3.8	18
62	Synthesis, crystal structures and properties of quasi-one-dimensional platinum compounds. *Inorganica Chimica Acta*, **2001**, 322, 23-31	2.7	18
61	Surprising effects of polymer-surfactant solutions on inorganic crystallization processes **2001**, 57-62		3
60	Preparation of nanocomposites of polyaniline and inorganic semiconductors. *Journal of Materials Chemistry*, **2001**, 11, 2465-2469		70
59	A new compound derived from Magnus' green salt: solid state structure and evidence for platinum chains in solution. *Journal of Materials Chemistry*, **2001**, 11, 2593-2596		18
58	Polymer Nanocomposites Containing Superstructures of Self-Organized Platinum Colloids. *Journal of Physical Chemistry B*, **2001**, 105, 7399-7404	3.4	19
57	Versatile Method for Chemical Reactions with Self-Assembled Monolayers of Alkanethiols on Gold. *Langmuir*, **2001**, 17, 3643-3650	4	47
56	Complexation of unsaturated carbon-carbon bonds in pi-conjugated polymers with transition metals. *Journal of the American Chemical Society*, **2001**, 123, 3857-63	16.4	40
55	From Colloidal Aggregates to Layered Nanosized Structures in Polymer−Surfactant Systems. 1. Basic Phenomena. *Journal of Physical Chemistry B*, **2001**, 105, 4133-4144	3.4	34
54	Nanocomposites of polymers and metals or semiconductors: Historical background and optical properties. *Macromolecular Rapid Communications*, **2000**, 21, 705-722	4.8	470
53	Synthesis and characterization of liquid platinum compounds. *Inorganica Chimica Acta*, **2000**, 299, 199-208	2.7	28
52	Oriented Nanocomposites of Ultrahigh-Molecular-Weight Polyethylene and Gold. *Molecular Crystals and Liquid Crystals*, **2000**, 353, 191-201		7
51	Method for fabricating pixelated, multicolor polarizing films. *Applied Optics*, **2000**, 39, 4847-51	1.7	22
50	Influence of the Ring Size on the Behavior of Polymeric Inclusion Compounds at Mica Surfaces. *Langmuir*, **2000**, 16, 5311-5316	4	11
49	Activated Poly(hydromethylsiloxane)s as Novel Adhesion Promoters for Metallic Surfaces **2000**, 72, 51-63		13
48	Polymers grafted on mica by radical chain growth from the surface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1999**, 154, 87-96	5.1	9
47	Strongly attached ultrathin polymer layers on metal surfaces obtained by activation of Si−H bonds. *Applied Surface Science*, **1999**, 143, 256-264	6.7	12

46	Preparation, structure and properties of uniaxially oriented polyethylene-silver nanocomposites. *Journal of Materials Science*, **1999**, 34, 3859-3866	4.3	100
45	Alkali Metals Ion Exchange on Muscovite Mica. *Journal of Colloid and Interface Science*, **1999**, 209, 232-239	9.3	38
44	Ultrathin Polymer Films on Gold Surfaces through Activation of Si-H Bonds. *Journal of Colloid and Interface Science*, **1999**, 216, 250-256	9.3	5
43	Self-Assembled Monolayers of Alkylammonium Ions on Mica: Direct Determination of the Orientation of the Alkyl Chains. *Journal of Colloid and Interface Science*, **1999**, 216, 418-423	9.3	20
42	Oriented Pearl-Necklace Arrays of Metallic Nanoparticles in Polymers: A New Route Toward Polarization-Dependent Color Filters. *Advanced Materials*, **1999**, 11, 223-227	24	280
41	From Beads-on-a-String to Colloidal Aggregation: Novel Crystallization Phenomena in the PEO–SDS System. *Langmuir*, **1999**, 15, 3381-3385	4	24
40	Polymerization of Styrene with Peroxide Initiator Ionically Bound to High Surface Area Mica. *Macromolecules*, **1999**, 32, 3590-3597	5.5	40
39	Graft Polymerization of Styrene on Mica: Formation and Behavior of Molecular Droplets and Thin Films. *Langmuir*, **1999**, 15, 6940-6945	4	24
38	Preparation and Characterization of Ultrathin Layers of Substituted Oligo- and Poly(p-phenylene)s and Mixed Layers with Octadecanethiol on Gold and Copper. *Langmuir*, **1999**, 15, 6333-6342	4	10
37	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). *Chemistry of Materials*, **1999**, 11, 977-994	9.6	53
36	Optically anisotropic polyethylene-gold nanocomposites. *Applied Optics*, **1999**, 38, 6581-6	1.7	50
35	Oriented Pearl-Necklace Arrays of Metallic Nanoparticles in Polymers: A New Route Toward Polarization-Dependent Color Filters **1999**, 11, 223		6
34	H+/Li+and H+/K+Exchange on Delaminated Muscovite Mica. *Journal of Colloid and Interface Science*, **1998**, 198, 157-163	9.3	25
33	Orientation and Electronic Structure of Ion Exchanged Dye Molecules on Mica: An X-Ray Absorption Study. *Journal of Colloid and Interface Science*, **1998**, 198, 337-346	9.3	38
32	Reaction of Long-Chain Iodoalkanes with Gold Surfaces. *Journal of Colloid and Interface Science*, **1998**, 202, 167-172	9.3	21
31	Ultrathin Layers of Substituted Poly(styrene)s on Gold and Copper. *Langmuir*, **1998**, 14, 347-351	4	9
30	High Refractive Index Materials of Iron Sulfides and Poly(ethylene oxide). *Journal of Materials Research*, **1997**, 12, 2198-2206	2.5	23
29	Polymer sheets with a thin nanocomposite layer acting as a UV filter. *Polymers for Advanced Technologies*, **1997**, 8, 505-512	3.2	55

28	Adsorption of Mononuclear, Binuclear, and Polymeric Ruthenium Complexes on Mica. *Journal of Colloid and Interface Science*, **1997**, 189, 305-311	9.3	5
27	Ion Exchange of Cation-Terminated Poly(ethylene oxide) Chains on Mica Surfaces. *Journal of Colloid and Interface Science*, **1997**, 189, 283-287	9.3	15
26	Modification of SiO2 Surfaces by Reaction with Acetals, Ketals, Orthoesters, and Orthocarbonates. *Journal of Colloid and Interface Science*, **1997**, 191, 209-15	9.3	15
25	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper Investigated by Soft X-ray Spectroscopy. *Langmuir*, **1996**, 12, 719-725	4	14
24	Adsorption of Polymeric Inclusion Compounds on Muscovite Mica. *Macromolecules*, **1996**, 29, 718-723	5.5	31
23	Self-Assembled Layers of an Aromatic Poly(ketone) and Poly(benzil) on Gold and Copper. *Langmuir*, **1995**, 11, 3013-3017	4	12
22	Adsorption of polymers with crown ether substituents on muscovite mica. *Colloid and Polymer Science*, **1994**, 272, 986-990	2.4	11
21	Size Variation of PbS Particles in High-Refractive-Index Nanocomposites. *The Journal of Physical Chemistry*, **1994**, 98, 8992-8997		112
20	Polymerization of Styrene with Initiator Ionically Bound to High Surface Area Mica: Grafting via an Unexpected Mechanism. *Macromolecules*, **1994**, 27, 1637-1642	5.5	93
19	Self-Assembled Layers of Substituted Poly(p-phenylene)s on Gold and Copper. *Langmuir*, **1994**, 10, 1164-1170	4	13
18	Morphology of a Self-Assembled Monolayer of a Polymer. *Macromolecules*, **1994**, 27, 1983-1984	5.5	10
17	Adsorption of unsaturated organic compounds from solution on copper. *Langmuir*, **1993**, 9, 877-879	4	4
16	Ultrathin layers of low- and high-molecular-weight imides on gold and copper. *Langmuir*, **1993**, 9, 3245-3254	4	20
15	Removal of OH groups from silica surfaces under mild conditions. *Composite Interfaces*, **1993**, 1, 429-437	2.3	2
14	High refractive index films of polymer nanocomposites. *Journal of Materials Research*, **1993**, 8, 1742-1748	2.5	89
13	Ion Exchange on Muscovite Mica with Ultrahigh Specific Surface Area. *Journal of Colloid and Interface Science*, **1993**, 157, 318-327	9.3	35
12	Polymer nanocomposites with ultralow refractive index. *Polymers for Advanced Technologies*, **1993**, 4, 1-7	3.2	56
11	Adsorption of alkanenitriles and alkanedinitriles on gold and copper. *Langmuir*, **1992**, 8, 2771-2777	4	29

10	Adsorption of triphenylamine, triphenylphosphine, triphenylarsine, triphenylstibine, and triphenylbismuthine on gold and copper. *Langmuir*, **1992**, 8, 90-94	4	22
9	Preparation of polymer nanocomposites with ultrahigh refractive index. *Polymers for Advanced Technologies*, **1991**, 2, 75-80	3.2	55
8	Development of novel chemical sensor devices based on LB films from phthalocyaninato-polysiloxane polymers. *Journal Physics D: Applied Physics*, **1990**, 23, 79-84	3	44
7	Novel Phthalocyanine Polymers for Applications in Optical Devices. *Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics*, **1990**, 183, 387-402		8
6	Soluble phthalocyaninato-polysiloxanes: Rigid rod polymers of high molecular weight. *Die Makromolekulare Chemie Rapid Communications*, **1988**, 9, 651-657		61
5	Mechanistic aspects of the platinum catalysed hydrosilylation of PhC?CH2 with Et3SiH. *Journal of Organometallic Chemistry*, **1988**, 356, 259-269	2.3	28
4	Hydrosilylation chemistry and catalysis with cis-PtCl2(PhCH:CH2)2. *Organometallics*, **1988**, 7, 1373-1380	3.8	90
3	Hydrosilylation with platinum complexes. Preparation, low-temperature NMR spectra, and x-ray crystal structure of the novel bis-olefin catalyst cis-PtCl2(PhCH:CH2)2. *Organometallics*, **1987**, 6, 788-793	3.8	54
2	Nanocomposites of Polymers and Inorganic Particles49-86		7
1	Other Examples of Inorganic Polymers as Functional Materials317-335		