Gregor Trimmel

List of Publications by Year
in descending order

168 papers	5,534 citations	109321 35 h-index	98798 67 g-index
171 all docs	171 docs citations	171 times ranked	7608 citing authors

#	Article	IF	Citations
1	Wide-bandgap organic solar cells with a novel perylene-based non-fullerene acceptor enabling open-circuit voltages beyond 1.4 V. Journal of Materials Chemistry A, 2022, 10, 2888-2906.	10.3	21
2	Metal Sulfide Thin Films with Tunable Nanoporosity for Photocatalytic Applications. ACS Applied Nano Materials, 2022, 5, 1508-1520.	5.0	10
3	Honeycomb-structured copper indium sulfide thin films obtainedviaa nanosphere colloidal lithography method. Materials Advances, 2022, 3, 2884-2895.	5.4	6
4	PhenyleneâEBridged Perylene Monoimides as Acceptors for Organic Solar Cells: A Study on the Structureâ“Property Relationship. Chemistry - A European Journal, 2022, 28, .	3.3	5
5	NMRâEBased CrossâELink Densities in EPDM and EPDM/ULDPE Blend Materials and Correlation with Mechanical Properties. Macromolecular Materials and Engineering, 2022, 307, .	3.6	3
6	Silica-based fibers with axially aligned mesopores from chitin self-assembly and sol-gel chemistry. Microporous and Mesoporous Materials, 2022, 341, 112057.	4.4	0
7	Benefits of direct electron detection and PCA for EELS investigation of organic photovoltaics materials. Micron, 2021, 140, 102981.	2.2	11
8	A pyrrolopyridazinedione-based copolymer for fullerene-free organic solar cells. New Journal of Chemistry, 2021, 45, 1001-1009.	2.8	3
9	The electron beam freeform fabrication of NiTi shape memory alloys. Part I: Microstructure and physicalâ“chemical behavior. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 709-716.	1.1	2
10	Recent Progress in the Design of Fused-Ring Non-Fullerene Acceptorsâ”€Relations between Molecular Structure and Optical, Electronic, and Photovoltaic Properties. ACS Applied Energy Materials, 2021, 4, 11899-11981.	5.1	37
11	Lowering the Interfacial Resistance in Li6.4La3Zr1.4Ta0.6O12|Poly(Ethylene Oxide) Composite Electrolytes. Cell Reports Physical Science, 2020, 1, 100214.	5.6	10
12	Synthesis and characterization of zinc di(O-2,2-dimethylpentan-3-yl dithiocarbonates) bearing pyridine or tetramethylethylenediamine coligands and investigation of their thermal conversion mechanisms towards nanocrystalline zinc sulfide. Dalton Transactions, 2020, 49, 14564-14575.	3.3	6
13	Comparison of fluorene, silafluorene and carbazole as linkers in perylene monoimide based non-fullerene acceptors. Materials Advances, 2020, 1, 2095-2106.	5.4	7
14	New Solar Cellâ“Battery Hybrid Energy System: Integrating Organic Photovoltaics with Li-Ion and Na-Ion Technologies. ACS Sustainable Chemistry and Engineering, 2020, 8, 19155-19168.	6.7	14
15	Elemental Nanoanalysis of Interfacial Aluminaâ“Aryl Fluoride Interactions in FullereneâEFree Organic Tandem Solar Cells. Advanced Materials Interfaces, 2019, 6, 1901053.	3.7	8
16	Dependence of material properties and photovoltaic performance of triple cation tin perovskites on the iodide to bromide ratio. Monatshefte FÃ¼r Chemie, 2019, 150, 1921-1927.	1.8	10
17	Elucidation of Donor:Acceptor Phase Separation in Nonfullerene Organic Solar Cells and Its Implications on Device Performance and Charge Carrier Mobility. ACS Applied Energy Materials, 2019, 2, 7535-7545.	5.1	11
18	Hot injection synthesis of CuInS₂ nanocrystals using metal xanthates and their application in hybrid solar cells. New Journal of Chemistry, 2019, 43, 356-363.	2.8	15

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19	The effect of alkylthio substituents on the photovoltaic properties of conjugated polymers. Organic Electronics, 2019, 68, 50-55.	2.6	7
20	Modification of NiOx hole transport layers with 4-bromobenzylphosphonic acid and its influence on the performance of lead halide perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2019, 30, 9602-9611.	2.2	16
21	Synthesis of a tetrazineâ€“quaterthiophene copolymer and its optical, structural and photovoltaic properties. Journal of Materials Science, 2019, 54, 10065-10076.	3.7	8
22	Photovoltaic properties of a triple cation methylammonium/formamidinium/phenylethylammonium tin iodide perovskite. Journal of Materials Chemistry A, 2019, 7, 9523-9529.	10.3	31
23	Influence of Base-Catalyzed Organosolv Fractionation of Larch Wood Sawdust on Fraction Yields and Lignin Properties. Catalysts, 2019, 9, 996.	3.5	5
24	A Benzobis(thiazole)-Based Copolymer for Highly Efficient Non-Fullerene Polymer Solar Cells. Chemistry of Materials, 2019, 31, 919-926.	6.7	28
25	Influence of the Iodide to Bromide Ratio on Crystallographic and Optoelectronic Properties of Rubidium Antimony Halide Perovskites. ACS Applied Energy Materials, 2019, 2, 539-547.	5.1	28
26	Multi-layered nanoscale cellulose/CuInS2 sandwich type thin films. Carbohydrate Polymers, 2019, 203, 219-227.	10.2	12
27	The effect of polymer molecular weight on the performance of PTB7-Th:O-IDTBR non-fullerene organic solar cells. Journal of Materials Chemistry A, 2018, 6, 9506-9516.	10.3	76
28	Enhanced Performance of Germanium Halide Perovskite Solar Cells through Compositional Engineering. ACS Applied Energy Materials, 2018, 1, 343-347.	5.1	200
29	Investigation of NiOx-hole transport layers in triple cation perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2018, 29, 1847-1855.	2.2	25
30	A Zero-Dimensional Mixed-Anion Hybrid Halogenobismuthate(III) Semiconductor: Structural, Optical, and Photovoltaic Properties. Inorganic Chemistry, 2018, 57, 10576-10586.	4.0	26
31	Reverse Hexosome Dispersions in Alkanesâ€”The Challenge of Inverting Structures. Langmuir, 2018, 34, 8379-8387.	3.5	6
32	On the formation of Bi 2 S 3 -cellulose nanocomposite films from bismuth xanthates and trimethylsilyl-cellulose. Carbohydrate Polymers, 2017, 164, 294-300.	10.2	13
33	Progress on lead-free metal halide perovskites for photovoltaic applications: a review. Monatshefte FÃ¼r Chemie, 2017, 148, 795-826.	1.8	431
34	Biobased Cellulosicâ€“CuInS₂ Nanocomposites for Optoelectronic Applications. ACS Sustainable Chemistry and Engineering, 2017, 5, 3115-3122.	6.7	24
35	Comparison of the solution and vacuum-processed quinacridones in homojunction photovoltaics. Monatshefte FÃ¼r Chemie, 2017, 148, 863-870.	1.8	10
36	Comparison of chemical bath-deposited ZnO films doped with Al, Ga and In. Journal of Materials Science, 2017, 52, 9410-9423.	3.7	35

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37	Highly transparent and conductive indium-doped zinc oxide films deposited at low substrate temperature by spray pyrolysis from water-based solutions. Journal of Materials Science, 2017, 52, 8591-8602.	3.7	57
38	Nickel sulfide thin films and nanocrystals synthesized from nickel xanthate precursors. Journal of Materials Science, 2017, 52, 10898-10914.	3.7	41
39	Solution-based emerging hybrid solar cells. Monatshefte FÃ¼r Chemie, 2017, 148, 793-794.	1.8	0
40	Synthesis and characterization of naphthalimide-functionalized polynorbornenes. Monatshefte FÃ¼r Chemie, 2017, 148, 121-129.	1.8	7
41	Dye functionalized-ROMP based terpolymers for the use as a light up-converting material via tripletâ€“triplet annihilation. Journal of Materials Chemistry C, 2017, 5, 7535-7545.	5.5	11
42	A comparison of copper indium sulfide-polymer nanocomposite solar cells in inverted and regular device architecture. Synthetic Metals, 2016, 222, 115-123.	3.9	13
43	Mixed side-chain geometries for aggregation control of poly(fluorene-alt-bithiophene) and their effects on photophysics and charge transport. Synthetic Metals, 2016, 220, 162-173.	3.9	8
44	Exploring thiol-yne based monomers as low cytotoxic building blocks for radical photopolymerization. Journal of Polymer Science Part A, 2016, 54, 3484-3494.	2.3	12
45	Room temperature synthesis of CuInS₂ nanocrystals. RSC Advances, 2016, 6, 106120-106129.	3.6	30
46	Adsorption Studies of Organophosphonic Acids on Differently Activated Gold Surfaces. Langmuir, 2016, 32, 1550-1559.	3.5	12
47	Olefin metathesis meets rubber chemistry and technology. Monatshefte FÃ¼r Chemie, 2015, 146, 1081-1097.	1.8	39
48	Dye-functionalized polymers via ring opening metathesis polymerization: principal routes and applications. Monatshefte FÃ¼r Chemie, 2015, 146, 1063-1080.	1.8	20
49	Olefin metathesis and related chemistry. Monatshefte FÃ¼r Chemie, 2015, 146, 1031-1032.	1.8	1
50	RUBBERâ€“BRASS ADHESION LAYER ANALYSIS USING THE OLEFIN-METATHESIS METHOD. Rubber Chemistry and Technology, 2015, 88, 219-233.	1.2	9
51	Polymer/Nanocrystal Hybrid Solar Cells: Influence of Molecular Precursor Design on Film Nanomorphology, Charge Generation and Device Performance. Advanced Functional Materials, 2015, 25, 409-420.	14.9	44
52	Investigation on the formation of copper zinc tin sulphide nanoparticles from metal salts and dodecanethiol. Materials Chemistry and Physics, 2015, 149-150, 94-98.	4.0	6
53	Flexible polymer/copper indium sulfide hybrid solar cells and modules based on the metal xanthate route and low temperature annealing. Solar Energy Materials and Solar Cells, 2014, 124, 117-125.	6.2	35
54	Photo-induced crosslinking and thermal de-crosslinking in polynorbornenes bearing pendant anthracene groups. European Polymer Journal, 2014, 52, 98-104.	5.4	30

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55	A combined approach to predict spatial temperature evolution and its consequences during FIB processing of soft matter. Physical Chemistry Chemical Physics, 2014, 16, 6153.	2.8	20
56	Chemical degradation and morphological instabilities during focused ion beam prototyping of polymers. Physical Chemistry Chemical Physics, 2014, 16, 1658-1666.	2.8	24
57	Influence of TiO x and Ti cathode interlayers on the performance and stability of hybrid solar cells. Solar Energy Materials and Solar Cells, 2014, 130, 217-224.	6.2	5
58	Worldwide outdoor round robin study of organic photovoltaic devices and modules. Solar Energy Materials and Solar Cells, 2014, 130, 281-290.	6.2	23
59	In situ syntheses of semiconducting nanoparticles in conjugated polymer matrices and their application in photovoltaics.. Hybrid Materials, 2014, 1, .	0.7	4
60	Real time X-ray scattering study of the formation of ZnS nanoparticles using synchrotron radiation. Materials Chemistry and Physics, 2014, 144, 310-317.	4.0	6
61	Nanoimprinted Comb Structures in a Low Bandgap Polymer: Thermal Processing and Their Application in Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 7633-7642.	8.0	9
62	Ex situ and in situ characterization of patterned photoreactive thin organic surface layers using friction force microscopy. Scanning, 2014, 36, 590-598.	1.5	4
63	Influence of geometry variations on the response of organic electrochemical transistors. Applied Physics Letters, 2013, 103, .	3.3	35
64	Bismuth sulphideâ€“polymer nanocomposites from a highly soluble bismuth xanthate precursor. Journal of Materials Chemistry C, 2013, 1, 7825.	5.5	52
65	Exploring polymer/nanoparticle hybrid solar cells in tandem architecture. RSC Advances, 2013, 3, 18643.	3.6	17
66	Influence of the bridging atom in fluorene analogue lowâ€bandgap polymers on photophysical and morphological properties of copper indium sulfide/polymer nanocomposite solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1400-1410.	2.1	12
67	Bi-axially aligned crystallites of a fluoreneâ€“bithiophene co-polymer. European Polymer Journal, 2013, 49, 177-183.	5.4	8
68	Solution-processed copper zinc tin sulfide thin films from metal xanthate precursors. Monatshefte FÃ¼r Chemie, 2013, 144, 273-283.	1.8	27
69	Solution-processed small molecule/copper indium sulfide hybrid solar cells. Solar Energy Materials and Solar Cells, 2013, 114, 38-42.	6.2	26
70	Tuning Organic Electronics via Photoreactive Thin Organic Films. Springer Series in Materials Science, 2013, , 141-167.	0.6	0
71	Wavelength selective refractive index modulation in a ROMP derived polymer bearing phenyl- and ortho-nitrobenzyl ester groups. Journal of Materials Chemistry C, 2013, 1, 3931.	5.5	29
72	Influence of morphology and polymer:nanoparticle ratio on device performance of hybrid solar cellsâ€”an approach in experiment and simulation. Nanotechnology, 2013, 24, 484005.	2.6	27

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73	Comparing photovoltaic parameters of conventional cathodes with a novel silver nanoparticle/aluminum cathode in polymer based solar cells. , 2013, , .		0
74	INVESTIGATION OF THE INFLUENCE OF STEARIC ACID ON RUBBERâ€“BRASS ADHESION. Rubber Chemistry and Technology, 2012, 85, 264-276.	1.2	6
75	UV-induced modulation of the conductivity of polyaniline: towards a photo-patternable charge injection layer for structured organic light emitting diodes. Journal of Materials Chemistry, 2012, 22, 2922-2928.	6.7	29
76	New possibilities for soft matter applications: eliminating technically induced thermal stress during FIB processing. RSC Advances, 2012, 2, 6932.	3.6	15
77	Comprehensive Investigation of Silver Nanoparticle/Aluminum Electrodes for Copper Indium Sulfide/Polymer Hybrid Solar Cells. Journal of Physical Chemistry C, 2012, 116, 19191-19196.	3.1	17
78	Investigation of CuInS₂ Thin Film Formation by a Low-Temperature Chemical Deposition Method. ACS Applied Materials & Interfaces, 2012, 4, 382-390.	8.0	18
79	Copper zinc tin sulfide layers prepared from solution processable metal dithiocarbamate precursors. Materials Chemistry and Physics, 2012, 136, 582-588.	4.0	17
80	Reversible photochromism of polynorbornenes bearing spiropyran side groups. Monatshefte FÃ¼r Chemie, 2012, 143, 1551-1558.	1.8	15
81	Mesoporous ZnS Thin Films Prepared by a Nanocasting Route. Chemistry of Materials, 2012, 24, 1837-1845.	6.7	43
82	Mechanism of surface proton transfer doping in pentacene based organic thinâ€film transistors. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 181-192.	1.8	14
83	Photo-Fries-based photosensitive polymeric interlayers for patterned organic devices. Applied Physics A: Materials Science and Processing, 2012, 107, 985-993.	2.3	9
84	Structural characterisation of alkyl amine-capped zinc sulphide nanoparticles. Journal of Colloid and Interface Science, 2012, 369, 154-159.	9.4	16
85	Synthesis and characterization of copper zinc tin chalcogenide nanoparticles: Influence of reactants on the chemical composition. Solar Energy Materials and Solar Cells, 2012, 101, 87-94.	6.2	61
86	Patterned Immobilization of a Luminescent Ru(II) Complex in Polymer Films Using the Photoreaction of Benzyl thiocyanate: Toward Color Emission Tuning of Electroluminescent Devices. Macromolecular Chemistry and Physics, 2012, 213, 367-373.	2.2	3
87	The stoichiometry of single nanoparticles of copper zinc tin selenide. Chemical Communications, 2011, 47, 2050-2052.	4.1	44
88	Photosensitive polymers bearing fully aromatic esters for multilayer data storage devices. Journal of Materials Chemistry, 2011, 21, 2965.	6.7	16
89	Self-assembled red luminescent micelles and lamellar films. Journal of Materials Chemistry, 2011, 21, 15183.	6.7	7
90	Investigation of the Formation of CuInS₂Nanoparticles by the Oleylamine Route: Comparison of Microwave-Assisted and Conventional Syntheses. Inorganic Chemistry, 2011, 50, 193-200.	4.0	84

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91	Dynamics of water confined in self-assembled monoglycerideâ€“waterâ€“oil phases. Soft Matter, 2011, 7, 1409-1417.	2.7	20
92	Reductive biotransformation of nitroalkenes via nitroso-intermediates to oxazetes catalyzed by xenobiotic reductase A (XenA). Organic and Biomolecular Chemistry, 2011, 9, 3364.	2.8	37
93	Synthesis and characterization of alternating fluoreneâ€“thiophene copolymers bearing ethylene glycol side-chains. Monatshefte FÃ¼r Chemie, 2011, 142, 193-200.	1.8	2
94	An inter-laboratory stability study of roll-to-roll coated flexible polymer solar modules. Solar Energy Materials and Solar Cells, 2011, 95, 1398-1416.	6.2	132
95	Consensus stability testing protocols for organic photovoltaic materials and devices. Solar Energy Materials and Solar Cells, 2011, 95, 1253-1267.	6.2	812
96	Electron Beamâ€Induced Current (EBIC) in solutionâ€processed solar cells. Scanning, 2011, 33, 1-6.	1.5	42
97	A Direct Route Towards Polymer/Copper Indium Sulfide Nanocomposite Solar Cells. Advanced Energy Materials, 2011, 1, 1046-1050.	19.5	102
98	Influence of transport-related material parameters on the Iâ€“V characteristic of inorganicâ€“organic hybrid solar cells. Organic Electronics, 2011, 12, 1434-1445.	2.6	8
99	Crystallographic structure and morphology of bithiophene-fluorene polymer nanocrystals. Polymer, 2011, 52, 3368-3373.	3.8	10
100	CuInS2â€“Poly(3-(ethyl-4-butanoate)thiophene) nanocomposite solar cells: Preparation by an in situ formation route, performance and stability issues. Solar Energy Materials and Solar Cells, 2011, 95, 1354-1361.	6.2	45
101	Metal sulfideâ€“polymer nanocomposite thin films prepared by a direct formation route for photovoltaic applications. Thin Solid Films, 2011, 519, 4201-4206.	1.8	24
102	Perspectives in 1H, 14N and 81Br solid-state NMR studies of interfaces in materials textured by self-assembled amphiphiles. Comptes Rendus Chimie, 2010, 13, 431-442.	0.5	16
103	Photoreactive molecular layers containing aryl ester units: Preparation, UV patterning and post-exposure modification. Materials Chemistry and Physics, 2010, 119, 287-293.	4.0	12
104	Tuning the Threshold Voltage in Organic Thinâ€Film Transistors by Local Channel Doping Using Photoreactive Interfacial Layers. Advanced Materials, 2010, 22, 5361-5365.	21.0	44
105	Impact of energy alignment and morphology on the efficiency in inorganicâ€“organic hybrid solar cells. Organic Electronics, 2010, 11, 1999-2011.	2.6	20
106	A novel concept for humidity compensated sub-ppm ammonia detection. Sensors and Actuators B: Chemical, 2010, 145, 181-184.	7.8	21
107	UVâ€induced refractive index modulation of photoreactive polymers bearing Nâ€acylcarbazole groups. Journal of Polymer Science Part A, 2010, 48, 3507-3514.	2.3	5
108	Solar Cells based on Cu2ZnSnS4 Thin Films Prepared from Metal Salts and Thioacetamide. Materials Research Society Symposia Proceedings, 2010, 1247, 1.	0.1	0

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109	Photochemical control of the carrier mobility in pentacene-based organic thin-film transistors. Applied Physics Letters, 2010, 96, 213303.	3.3	17
110	Polymer - CuInS<inf>2</inf> hybrid solar cells obtained by an in-situ formation route. , 2010, , .		2
111	Investigation of Cu₂ZnSnS₄ Formation from Metal Salts and Thioacetamide. Chemistry of Materials, 2010, 22, 3399-3406.	6.7	109
112	Hierarchy of adhesion forces in patterns of photoreactive surface layers. Journal of Chemical Physics, 2009, 130, 044703.	3.0	6
113	Continuous tuning of the threshold voltage of organic thin-film transistors by a chemically reactive interfacial layer. Applied Physics A: Materials Science and Processing, 2009, 95, 43-48.	2.3	14
114	pH and ionic strength responsive polyelectrolyte block copolymer micelles prepared by ring opening metathesis polymerization. Journal of Polymer Science Part A, 2009, 47, 1178-1191.	2.3	45
115	Modification of para-sexiphenyl layer growth by UV induced polarity changes of polymeric substrates. Organic Electronics, 2009, 10, 326-332.	2.6	14
116	UV-Induced Modulation of the Refractive Index and the Surface Properties of Photoreactive Polymers BearingN-Phenylamide Groups. Macromolecules, 2009, 42, 725-731.	4.8	30
117	Characterization of 11-MUA SAM formation on gold surfaces. Springer Proceedings in Physics, 2009, , 101-105.	0.2	3
118	A Study on the Formation and Thermal Stability of 11-MUA SAMs on Au(111)/Mica and on Polycrystalline Gold Foils. Langmuir, 2009, 25, 1427-1433.	3.5	39
119	Refractive index modulation in polymers bearing photoreactive phenyl and naphthyl ester units using different UV wavelengths. Journal of Materials Chemistry, 2009, 19, 4557.	6.7	33
120	Photoreactive self assembled monolayers for tuning the surface polarity. Springer Proceedings in Physics, 2009, , 113-117.	0.2	0
121	Para-Sexiphenyl Layers Grown On Light Sensitive Polymer Substrates. Springer Proceedings in Physics, 2009, , 23-27.	0.2	0
122	Photoâ€Fries Rearrangement in Polymeric Media: An Investigation on Fully Aromatic Esters Containing the Naphthyl Chromophore. Macromolecular Chemistry and Physics, 2008, 209, 488-498.	2.2	23
123	Chemical Control of Local Doping in Organic Thinâ€Film Transistors: From Depletion to Enhancement. Advanced Materials, 2008, 20, 3143-3148.	21.0	62
124	Poly(norbornene)s as matrix materials for platinum tetrakis(pentafluorophenyl)porphyrin based optical oxygen sensors. European Polymer Journal, 2008, 44, 2558-2566.	5.4	19
125	Heteroleptic platinum(ii) complexes of 8-quinolinolates bearing electron withdrawing groups in 5-position. Dalton Transactions, 2008, , 4006.	3.3	44
126	Synthesis of a Photosensitive Thiocyanate-Functionalized Trialkoxysilane and Its Application in Patterned Surface Modifications. Chemistry of Materials, 2008, 20, 2009-2015.	6.7	15

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127	Micrometer and Nanometer Scale Patterning Using the Photo-Fries Rearrangement: Toward Selective Execution of Molecular Transformations with Nanoscale Spatial Resolution. Langmuir, 2008, 24, 12420-12425.	3.5	21
128	Investigation of Primary Crystallite Sizes in Nanocrystalline ZnS Powders: Comparison of Microwave Assisted with Conventional Synthesis Routes. Inorganic Chemistry, 2008, 47, 3014-3022.	4.0	25
129	Copper Nanoparticles in Silica. , 2008, , 135-141.		1
130	Photolithographic Patterning of Polymer Surfaces Using the Photo-Fries Rearrangement:Â Selective Postexposure Reactions. Chemistry of Materials, 2007, 19, 3011-3017.	6.7	28
131	Microphase Separation Study of Amphiphilic ROMP Block Copolymers by SAXS and TEM. Macromolecules, 2007, 40, 4592-4600.	4.8	15
132	Characterizing Chemically Reactive Thin Layers:â€‰ Surface Reaction of [2-[4-(Chlorosulfonyl)phenyl]ethyl]trichlorosilane with Ammonia. Journal of Physical Chemistry C, 2007, 111, 12407-12413.	3.1	10
133	Heteroleptic Î²2(N,C2)-2-phenylpyridine platinum complexes: The use of bis(pyrazolyl)borates as ancillary ligands. Inorganica Chimica Acta, 2007, 360, 2767-2777.	2.4	47
134	UV reactive polymers for refractive index modulation based on the photo-Fries rearrangement. Polymer, 2007, 48, 1930-1939.	3.8	58
135	Xanthene dye functionalized norbornenes for the use in ring opening metathesis polymerization. Journal of Polymer Science Part A, 2007, 45, 1336-1348.	2.3	29
136	Photoreactive Polynorbornene Bearing 4-(Diphenylamino)benzoate Groups: Synthesis and Application in Electroluminescent Devices. Monatshefte FÃ¼r Chemie, 2007, 138, 269-276.	1.8	10
137	Hybrid solar cells based on CuInS2 and MEH-PPV. , 2006, , .		7
138	Precise Tuning of Micelle, Core, and Shell Size by the Composition of Amphiphilic Block Copolymers Derived from ROMP Investigated by DLS and SAXS. Macromolecules, 2006, 39, 5865-5874.	4.8	66
139	Organoboron Quinolinolates with Extended Conjugated Chromophores:â€‰ Synthesis, Structure, and Electronic and Electroluminescent Properties. Chemistry of Materials, 2006, 18, 3539-3547.	6.7	72
140	Photosensitive polynorbornene containing the benzyl thiocyanate groupâ€”Synthesis and patterning. Journal of Molecular Catalysis A, 2006, 254, 174-179.	4.8	8
141	Ring opening metathesis polymerisation initiated by RuCl2(3-bromopyridine)2(H2IMes)(CHPh). Journal of Molecular Catalysis A, 2006, 257, 53-58.	4.8	26
142	Investigation of new polymers with regard to the application in hybrid solar cells. , 2006, , .		0
143	Structure and properties of new liquid crystalline cubaneâ€1,4â€dicarboxylic acid derivatives. Liquid Crystals, 2005, 32, 197-205.	2.2	7
144	Solâ€“gel synthesis of Zn-thiourea-SiO2 thin films from (EtO)3Si(CH2)3NHC(S)NHPh as molecular precursor. Solid State Sciences, 2004, 6, 1287-1294.	3.2	5

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145	Investigation of thiourea-silanes as viable precursors for the solâ€“gel synthesis of composites containing Znâ€“S complexes. Applied Surface Science, 2004, 226, 144-148.	6.1	8
146	Ester type banana-shaped liquid crystalline monomers: synthesis and physical properties. Journal of Materials Chemistry, 2004, 14, 2499-2506.	6.7	61
147	Systematic Structural Characterization of the High-Temperature Behavior of Nearly Stoichiometric Silicon Oxycarbide Glasses. Chemistry of Materials, 2004, 16, 2585-2598.	6.7	171
148	Block Copolymers via ROMP - Awakening the Sleeping Beauty. Macromolecular Symposia, 2004, 217, 231-246.	0.7	26
149	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 279-283.	2.4	67
150	Hybrid Inorganicâ^'Organic Coreâ^'Shell Nanoparticles from Surface-Functionalized Titanium, Zirconium, and Vanadium Oxo Clusters. Chemistry of Materials, 2002, 14, 4382-4389.	6.7	103
151	Sol-gel processing of alkoxysilyl-substituted nickel complexes for the preparation of highly dispersed nickel in silicaElectronic supplementary information (ESI) available: Tables S1â€“S5 giving additional analytical data as described in the text and the exact quantities for the syntheses. See http://www.rsc.org/suppdata/nj/b1/b110612k/. New Journal of Chemistry, 2002, 26, 759-765.	2.8	22
152	Inorganic-organic hybrid materialsÂfrom poly(methylmethacrylate) Âcrosslinked by an organically modified Âoxozirconium cluster. Synthesis and Âcharacterization. Polymers for Advanced Technologies, 2002, 13, 254-259.	3.2	24
153	EXAFS Investigations on Nanocomposites Composed of Surface-Modified Zirconium and Zirconium/Titanium Mixed Metal Oxo Clusters and Organic Polymers. Monatshefte FÃ¼r Chemie, 2002, 133, 919-929.	1.8	12
154	EXAFS Investigations on Nanocomposites Composed of Surface-Modified Zirconium and Zirconium/Titanium Mixed Metal Oxo Clusters and Organic Polymers. , 2002, , 183-193.		1
155	Solâ€“gel processing of tethered metal complexes: influence of the metal and the complexing alkoxysilane on the texture of the obtained silica gels. Journal of Non-Crystalline Solids, 2001, 296, 188-200.	3.1	23
156	Cross-linking of poly(methyl methacrylate) by oxozirconate and oxotitanate clusters. Macromolecular Symposia, 2001, 175, 357-366.	0.7	24
157	A New Type of Methacrylate-Substituted Oxozirconium Clusters: [Zr3O(O R)5(O Mc)5]2 and [Zr3O(O) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	23
158	Swelling behavior and thermal stability of poly(methylmethacrylate) crosslinked by the oxozirconium cluster Zr4O2(methacrylate)12. Applied Organometallic Chemistry, 2001, 15, 401-406.	3.5	89
159	Incorporation of Chromium Carbenes in a Silica Matrix by Sol-Gel Processing: Application to Aminolysis of Alkoxycarbene Complexes. Chemistry - A European Journal, 2000, 6, 3006-3017.	3.3	15
160	Structure investigation of intelligent aerogels. Physica B: Condensed Matter, 2000, 276-278, 392-393.	2.7	9
161	Inorganic-Organic Hybrid Polymers from Surface-Modified Oxometallate Clusters. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	13
162	Cross-Linking of Poly(methyl methacrylate) by the Methacrylate-Substituted Oxozirconium Cluster Zr6(OH)4O4(Methacrylate)12. Chemistry of Materials, 2000, 12, 602-604.	6.7	61

#	Article	IF	Citations
163	Labile Complexes of the [RuTp(pn)]+(Tp = Tripyrazolylborate, pn = Ph2PCH2CH2NMe2) Fragment Including the Dinitrogen Ligand1. Inorganic Chemistry, 1997, 36, 1076-1083.	4.0	52
164	Ruthenium Tris(pyrazolyl)borate Complexes. 1. Synthesis and Reactivity of Ru(HB(pz)3)(COD)X (X = Cl,) Tj ETQq0 0 0 rgBT /Overlock 10 3998-4004.	2.3	137
165	Control of the Dispersion of Metal Oxide Phases in Silica Gels via Organically Modified Alkoxysilanes. , 0, , 700-704.		0
166	Liquid Crystalline Polymers by Metathesis Polymerization. Advances in Polymer Science, 0, , 43-87.	0.8	52
167	RUBBERâ€“BRASS ADHESION LAYER ANALYSIS USING THE OLEFIN-METATHESIS METHOD. Rubber Chemistry and Technology, 0, , 150109074635009.	1.2	1
168	Control of the Dispersion of Metal Oxide Phases in Silica Gels via Organically Modified Alkoxysilanes. , 0, , 700-704.		0