

Gregor Trimmel

List of Publications by Year in descending order

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168
papers

5,534
citations

109321

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98798

67
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171
all docs

171
docs citations

171
times ranked

7608
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus stability testing protocols for organic photovoltaic materials and devices. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1253-1267.	6.2	812
2	Progress on lead-free metal halide perovskites for photovoltaic applications: a review. <i>Monatshefte für Chemie</i> , 2017, 148, 795-826.	1.8	431
3	Enhanced Performance of Germanium Halide Perovskite Solar Cells through Compositional Engineering. <i>ACS Applied Energy Materials</i> , 2018, 1, 343-347.	5.1	200
4	Systematic Structural Characterization of the High-Temperature Behavior of Nearly Stoichiometric Silicon Oxycarbide Glasses. <i>Chemistry of Materials</i> , 2004, 16, 2585-2598.	6.7	171
5	Ruthenium Tris(pyrazolyl)borate Complexes. 1. Synthesis and Reactivity of Ru(HB(pz) ₃)(COD)X (X = Cl, Tj ETQq1 1 0.784314 rgBT /Ov 3998-4004.	2.3	137
6	An inter-laboratory stability study of roll-to-roll coated flexible polymer solar modules. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1398-1416.	6.2	132
7	Investigation of Cu ₂ ZnSnS ₄ Formation from Metal Salts and Thioacetamide. <i>Chemistry of Materials</i> , 2010, 22, 3399-3406.	6.7	109
8	Hybrid Inorganic-Organic Core-Shell Nanoparticles from Surface-Functionalized Titanium, Zirconium, and Vanadium Oxo Clusters. <i>Chemistry of Materials</i> , 2002, 14, 4382-4389.	6.7	103
9	A Direct Route Towards Polymer/Copper Indium Sulfide Nanocomposite Solar Cells. <i>Advanced Energy Materials</i> , 2011, 1, 1046-1050.	19.5	102
10	Swelling behavior and thermal stability of poly(methylmethacrylate) crosslinked by the oxozirconium cluster Zr ₄ O ₂ (methacrylate) ₁₂ . <i>Applied Organometallic Chemistry</i> , 2001, 15, 401-406.	3.5	89
11	Investigation of the Formation of CuInS ₂ Nanoparticles by the Oleylamine Route: Comparison of Microwave-Assisted and Conventional Syntheses. <i>Inorganic Chemistry</i> , 2011, 50, 193-200.	4.0	84
12	The effect of polymer molecular weight on the performance of PTB7-Th:O-IDTBR non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9506-9516.	10.3	76
13	Organoboron Quinolinolates with Extended Conjugated Chromophores: Synthesis, Structure, and Electronic and Electroluminescent Properties. <i>Chemistry of Materials</i> , 2006, 18, 3539-3547.	6.7	72
14	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 279-283.	2.4	67
15	Precise Tuning of Micelle, Core, and Shell Size by the Composition of Amphiphilic Block Copolymers Derived from ROMP Investigated by DLS and SAXS. <i>Macromolecules</i> , 2006, 39, 5865-5874.	4.8	66
16	Chemical Control of Local Doping in Organic Thin-Film Transistors: From Depletion to Enhancement. <i>Advanced Materials</i> , 2008, 20, 3143-3148.	21.0	62
17	Cross-Linking of Poly(methyl methacrylate) by the Methacrylate-Substituted Oxozirconium Cluster Zr ₆ (OH) ₄ O ₄ (Methacrylate) ₁₂ . <i>Chemistry of Materials</i> , 2000, 12, 602-604.	6.7	61
18	Ester type banana-shaped liquid crystalline monomers: synthesis and physical properties. <i>Journal of Materials Chemistry</i> , 2004, 14, 2499-2506.	6.7	61

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19	Synthesis and characterization of copper zinc tin chalcogenide nanoparticles: Influence of reactants on the chemical composition. <i>Solar Energy Materials and Solar Cells</i> , 2012, 101, 87-94.	6.2	61
20	UV reactive polymers for refractive index modulation based on the photo-Fries rearrangement. <i>Polymer</i> , 2007, 48, 1930-1939.	3.8	58
21	Highly transparent and conductive indium-doped zinc oxide films deposited at low substrate temperature by spray pyrolysis from water-based solutions. <i>Journal of Materials Science</i> , 2017, 52, 8591-8602.	3.7	57
22	Labile Complexes of the [RuTp(pn)]+(Tp = Tripyrazolylborate, pn = Ph ₂ PCH ₂ CH ₂ NMe ₂) Fragment Including the Dinitrogen Ligand 1. <i>Inorganic Chemistry</i> , 1997, 36, 1076-1083.	4.0	52
23	Liquid Crystalline Polymers by Metathesis Polymerization. <i>Advances in Polymer Science</i> , 0, , 43-87.	0.8	52
24	Bismuth sulphide-polymer nanocomposites from a highly soluble bismuth xanthate precursor. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7825.	5.5	52
25	Heteroleptic η^2 (N,C) ₂ -2-phenylpyridine platinum complexes: The use of bis(pyrazolyl)borates as ancillary ligands. <i>Inorganica Chimica Acta</i> , 2007, 360, 2767-2777.	2.4	47
26	pH and ionic strength responsive polyelectrolyte block copolymer micelles prepared by ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1178-1191.	2.3	45
27	CuInS ₂ -Poly(3-(ethyl-4-butanoate)thiophene) nanocomposite solar cells: Preparation by an in situ formation route, performance and stability issues. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1354-1361.	6.2	45
28	Heteroleptic platinum(ii) complexes of 8-quinolinolates bearing electron withdrawing groups in 5-position. <i>Dalton Transactions</i> , 2008, , 4006.	3.3	44
29	Tuning the Threshold Voltage in Organic Thin-Film Transistors by Local Channel Doping Using Photoreactive Interfacial Layers. <i>Advanced Materials</i> , 2010, 22, 5361-5365.	21.0	44
30	The stoichiometry of single nanoparticles of copper zinc tin selenide. <i>Chemical Communications</i> , 2011, 47, 2050-2052.	4.1	44
31	Polymer/Nanocrystal Hybrid Solar Cells: Influence of Molecular Precursor Design on Film Nanomorphology, Charge Generation and Device Performance. <i>Advanced Functional Materials</i> , 2015, 25, 409-420.	14.9	44
32	Mesoporous ZnS Thin Films Prepared by a Nanocasting Route. <i>Chemistry of Materials</i> , 2012, 24, 1837-1845.	6.7	43
33	Electron Beam-Induced Current (EBIC) in solution-processed solar cells. <i>Scanning</i> , 2011, 33, 1-6.	1.5	42
34	Nickel sulfide thin films and nanocrystals synthesized from nickel xanthate precursors. <i>Journal of Materials Science</i> , 2017, 52, 10898-10914.	3.7	41
35	A Study on the Formation and Thermal Stability of 11-MUA SAMs on Au(111)/Mica and on Polycrystalline Gold Foils. <i>Langmuir</i> , 2009, 25, 1427-1433.	3.5	39
36	Olefin metathesis meets rubber chemistry and technology. <i>Monatshefte für Chemie</i> , 2015, 146, 1081-1097.	1.8	39

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37	Reductive biotransformation of nitroalkenes via nitroso-intermediates to oxazetes catalyzed by xenobiotic reductase A (XenA). <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3364.	2.8	37
38	Recent Progress in the Design of Fused-Ring Non-Fullerene Acceptorsâ”€Relations between Molecular Structure and Optical, Electronic, and Photovoltaic Properties. <i>ACS Applied Energy Materials</i> , 2021, 4, 11899-11981.	5.1	37
39	Influence of geometry variations on the response of organic electrochemical transistors. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	35
40	Flexible polymer/copper indium sulfide hybrid solar cells and modules based on the metal xanthate route and low temperature annealing. <i>Solar Energy Materials and Solar Cells</i> , 2014, 124, 117-125.	6.2	35
41	Comparison of chemical bath-deposited ZnO films doped with Al, Ga and In. <i>Journal of Materials Science</i> , 2017, 52, 9410-9423.	3.7	35
42	Refractive index modulation in polymers bearing photoreactive phenyl and naphthyl ester units using different UV wavelengths. <i>Journal of Materials Chemistry</i> , 2009, 19, 4557.	6.7	33
43	Photovoltaic properties of a triple cation methylammonium/formamidinium/phenylethylammonium tin iodide perovskite. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9523-9529.	10.3	31
44	UV-Induced Modulation of the Refractive Index and the Surface Properties of Photoreactive Polymers Bearing<i>N</i>-Phenylamide Groups. <i>Macromolecules</i> , 2009, 42, 725-731.	4.8	30
45	Photo-induced crosslinking and thermal de-crosslinking in polynorbornenes bearing pendant anthracene groups. <i>European Polymer Journal</i> , 2014, 52, 98-104.	5.4	30
46	Room temperature synthesis of CuInS₂ nanocrystals. <i>RSC Advances</i> , 2016, 6, 106120-106129.	3.6	30
47	Xanthene dye functionalized norbornenes for the use in ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1336-1348.	2.3	29
48	UV-induced modulation of the conductivity of polyaniline: towards a photo-patternable charge injection layer for structured organic light emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 2922-2928.	6.7	29
49	Wavelength selective refractive index modulation in a ROMP derived polymer bearing phenyl- and ortho-nitrobenzyl ester groups. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3931.	5.5	29
50	Photolithographic Patterning of Polymer Surfaces Using the Photo-Fries Rearrangement:Â Selective Postexposure Reactions. <i>Chemistry of Materials</i> , 2007, 19, 3011-3017.	6.7	28
51	A Benzobis(thiazole)-Based Copolymer for Highly Efficient Non-Fullerene Polymer Solar Cells. <i>Chemistry of Materials</i> , 2019, 31, 919-926.	6.7	28
52	Influence of the Iodide to Bromide Ratio on Crystallographic and Optoelectronic Properties of Rubidium Antimony Halide Perovskites. <i>ACS Applied Energy Materials</i> , 2019, 2, 539-547.	5.1	28
53	Solution-processed copper zinc tin sulfide thin films from metal xanthate precursors. <i>Monatshefte FÃ¼r Chemie</i> , 2013, 144, 273-283.	1.8	27
54	Influence of morphology and polymer:nanoparticle ratio on device performance of hybrid solar cellsâ”€an approach in experiment and simulation. <i>Nanotechnology</i> , 2013, 24, 484005.	2.6	27

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55	Block Copolymers via ROMP - Awakening the Sleeping Beauty. <i>Macromolecular Symposia</i> , 2004, 217, 231-246.	0.7	26
56	Ring opening metathesis polymerisation initiated by RuCl ₂ (3-bromopyridine) ₂ (H ₂ IMes)(CHPh). <i>Journal of Molecular Catalysis A</i> , 2006, 257, 53-58.	4.8	26
57	Solution-processed small molecule/copper indium sulfide hybrid solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 114, 38-42.	6.2	26
58	A Zero-Dimensional Mixed-Anion Hybrid Halogenobismuthate(III) Semiconductor: Structural, Optical, and Photovoltaic Properties. <i>Inorganic Chemistry</i> , 2018, 57, 10576-10586.	4.0	26
59	Investigation of Primary Crystallite Sizes in Nanocrystalline ZnS Powders: Comparison of Microwave Assisted with Conventional Synthesis Routes. <i>Inorganic Chemistry</i> , 2008, 47, 3014-3022.	4.0	25
60	Investigation of NiO _x -hole transport layers in triple cation perovskite solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1847-1855.	2.2	25
61	Cross-linking of poly(methyl methacrylate) by oxozirconate and oxotitanate clusters. <i>Macromolecular Symposia</i> , 2001, 175, 357-366.	0.7	24
62	Inorganic-organic hybrid materials— from poly(methylmethacrylate) — crosslinked by an organically modified — oxozirconium cluster. Synthesis and — characterization. <i>Polymers for Advanced Technologies</i> , 2002, 13, 254-259.	3.2	24
63	Metal sulfide — polymer nanocomposite thin films prepared by a direct formation route for photovoltaic applications. <i>Thin Solid Films</i> , 2011, 519, 4201-4206.	1.8	24
64	Chemical degradation and morphological instabilities during focused ion beam prototyping of polymers. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1658-1666.	2.8	24
65	Biobased Cellulosic — CuInS ₂ Nanocomposites for Optoelectronic Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3115-3122.	6.7	24
66	Sol — gel processing of tethered metal complexes: influence of the metal and the complexing alkoxy silane on the texture of the obtained silica gels. <i>Journal of Non-Crystalline Solids</i> , 2001, 296, 188-200.	3.1	23
67	A New Type of Methacrylate-Substituted Oxozirconium Clusters: [Zr ₃ O(O R) ₅ (O Mc) ₅] ₂ and [Zr ₃ O(O Tj) ETQq ₁ 1 0,784314,rgBT / O	1.8	23
68	Photo — Fries Rearrangement in Polymeric Media: An Investigation on Fully Aromatic Esters Containing the Naphthyl Chromophore. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 488-498.	2.2	23
69	Worldwide outdoor round robin study of organic photovoltaic devices and modules. <i>Solar Energy Materials and Solar Cells</i> , 2014, 130, 281-290.	6.2	23
70	Sol-gel processing of alkoxy silyl-substituted nickel complexes for the preparation of highly dispersed nickel in silica Electronic supplementary information (ESI) available: Tables S1 — 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/ . <i>New Journal of Chemistry</i> , 2002, 26, 759-765.	2.8	22
71	Micrometer and Nanometer Scale Patterning Using the Photo-Fries Rearrangement: Toward Selective Execution of Molecular Transformations with Nanoscale Spatial Resolution. <i>Langmuir</i> , 2008, 24, 12420-12425.	3.5	21
72	A novel concept for humidity compensated sub-ppm ammonia detection. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 181-184.	7.8	21

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73	Wide-bandgap organic solar cells with a novel perylene-based non-fullerene acceptor enabling open-circuit voltages beyond 1.4 V. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2888-2906.	10.3	21
74	Impact of energy alignment and morphology on the efficiency in inorganic-organic hybrid solar cells. <i>Organic Electronics</i> , 2010, 11, 1999-2011.	2.6	20
75	Dynamics of water confined in self-assembled monoglyceride-water-oil phases. <i>Soft Matter</i> , 2011, 7, 1409-1417.	2.7	20
76	A combined approach to predict spatial temperature evolution and its consequences during FIB processing of soft matter. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6153.	2.8	20
77	Dye-functionalized polymers via ring opening metathesis polymerization: principal routes and applications. <i>Monatshefte für Chemie</i> , 2015, 146, 1063-1080.	1.8	20
78	Poly(norbornene)s as matrix materials for platinum tetrakis(pentafluorophenyl)porphyrin based optical oxygen sensors. <i>European Polymer Journal</i> , 2008, 44, 2558-2566.	5.4	19
79	Investigation of CuInS ₂ Thin Film Formation by a Low-Temperature Chemical Deposition Method. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 382-390.	8.0	18
80	Photochemical control of the carrier mobility in pentacene-based organic thin-film transistors. <i>Applied Physics Letters</i> , 2010, 96, 213303.	3.3	17
81	Comprehensive Investigation of Silver Nanoparticle/Aluminum Electrodes for Copper Indium Sulfide/Polymer Hybrid Solar Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19191-19196.	3.1	17
82	Copper zinc tin sulfide layers prepared from solution processable metal dithiocarbamate precursors. <i>Materials Chemistry and Physics</i> , 2012, 136, 582-588.	4.0	17
83	Exploring polymer/nanoparticle hybrid solar cells in tandem architecture. <i>RSC Advances</i> , 2013, 3, 18643.	3.6	17
84	Perspectives in ¹ H, ¹⁴ N and ⁸¹ Br solid-state NMR studies of interfaces in materials textured by self-assembled amphiphiles. <i>Comptes Rendus Chimie</i> , 2010, 13, 431-442.	0.5	16
85	Photosensitive polymers bearing fully aromatic esters for multilayer data storage devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 2965.	6.7	16
86	Structural characterisation of alkyl amine-capped zinc sulphide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 154-159.	9.4	16
87	Modification of NiO _x hole transport layers with 4-bromobenzylphosphonic acid and its influence on the performance of lead halide perovskite solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9602-9611.	2.2	16
88	Incorporation of Chromium Carbenes in a Silica Matrix by Sol-Gel Processing: Application to Aminolysis of Alkoxy-carbene Complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 3006-3017.	3.3	15
89	Microphase Separation Study of Amphiphilic ROMP Block Copolymers by SAXS and TEM. <i>Macromolecules</i> , 2007, 40, 4592-4600.	4.8	15
90	Synthesis of a Photosensitive Thiocyanate-Functionalized Trialkoxysilane and Its Application in Patterned Surface Modifications. <i>Chemistry of Materials</i> , 2008, 20, 2009-2015.	6.7	15

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91	New possibilities for soft matter applications: eliminating technically induced thermal stress during FIB processing. <i>RSC Advances</i> , 2012, 2, 6932.	3.6	15
92	Reversible photochromism of polynorbornenes bearing spiropyran side groups. <i>Monatshefte für Chemie</i> , 2012, 143, 1551-1558.	1.8	15
93	Hot injection synthesis of CuInS ₂ nanocrystals using metal xanthates and their application in hybrid solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 356-363.	2.8	15
94	Continuous tuning of the threshold voltage of organic thin-film transistors by a chemically reactive interfacial layer. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 43-48.	2.3	14
95	Modification of para-sexiphenyl layer growth by UV induced polarity changes of polymeric substrates. <i>Organic Electronics</i> , 2009, 10, 326-332.	2.6	14
96	Mechanism of surface proton transfer doping in pentacene based organic thin-film transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 181-192.	1.8	14
97	New Solar Cell-Battery Hybrid Energy System: Integrating Organic Photovoltaics with Li-Ion and Na-Ion Technologies. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 19155-19168.	6.7	14
98	Inorganic-Organic Hybrid Polymers from Surface-Modified Oxometallate Clusters. <i>Materials Research Society Symposia Proceedings</i> , 2000, 628, 1.	0.1	13
99	A comparison of copper indium sulfide-polymer nanocomposite solar cells in inverted and regular device architecture. <i>Synthetic Metals</i> , 2016, 222, 115-123.	3.9	13
100	On the formation of Bi ₂ S ₃ -cellulose nanocomposite films from bismuth xanthates and trimethylsilyl-cellulose. <i>Carbohydrate Polymers</i> , 2017, 164, 294-300.	10.2	13
101	EXAFS Investigations on Nanocomposites Composed of Surface-Modified Zirconium and Zirconium/Titanium Mixed Metal Oxo Clusters and Organic Polymers. <i>Monatshefte für Chemie</i> , 2002, 133, 919-929.	1.8	12
102	Photoreactive molecular layers containing aryl ester units: Preparation, UV patterning and post-exposure modification. <i>Materials Chemistry and Physics</i> , 2010, 119, 287-293.	4.0	12
103	Influence of the bridging atom in fluorene analogue low-bandgap polymers on photophysical and morphological properties of copper indium sulfide/polymer nanocomposite solar cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1400-1410.	2.1	12
104	Exploring thiol-yne based monomers as low cytotoxic building blocks for radical photopolymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3484-3494.	2.3	12
105	Adsorption Studies of Organophosphonic Acids on Differently Activated Gold Surfaces. <i>Langmuir</i> , 2016, 32, 1550-1559.	3.5	12
106	Multi-layered nanoscale cellulose/CuInS ₂ sandwich type thin films. <i>Carbohydrate Polymers</i> , 2019, 203, 219-227.	10.2	12
107	Dye functionalized-ROMP based terpolymers for the use as a light up-converting material via triplet-triplet annihilation. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7535-7545.	5.5	11
108	Elucidation of Donor:Acceptor Phase Separation in Nonfullerene Organic Solar Cells and Its Implications on Device Performance and Charge Carrier Mobility. <i>ACS Applied Energy Materials</i> , 2019, 2, 7535-7545.	5.1	11

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109	Benefits of direct electron detection and PCA for EELS investigation of organic photovoltaics materials. <i>Micron</i> , 2021, 140, 102981.	2.2	11
110	Characterizing Chemically Reactive Thin Layers: Surface Reaction of [2-[4-(Chlorosulfonyl)phenyl]ethyl]trichlorosilane with Ammonia. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12407-12413.	3.1	10
111	Photoreactive Polynorbornene Bearing 4-(Diphenylamino)benzoate Groups: Synthesis and Application in Electroluminescent Devices. <i>Monatshefte für Chemie</i> , 2007, 138, 269-276.	1.8	10
112	Crystallographic structure and morphology of bithiophene-fluorene polymer nanocrystals. <i>Polymer</i> , 2011, 52, 3368-3373.	3.8	10
113	Comparison of the solution and vacuum-processed quinacridones in homojunction photovoltaics. <i>Monatshefte für Chemie</i> , 2017, 148, 863-870.	1.8	10
114	Dependence of material properties and photovoltaic performance of triple cation tin perovskites on the iodide to bromide ratio. <i>Monatshefte für Chemie</i> , 2019, 150, 1921-1927.	1.8	10
115	Lowering the Interfacial Resistance in Li _{6.4} La ₃ Zr _{1.4} Ta _{0.6} O ₁₂ Poly(Ethylene Oxide) Composite Electrolytes. <i>Cell Reports Physical Science</i> , 2020, 1, 100214.	5.6	10
116	Metal Sulfide Thin Films with Tunable Nanoporosity for Photocatalytic Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 1508-1520.	5.0	10
117	Structure investigation of intelligent aerogels. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 392-393.	2.7	9
118	Photo-Fries-based photosensitive polymeric interlayers for patterned organic devices. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 107, 985-993.	2.3	9
119	Nanoimprinted Comb Structures in a Low Bandgap Polymer: Thermal Processing and Their Application in Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7633-7642.	8.0	9
120	RUBBER-BRASS ADHESION LAYER ANALYSIS USING THE OLEFIN-METATHESIS METHOD. <i>Rubber Chemistry and Technology</i> , 2015, 88, 219-233.	1.2	9
121	Investigation of thiourea-silanes as viable precursors for the sol-gel synthesis of composites containing Zn-S complexes. <i>Applied Surface Science</i> , 2004, 226, 144-148.	6.1	8
122	Photosensitive polynorbornene containing the benzyl thiocyanate group-Synthesis and patterning. <i>Journal of Molecular Catalysis A</i> , 2006, 254, 174-179.	4.8	8
123	Influence of transport-related material parameters on the I-V characteristic of inorganic-organic hybrid solar cells. <i>Organic Electronics</i> , 2011, 12, 1434-1445.	2.6	8
124	Bi-axially aligned crystallites of a fluorene-bithiophene co-polymer. <i>European Polymer Journal</i> , 2013, 49, 177-183.	5.4	8
125	Mixed side-chain geometries for aggregation control of poly(fluorene-alt-bithiophene) and their effects on photophysics and charge transport. <i>Synthetic Metals</i> , 2016, 220, 162-173.	3.9	8
126	Elemental Nanoanalysis of Interfacial Alumina-Aryl Fluoride Interactions in Fullerene-Free Organic Tandem Solar Cells. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901053.	3.7	8

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127	Synthesis of a tetrazine- <i>q</i> uaterthiophene copolymer and its optical, structural and photovoltaic properties. <i>Journal of Materials Science</i> , 2019, 54, 10065-10076.	3.7	8
128	Structure and properties of new liquid crystalline cubane- <i>1,4</i> -dicarboxylic acid derivatives. <i>Liquid Crystals</i> , 2005, 32, 197-205.	2.2	7
129	Hybrid solar cells based on CuInS ₂ and MEH-PPV. , 2006, , .		7
130	Self-assembled red luminescent micelles and lamellar films. <i>Journal of Materials Chemistry</i> , 2011, 21, 15183.	6.7	7
131	Synthesis and characterization of naphthalimide-functionalized polynorbornenes. <i>Monatshefte für Chemie</i> , 2017, 148, 121-129.	1.8	7
132	The effect of alkylthio substituents on the photovoltaic properties of conjugated polymers. <i>Organic Electronics</i> , 2019, 68, 50-55.	2.6	7
133	Comparison of fluorene, silafluorene and carbazole as linkers in perylene monoimide based non-fullerene acceptors. <i>Materials Advances</i> , 2020, 1, 2095-2106.	5.4	7
134	Hierarchy of adhesion forces in patterns of photoreactive surface layers. <i>Journal of Chemical Physics</i> , 2009, 130, 044703.	3.0	6
135	INVESTIGATION OF THE INFLUENCE OF STEARIC ACID ON RUBBER- <i>BRASS</i> ADHESION. <i>Rubber Chemistry and Technology</i> , 2012, 85, 264-276.	1.2	6
136	Real time X-ray scattering study of the formation of ZnS nanoparticles using synchrotron radiation. <i>Materials Chemistry and Physics</i> , 2014, 144, 310-317.	4.0	6
137	Investigation on the formation of copper zinc tin sulphide nanoparticles from metal salts and dodecanethiol. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 94-98.	4.0	6
138	Reverse Hexosome Dispersions in Alkanes- <i>The Challenge of Inverting Structures</i> . <i>Langmuir</i> , 2018, 34, 8379-8387.	3.5	6
139	Synthesis and characterization of zinc di(<i>o</i> -2,2-dimethylpentan-3-yl dithiocarbonates) bearing pyridine or tetramethylethylenediamine coligands and investigation of their thermal conversion mechanisms towards nanocrystalline zinc sulfide. <i>Dalton Transactions</i> , 2020, 49, 14564-14575.	3.3	6
140	Honeycomb-structured copper indium sulfide thin films obtained <i>via</i> a nanosphere colloidal lithography method. <i>Materials Advances</i> , 2022, 3, 2884-2895.	5.4	6
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