

Andrea Pucci

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7792909/publications.pdf>

Version: 2024-02-01

168
papers

5,047
citations

94269

37
h-index

118652

62
g-index

177
all docs

177
docs citations

177
times ranked

5607
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of poly(1-vinylimidazole)- <i>block</i> -poly(9-vinylcarbazole) copolymers via RAFT and their use in chemically responsive graphitic composites. Journal of Polymer Science, 2022, 60, 674-687.	2.0	2
2	Valorization of seashell waste in polypropylene composites: An accessible solution to overcome marine landfilling. European Polymer Journal, 2022, 162, 110877.	2.6	8
3	One-step functionalization of mildly and strongly reduced graphene oxide with maleimide: an experimental and theoretical investigation of the Diels-Alder [4+2] cycloaddition reaction. Physical Chemistry Chemical Physics, 2022, 24, 2491-2503.	1.3	1
4	Consensus statement: Standardized reporting of power-producing luminescent solar concentrator performance. Joule, 2022, 6, 8-15.	11.7	66
5	Red-emitting tetraphenylethylene derivative with aggregation-induced enhanced emission for luminescent solar concentrators: A combined experimental and density functional theory study. Aggregate, 2022, 3, .	5.2	14
6	Effect of Polyolefin Elastomers™ Characteristics and Natural Magnesium Hydroxide Content on the Properties of Halogen-Free Flame-Retardant Polyolefin Composites. Micro, 2022, 2, 164-182.	0.9	7
7	Y-shaped alkynylimidazoles as effective push-pull fluorescent dyes for luminescent solar concentrators (LSCs). Dyes and Pigments, 2022, 201, 110262.	2.0	8
8	Nanoporous-crystalline and amorphous films of PPO including off-on vapochromic fluorescent 7-hydroxy coumarin guests. Polymer, 2022, 249, 124833.	1.8	2
9	AIE-active materials for photovoltaics. , 2022, , 427-447.		1
10	Rapid self-healing in IR-responsive plasmonic indium tin oxide/polyketone nanocomposites. Journal of Materials Chemistry A, 2022, 10, 12957-12967.	5.2	7
11	Nitrogen Dioxide Optical Sensor Based on Redox-Active Tetrazolium/Pluronic Nanoparticles Embedded in PDMS Membranes. Chemosensors, 2022, 10, 213.	1.8	0
12	Efficient 1400-1600-nm Circularly Polarized Luminescence from a Tuned Chiral Erbium Complex. Angewandte Chemie - International Edition, 2022, 61, .	7.2	20
13	Multifunctional Porphyrin-based dyes for cations detection in solution and thermoresponsive low-cost materials. Dyes and Pigments, 2021, 185, 108897.	2.0	6
14	Mechanochromic LLDPE Films Doped with NIR Reflective Paliogen Black. Macromolecular Rapid Communications, 2021, 42, e2000426.	2.0	6
15	Thermally Switchable Electrically Conductive Thermoset rGO/PK Self-Healing Composites. Polymers, 2021, 13, 339.	2.0	13
16	Benzo[1,2-d:4,5-d']bisthiazole fluorophores for luminescent solar concentrators: synthesis, optical properties and effect of the polymer matrix on the device performances. Dyes and Pigments, 2021, 188, 109207.	2.0	17
17	Optimization of the Mechanical Properties of Polyolefin Composites Loaded with Mineral Fillers for Flame Retardant Cables. Micro, 2021, 1, 102-119.	0.9	7
18	Colourless luminescent solar concentrators based on Iridium(III)-Phosphors. Dyes and Pigments, 2021, 193, 109532.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Synthesis and Spectroscopic Characterization of Thienopyrazine-Based Fluorophores for Application in Luminescent Solar Concentrators (LSCs). <i>Molecules</i> , 2021, 26, 5428.	1.7	7
20	Combined spectroscopic and theoretical analysis of the binding of a water-soluble perylene diimide to DNA/RNA polynucleotides and G-quadruplexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119914.	2.0	4
21	Molecular Rotors with Aggregation-Induced Emission (AIE) as Fluorescent Probes for the Control of Polyurethane Synthesis. <i>Chemosensors</i> , 2021, 9, 3.	1.8	7
22	Luminescent solar concentrators with outstanding optical properties by employment of Dâ€“Aâ€“D quinoxaline fluorophores. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15608-15621.	2.7	16
23	Synthesis of new bis[1-(thiophenyl)propynones] as potential organic dyes for colorless luminescent solar concentrators (LSCs). <i>Dyes and Pigments</i> , 2020, 174, 108100.	2.0	27
24	Structure and Dynamics of Perylene Bisimide Pigments for â€œCoolâ€•Organic Coatings by Solid-State NMR: A Combined Experimental and DFT Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17971-17980.	1.5	4
25	Luminescent Solar Concentrators from Waterborne Polymer Coatings. <i>Coatings</i> , 2020, 10, 655.	1.2	8
26	pH-Responsive Polyketone/5,10,15,20-Tetrakis-(Sulfonatophenyl)Porphyrin Supramolecular Submicron Colloidal Structures. <i>Polymers</i> , 2020, 12, 2017.	2.0	3
27	High-Performance Luminescent Solar Concentrators Based on Poly(Cyclohexylmethacrylate) (PCHMA) Films. <i>Polymers</i> , 2020, 12, 2898.	2.0	14
28	Chemical and Temperature Sensors Based on Functionalized Reduced Graphene Oxide. <i>Chemosensors</i> , 2020, 8, 43.	1.8	5
29	Boosting the NIR reflective properties of perylene organic coatings with thermoplastic hollow microspheres: Optical and structural properties by a multi-technique approach. <i>Solar Energy</i> , 2020, 198, 689-695.	2.9	20
30	Photophysical properties of new p-phenylene- and benzodithiophene-based fluorophores for luminescent solar concentrators (LSCs). <i>Dyes and Pigments</i> , 2020, 178, 108368.	2.0	16
31	Electrically-Conductive Polyketone Nanocomposites Based on Reduced Graphene Oxide. <i>Polymers</i> , 2020, 12, 923.	2.0	11
32	Structural order and NIR reflective properties of perylene bisimide pigments: Experimental evidences from a combined multi-technique study. <i>Dyes and Pigments</i> , 2020, 179, 108401.	2.0	16
33	Vapochromic polyketone films based on aggregationâ€•induced enhanced emission. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1160-1164.	1.6	2
34	Design of a pH-Responsive Conductive Nanocomposite Based on MWCNTs Stabilized in Water by Amphiphilic Block Copolymers. <i>Nanomaterials</i> , 2019, 9, 1410.	1.9	8
35	Luminescent solar concentrators: boosted optical efficiency by polymer dielectric mirrors. <i>Materials Chemistry Frontiers</i> , 2019, 3, 429-436.	3.2	52
36	Synthesis of tuneable amphiphilic-modified polyketone polymers, their complexes with 5,10,15,20-tetrakis-(4-sulfonatophenyl)porphyrin, and their role in the photooxidation of 1,3,5-triphenylformazan confined in polymeric nanoparticles. <i>Polymer</i> , 2019, 167, 215-223.	1.8	11

#	ARTICLE	IF	CITATIONS
37	Versatile Multi-Functional Block Copolymers Made by Atom Transfer Radical Polymerization and Post-Synthetic Modification: Switching from Volatile Organic Compound Sensors to Polymeric Surfactants for Water Rheology Control via Hydrolysis. <i>Nanomaterials</i> , 2019, 9, 458.	1.9	10
38	Mechanochromic Fluorescent Polymers with Aggregation-Induced Emission Features. <i>Sensors</i> , 2019, 19, 4969.	2.1	48
39	Electrically Self-Healing Thermoset MWCNTs Composites Based on Diels-Alder and Hydrogen Bonds. <i>Polymers</i> , 2019, 11, 1885.	2.0	32
40	Aggregation Effects on Pigment Coatings: Pigment Red 179 as a Case Study. <i>ACS Omega</i> , 2019, 4, 20315-20323.	1.6	18
41	Luminescent Solar Concentrators Based on Renewable Polyester Matrices. <i>Chemistry - an Asian Journal</i> , 2019, 14, 877-883.	1.7	31
42	Interfacial bioconjugation on emulsion droplet for biosensors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5307-5313.	1.4	9
43	Room temperature amine sensors enabled by sidewall functionalization of single-walled carbon nanotubes. <i>RSC Advances</i> , 2018, 8, 5578-5585.	1.7	30
44	The self-assembly over nano- to submicro-length scales in water of a fluorescent julolidine-labeled amphiphilic random terpolymer. <i>Journal of Polymer Science Part A</i> , 2018, 56, 797-804.	2.5	16
45	Tris(4-ethynylphenyl)amine Fluorophores: Synthesis, Characterisation and Test of Performances in Luminescent Solar Concentrators. <i>ChemistrySelect</i> , 2018, 3, 1749-1754.	0.7	20
46	Fluorescent LDPE and PLA nanocomposites containing fluorescein-modified layered double hydroxides and their ON/OFF responsive behavior towards humidity. <i>European Polymer Journal</i> , 2018, 99, 189-201.	2.6	13
47	Luminescent solar concentrators based on PMMA films obtained from a red-emitting ATRP initiator. <i>Polymer Chemistry</i> , 2018, 9, 1168-1177.	1.9	43
48	Solar collectors based on luminescent 2,5-diarylimidazoles. <i>Dyes and Pigments</i> , 2018, 157, 334-341.	2.0	8
49	The Temperature-Responsive Nanoassemblies of Amphiphilic Random Copolymers Carrying Poly(siloxane) and Poly(oxyethylene) Pendant Chains. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800082.	1.1	12
50	Green/Yellow-Emitting Conjugated Heterocyclic Fluorophores for Luminescent Solar Concentrators. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2657-2666.	1.2	27
51	Small Molecules as Long-Wavelength Fluorophores: Push-Pull Substituted 4-Alkoxy-1,3-thiazoles. <i>Synthesis</i> , 2018, 50, 303-313.	1.2	4
52	Smart and Modern Thermoplastic Polymer Materials. <i>Polymers</i> , 2018, 10, 1211.	2.0	6
53	Electrically-Responsive Reversible Polyketone/MWCNT Network through Diels-Alder Chemistry. <i>Polymers</i> , 2018, 10, 1076.	2.0	19
54	A 4,4'-bis(2-benzoxazolyl)stilbene luminescent probe: assessment of aggregate formation through photophysics experiments and quantum-chemical calculations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26249-26258.	1.3	4

#	ARTICLE	IF	CITATIONS
55	Improving the Energy Efficiency of Direct Formate Fuel Cells with a Pd/C-CeO ₂ Anode Catalyst and Anion Exchange Ionomer in the Catalyst Layer. <i>Energies</i> , 2018, 11, 369.	1.6	36
56	Thermoreversibly Cross-Linked EPM Rubber Nanocomposites with Carbon Nanotubes. <i>Nanomaterials</i> , 2018, 8, 58.	1.9	15
57	Effect of the Polyketone Aromatic Pendent Groups on the Electrical Conductivity of the Derived MWCNTs-Based Nanocomposites. <i>Polymers</i> , 2018, 10, 618.	2.0	14
58	Julolidine-labelled fluorinated block copolymers for the development of two-layer films with highly sensitive vapochromic response. <i>Science China Chemistry</i> , 2018, 61, 947-956.	4.2	11
59	Luminescent Solar Concentrators Based on Aggregation Induced Emission. <i>Israel Journal of Chemistry</i> , 2018, 58, 837-844.	1.0	43
60	Vapochromic features of new luminogens based on julolidine-containing styrene copolymers. <i>Faraday Discussions</i> , 2017, 196, 113-129.	1.6	22
61	Autopsy after transcatheter aortic valve implantation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 331-339.	1.4	21
62	Red-emitting AIEgen for luminescent solar concentrators. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1406-1412.	3.2	63
63	Epoxy resin doped with Coumarin 6: Example of accessible luminescent collectors. <i>European Polymer Journal</i> , 2017, 89, 23-33.	2.6	19
64	Advanced functional luminogens in the solid-state: general discussion. <i>Faraday Discussions</i> , 2017, 196, 317-334.	1.6	0
65	New and efficient fluorescent and phosphorescent luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 191-218.	1.6	0
66	Biomedical applications of luminogens: general discussion. <i>Faraday Discussions</i> , 2017, 196, 403-414.	1.6	0
67	Highly selective vapochromic fluorescence of polycarbonate films Doped with an ICT-Based solvatochromic probe. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1171-1180.	2.4	5
68	Hue-based quantification of mechanochromism towards a cost-effective detection of mechanical strain in polymer systems. <i>Chemical Communications</i> , 2017, 53, 248-251.	2.2	21
69	Perylene bisimide metal complexes as new MWCNTs dispersants: Role of the metal ion in stability and temperature sensing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 32-38.	2.3	4
70	A push-pull silafluorene fluorophore for highly efficient luminescent solar concentrators. <i>RSC Advances</i> , 2017, 7, 37302-37309.	1.7	27
71	Aggregation induced emission: a land of opportunities. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1689-1690.	3.2	23
72	Effects of thermal annealing on SEBS/MWCNTs temperature-sensitive nanocomposites for the measurement of skin temperature. <i>Materials Chemistry and Physics</i> , 2017, 186, 456-461.	2.0	15

#	ARTICLE	IF	CITATIONS
73	Temperature- and pH-sensitive wearable materials for monitoring foot ulcers. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 949-954.	3.3	53
74	Fluorescent Polystyrene Films for the Detection of Volatile Organic Compounds Using the Twisted Intramolecular Charge Transfer Mechanism. <i>Molecules</i> , 2017, 22, 1306.	1.7	37
75	Vapochromic behavior of polycarbonate films doped with a luminescent molecular rotor. <i>Polymers for Advanced Technologies</i> , 2016, 27, 429-435.	1.6	10
76	Colourless p -phenylene-spaced bis-azoles for luminescent concentrators. <i>Dyes and Pigments</i> , 2016, 134, 118-128.	2.0	23
77	Fluorescent vapochromism in synthetic polymers. <i>Polymer International</i> , 2016, 65, 609-620.	1.6	23
78	Cross-linking of rubber in the presence of multi-functional cross-linking aids via thermoreversible Diels-Alder chemistry. <i>European Polymer Journal</i> , 2016, 82, 208-219.	2.6	19
79	An easy synthetic way to exfoliate and stabilize MWCNTs in a thermoplastic pyrrole-containing matrix assisted by hydrogen bonds. <i>RSC Advances</i> , 2016, 6, 85829-85837.	1.7	14
80	Intrinsic self-healing thermoset through covalent and hydrogen bonding interactions. <i>European Polymer Journal</i> , 2016, 81, 186-197.	2.6	47
81	Enhancing optical efficiency of thin-film luminescent solar concentrators by combining energy transfer and stacked design. <i>Journal of Luminescence</i> , 2016, 171, 215-220.	1.5	41
82	â€œN-alkyl diketopyrrolopyrrole-based fluorophores for luminescent solar concentrators: Effect of the alkyl chain on dye efficiencyâ€. <i>Dyes and Pigments</i> , 2016, 135, 154-162.	2.0	32
83	Cost-effective solar concentrators based on red fluorescent Zn(<i>salicylaldiminato</i>) complex. <i>RSC Advances</i> , 2016, 6, 17474-17482.	1.7	34
84	Tuning of dye optical properties by environmental effects: a QM/MM and experimental study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9724-9733.	1.3	11
85	Thermally reversible rubber-toughened thermoset networks via Dielsâ€Alder chemistry. <i>European Polymer Journal</i> , 2016, 74, 229-240.	2.6	34
86	Nanocomposites Based on Thermoplastic Polymers and Functional Nanofiller for Sensor Applications. <i>Materials</i> , 2015, 8, 3377-3427.	1.3	75
87	A fast and effective procedure for the optical efficiency determination of luminescent solar concentrators. <i>Solar Energy</i> , 2015, 119, 452-460.	2.9	29
88	Thermochromic polyethylene films doped with perylene chromophores: experimental evidence and methods for characterization of their phase behaviour. <i>Polymer Chemistry</i> , 2015, 6, 4003-4012.	1.9	22
89	MWCNT/peryene bisimide water dispersions for miniaturized temperature sensors. <i>RSC Advances</i> , 2015, 5, 65023-65029.	1.7	13
90	Toward the design of alkynylimidazole fluorophores: computational and experimental characterization of spectroscopic features in solution and in poly(methyl methacrylate). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26710-26723.	1.3	13

#	ARTICLE	IF	CITATIONS
91	Julolidine fluorescent molecular rotors as vapour sensing probes in polystyrene films. <i>Dyes and Pigments</i> , 2015, 113, 47-54.	2.0	45
92	Reversible vapochromic response of polymer films doped with a highly emissive molecular rotor. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9224-9232.	2.7	48
93	Controlling the dynamics of a bidimensional gel above and below its percolation transition. <i>Physical Review E</i> , 2014, 89, 042308.	0.8	19
94	Water-Dispersible, Ligand-Free, and Extra-Small (<10 nm) Titania Nanoparticles: Control Over Primary, Secondary, and Tertiary Agglomeration Through a Modified "Non-Aqueous" Route. <i>Advanced Functional Materials</i> , 2014, 24, 993-1003.	7.8	8
95	Zn(II)-bisthienylethynylbipyridine complex: Preparation, characterization and vapochromic behaviour in polymer films. <i>Dyes and Pigments</i> , 2014, 110, 249-255.	2.0	13
96	Statistical properties and morphology of a 2D gel network at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 912-918.	2.3	8
97	Aggregation-Induced Emission of Tetraphenylethylene in Styrene-Based Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 499-506.	1.1	59
98	Synthesis and Optical Properties of Imidazole-Based Fluorophores having High Quantum Yields. <i>ChemPlusChem</i> , 2014, 79, 366-370.	1.3	13
99	A new polystyrene-based ionomer/MWCNT nanocomposite for wearable skin temperature sensors. <i>Reactive and Functional Polymers</i> , 2014, 76, 57-62.	2.0	40
100	Understanding the aggregation of bis(benzoxazolyl)stilbene in PLA/PBS blends: a combined spectrofluorimetric, calorimetric and solid state NMR approach. <i>Polymer Chemistry</i> , 2014, 5, 828-835.	1.9	17
101	Dye-containing polymers: methods for preparation of mechanochromic materials. <i>Chemical Society Reviews</i> , 2013, 42, 857-870.	18.7	377
102	Computational Design, Synthesis, and Mechanochromic Properties of New Thiophene-Based "Conjugated Chromophores. <i>Chemistry - A European Journal</i> , 2013, 19, 1996-2004.	1.7	43
103	The unique optical behaviour of bio-related materials with organic chromophores. <i>Polymer International</i> , 2013, 62, 22-32.	1.6	13
104	Light-Responsive Polystyrene Films Doped with Tailored Heteroaromatic-Based Fluorophores. <i>ACS Macro Letters</i> , 2013, 2, 317-321.	2.3	12
105	Factors affecting the dispersion of MWCNTs in electrically conducting SEBS nanocomposites. <i>European Polymer Journal</i> , 2013, 49, 1471-1478.	2.6	39
106	Modulation of the electrochemical properties of SBS-based anionic membranes by the amine molecular structure. <i>E-Polymers</i> , 2013, 13, .	1.3	8
107	Stochastic hybrid 3D matrix: learning and adaptation of electrical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 22881.	6.7	54
108	New LDPE based anion-exchange membranes for alkaline solid polymeric electrolyte water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 14992-15002.	3.8	100

#	ARTICLE	IF	CITATIONS
109	Aggregation induced emission as a new tool for polymer traceability. AIP Conference Proceedings, 2012, , .	0.3	2
110	Polymerizable ionic liquids for the preparation of polystyrene/clay composites. Polymer International, 2012, 61, 426-433.	1.6	16
111	Alder-ene addition of maleic anhydride to polyisobutene: nuclear magnetic resonance evidence for an unconventional mechanism. Polymer International, 2012, 61, 1256-1262.	1.6	25
112	A temperature sensor based on a MWCNT/SEBS nanocomposite. Sensors and Actuators A: Physical, 2012, 178, 94-99.	2.0	101
113	Analysis of 4-dimethylaminopyridine (DMAP)-gold nanoparticles behaviour in solution and of their interaction with calf thymus DNA and living cells. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	10
114	Synthesis, characterization, DNA interaction and potential applications of gold nanoparticles functionalized with Acridine Orange fluorophores. Dalton Transactions, 2011, 40, 4190.	1.6	32
115	Langmuir-Schaefer films of a polyaniline-gold nanoparticle composite material for applications in organic memristive devices. RSC Advances, 2011, 1, 1537.	1.7	23
116	Gold nanoparticles-polyaniline composite material: Synthesis, structure and electrical properties. Synthetic Metals, 2011, 161, 1408-1413.	2.1	35
117	Guest-controlled aggregation of cavitand gold nanoparticles and N-methyl pyridinium-terminated PEG. Chemical Communications, 2011, 47, 6596.	2.2	10
118	Colour responsive smart polymers and biopolymers films through nanodispersion of organic chromophores and metal particles. Progress in Organic Coatings, 2011, 72, 21-25.	1.9	8
119	Mechanochromic polymer blends. Journal of Materials Chemistry, 2011, 21, 8282.	6.7	204
120	Polymer composites with smart optical properties. Soft Matter, 2011, 7, 3689.	1.2	161
121	New anion conducting membranes based on functionalized styrene-butadiene-styrene triblock copolymer for fuel cells applications. Journal of Polymer Science Part A, 2011, 49, 3437-3447.	2.5	53
122	Skin temperature monitoring by a wireless sensor. , 2011, , .		12
123	Association phenomena of a chiral perylene derivative in solution and in poly(ethylene) dispersion. Reactive and Functional Polymers, 2010, 70, 951-960.	2.0	18
124	H ₂ /air alkaline membrane fuel cell performance and durability, using novel ionomer and non-platinum group metal cathode catalyst. Journal of Power Sources, 2010, 195, 5875-5881.	4.0	153
125	Non-covalent interactions of cadmium sulphide and gold nanoparticles with DNA. Journal of Nanoparticle Research, 2010, 12, 2241-2253.	0.8	18
126	Synthesis of new red photoluminescent Zn(II)-salicylaldiminato complex. Inorganic Chemistry Communication, 2010, 13, 686-688.	1.8	49

#	ARTICLE	IF	CITATIONS
127	Which strategy for molecular probe design? An answer from the integration of spectroscopy and QM modeling. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8999.	1.3	3
128	Polymer Nanocomposites Containing Anisotropic Metal Nanostructures as Internal Strain Indicators. <i>Materials</i> , 2010, 3, 1461-1477.	1.3	23
129	Threshold temperature luminescent indicators from biodegradable poly(lactic acid)/poly(butylene Tj ETQq1 1 0.784314 rgBT /Overlo	6.7	38
130	New Cyclic Olefin Copolymer for the Preparation of Thermally Responsive Luminescent Films. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 728-735.	1.1	20
131	Thermal and Sun Promoted Generation of Silver Nanoparticles Embedded into Poly(vinyl alcohol) Films. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 256-264.	1.7	25
132	Temperature and chemical environment effects on the aggregation extent of water soluble perylene dye into vinyl alcohol-containing polymers. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6276.	1.3	31
133	Optimization of an organic memristor as an adaptive memory element. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	121
134	Linear low density polyethylene (LLDPE) films containing perylene dyes as stress-strain luminescent indicators. <i>E-Polymers</i> , 2009, 9, .	1.3	3
135	X-ray Magnetic Circular Dichroism and Small Angle Neutron Scattering Studies of Thiol Capped Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6434-6438.	0.9	24
136	Nanocomposites based on polyolefins and functional thermoplastic materials. <i>Polymer International</i> , 2008, 57, 805-836.	1.6	124
137	Aggregation Induced Luminescence of Polyisobutene Succinic Anhydrides and Imides. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 900-906.	1.1	121
138	Luminescent nanocomposites containing CdS nanoparticles dispersed into vinyl alcohol based polymers. <i>Reactive and Functional Polymers</i> , 2008, 68, 1144-1151.	2.0	39
139	Modulation of the Optical Response of Polyethylene Films Containing Luminescent Perylene Chromophores. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3668-3679.	1.2	115
140	Preparation and Optical Properties of New Metal/Macromolecule Architectures. <i>Macromolecular Symposia</i> , 2008, 270, 177-186.	0.4	10
141	MODULATION OF THE RESPONSE OF POLYMER MATERIALS THROUGH MOLECULAR INTERACTIONS AND NANODISPERSION. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
142	Bis(benzoxazolyl)stilbene excimers as temperature and deformation sensors for biodegradable poly(1,4-butylene succinate) films. <i>Journal of Materials Chemistry</i> , 2007, 17, 783-790.	6.7	193
143	Magnetism in Polymers with Embedded Gold Nanoparticles. <i>Advanced Materials</i> , 2007, 19, 875-877.	11.1	51
144	Conferring dichroic properties and optical responsiveness to polyolefins through organic chromophores and metal nanoparticles. <i>Progress in Organic Coatings</i> , 2007, 58, 105-116.	1.9	29

#	ARTICLE	IF	CITATIONS
145	Photoinduced formation of gold nanoparticles into vinyl alcohol based polymers. Journal of Materials Chemistry, 2006, 16, 1058-1066.	6.7	66
146	Dichroic Properties of Bis(benzoxazolyl)stilbene and Bis(benzoxazolyl)thiophene Dispersed into Oriented Polyethylene Films: A Combined Experimental and Density Functional Theory Approach. Journal of Physical Chemistry B, 2006, 110, 3127-3134.	1.2	37
147	Nanoparticles from Polylactide and Polyether Block Copolymers: Formation, Properties, Encapsulation, and Release of Pyrene Fluorescent Model of Hydrophobic Drug. Journal of Nanoscience and Nanotechnology, 2006, 6, 3242-3251.	0.9	13
148	Optical Properties of M(II) Schiff-base Complexes Dispersed in Ethylene based Polymers. Macromolecular Symposia, 2006, 235, 143-151.	0.4	5
149	Green-blue luminescence dichroism of cyano-containing poly[(m-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (et 46, 11198-11205.	1.8	34
150	Absorption and Emission Dichroism of Polyethylene Films with Molecularly Dispersed Push-Pull Terthiophenes. Macromolecular Chemistry and Physics, 2005, 206, 102-111.	1.1	33
151	Luminescent Bis(benzoxazolyl)stilbene as a Molecular Probe for Poly(propylene) Film Deformation. Macromolecular Rapid Communications, 2005, 26, 1043-1048.	2.0	106
152	Alder ene functionalization of polyisobutene oligomer and styrene-butadiene-styrene triblock copolymer. Polymer, 2005, 46, 1497-1505.	1.8	20
153	Catalytic and Optical Behavior of Polymer Embedded Metal Nanoparticles. Macromolecular Symposia, 2005, 231, 125-133.	0.4	7
154	Conferring Smart Behavior to Polyolefins through Blending with Organic Dyes and Metal Derivatives. ACS Symposium Series, 2005, , 18-33.	0.5	4
155	Biodegradable Nano- and Microparticles with Controlled Surface Properties. Macromolecular Symposia, 2005, 226, 239-252.	0.4	19
156	Unexpected polarization behavior at the aperture of hollow-pyramid near-field probes. Applied Physics Letters, 2005, 87, 223112.	1.5	46
157	Near-field optical microscopy of polymer-based films with dispersed terthiophene chromophores for polarizer applications. Nanotechnology, 2004, 15, S270-S275.	1.3	17
158	Controlled degradation by melt processing with oxygen or peroxide of ethylene/propylene copolymers. Journal of Applied Polymer Science, 2004, 94, 372-381.	1.3	4
159	Chiroptical Properties of Terthiophene Chromophores Dispersed in Oriented and Unoriented Polyethylene Films. Macromolecular Chemistry and Physics, 2004, 205, 786-794.	1.1	9
160	Evidence and use of metal-chromophore interactions: luminescence dichroism of terthiophene-coated gold nanoparticles in polyethylene oriented films. Journal of Materials Chemistry, 2004, 14, 3495-3502.	6.7	34
161	Modified Z-scan techniques for investigations of nonlinear chiroptical effects. Optics Express, 2004, 12, 5209.	1.7	40
162	Molecularly controlled blending of metals and organic metals with polyolefins for the preparation of materials with modulated optical properties. Macromolecular Symposia, 2003, 204, 59-70.	0.4	12

#	ARTICLE	IF	CITATIONS
163	Influence of processing method and components molecular structure on the phase behaviour of polyethylenes/dye blends. <i>Macromolecular Symposia</i> , 2003, 202, 85-96.	0.4	7
164	Effect of the dispersion of the chromophore on the optical performances of polarizers from polyethylene and 5- <i>thio</i> - (3-butyl)nonyl-2,2- <i>thio</i> :5- <i>thio</i> ,2- <i>thio</i> -terthiophene. <i>E-Polymers</i> , 2002, 2, .	1.3	0
165	Effect of the structure of the polymer matrix on the terthiophene chromophore dispersion in dichroic polyethelene films. <i>Polymers for Advanced Technologies</i> , 2002, 13, 737-743.	1.6	8
166	New Terthiophene Derivatives for Ultrahigh Molecular Weight Polyethylene-Based Absorption Polarizers. <i>Macromolecules</i> , 2001, 34, 2129-2137.	2.2	44
167	Blends of functionalized terthiophenes with polyethylene as materials for new linear polarizers. <i>Polymers for Advanced Technologies</i> , 2001, 12, 223-230.	1.6	9
168	Efficient 1400-1600-nm Circularly Polarized Luminescence from a Tuned Chiral Erbium Complex. <i>Angewandte Chemie</i> , 0, , .	1.6	0