

Leni Campos Akcelrud

List of Publications by Year in descending order

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104
papers

2,304
citations

257101

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243296

44
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104
all docs

104
docs citations

104
times ranked

2522
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation of electronic and vibrational properties with the chiro-optical activity of polyfluorene copolymers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121180.	2.0	1
2	Magnetic Properties of a Polyfluorene Derivative Metallopolymer Containing Neodymium Ions. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, 2100289.	1.1	0
3	Viscosity-induced dual-emission of europium ions containing metallopolymer. <i>Synthetic Metals</i> , 2021, 273, 116686.	2.1	2
4	Blending as a Strategy to Attain Chiro-Optically Activity Polymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100075.	2.0	0
5	Solvent-induced terbium-emission in a fluorene-co-terpyridine metallopolymer. <i>Polymer</i> , 2021, 229, 123990.	1.8	6
6	Enhanced polyethylene wetting properties by a simple dipping process. <i>Colloid and Polymer Science</i> , 2020, 298, 569-577.	1.0	1
7	Photophysical and Theoretical Interpretation of the Insensitive Emission to Temperature of a Metallopolymer Containing Europium Ions. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6105-6111.	1.2	6
8	Temperature effect on the electron-vibrational mode coupling of a fully conjugated polyfluorene derivative. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16779-16784.	1.3	2
9	Magnetic properties of a polyfluorene derivative containing complexed neodymium ions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 304-311.	2.4	4
10	Ratiometric thermochromism in europium-containing conjugated polymer. <i>Polymer</i> , 2019, 177, 65-72.	1.8	14
11	Ageing and structural changes in PDMS rubber investigated by time domain NMR. <i>Polymer Degradation and Stability</i> , 2019, 166, 300-306.	2.7	11
12	Expression of chirality amplification in self-assembled achiral/chiral polyfluorene blends. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6161-6168.	2.7	6
13	Circularly Polarized Light From a Series of Chiral Fluorene Copolymers. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	3
14	Photo and electroluminescence behavior of a polyfluorene derivative containing complexed europium ions. <i>Journal of Luminescence</i> , 2018, 201, 290-297.	1.5	14
15	Synthesis and Characterization of a Multifunctional Conjugated Polymer. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-9.	0.4	25
16	Theoretical studies for forecasting the power conversion efficiencies of polymer-based organic photovoltaic cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 919-927.	2.4	16
17	Interplay between structure and chiral properties of polyfluorene derivatives. <i>Polymer</i> , 2017, 132, 98-105.	1.8	8
18	Photophysical behavior of block copolymers containing EDOT, thiophene, and benzodiazole units linked to fluorene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 908-915.	2.4	2

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19	Conjugation Length Distribution in Poly(<i>p</i> -phenylenevinylene) (PPV) Films. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9702-9706.	1.1	3
20	Chitosan and oligo(<i>dl</i> -lactic acid) networks: Correlations between physical properties and macromolecular configuration. <i>Polymer</i> , 2016, 93, 115-122.	1.8	2
21	Evaluation of the chemical stability of methanol generated during paper degradation in power transformers. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016, 23, 3209-3214.	1.8	8
22	Interplay among electronic characteristics, morphology and device efficiency in three fluorene alternated copolymers. <i>Synthetic Metals</i> , 2016, 219, 60-66.	2.1	1
23	Effects of the host molecular dynamics on the photoemission temperature dependence of host/guest photoluminescent blends. <i>Polymer</i> , 2016, 90, 132-137.	1.8	9
24	Synthesis of a PPV-fluorene derivative: Applications in luminescent devices. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
25	Light emission of a polyfluorene derivative containing complexed europium ions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26238-26248.	1.3	26
26	A Photophysical Interpretation of the Thermochromism of a Polyfluorene Derivative-Europium Complex. <i>Journal of Physical Chemistry C</i> , 2014, 118, 30079-30086.	1.5	23
27	Internal plasticization of chitosan with oligo(<i>dl</i> -lactic acid) branches. <i>Polymer</i> , 2014, 55, 2645-2651.	1.8	6
28	Counter ion effects on the energy transfer processes in PPV. <i>Chemical Physics Letters</i> , 2014, 605-606, 147-151.	1.2	2
29	Characterization of two- and three-photon absorption of polyfluorene derivatives. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 747-754.	2.4	12
30	Synthesis and photovoltaic performance of a fluorene-bithiophene copolymer. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	8
31	Correlations between the number of thiophene units and the photovoltaic behavior of fluorene-oligothiophene copolymers. <i>European Polymer Journal</i> , 2013, 49, 3539-3547.	2.6	6
32	White light emitting devices by doping polyfluorene with two red emitters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 253, 45-51.	2.0	14
33	Design and Synthesis of Polymers for Chiral Photonics. <i>Macromolecules</i> , 2013, 46, 7158-7165.	2.2	44
34	Light emitting mechanisms in an alternated fluorene EDOT copolymer-A theoretical and photophysical study. <i>Journal of Luminescence</i> , 2013, 134, 670-677.	1.5	7
35	Energy-Transfer Processes in Donor-Acceptor Poly(fluorenevinylene-alt-4,7-dithienyl-2,1,3-benzothiadiazole). <i>Journal of Physical Chemistry C</i> , 2013, 117, 13173-13180.	1.5	18
36	Effect of the Temperature of Annealing on the Performance of Fluorene and Bithiophene Copolymer in Bilayer Solar Cells. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1390, 100.	0.1	2

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37	Synthesis and Solar Cell Application of New Alternating Donor-acceptor Copolymers Based on Variable Units of Fluorene, Thiophene, and Phenylene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18641-18648.	1.5	16
38	Photophysical properties of a fluorene-bipyridine copolymer and its complexes with europium. <i>Synthetic Metals</i> , 2012, 162, 35-43.	2.1	23
39	Correlations between Conjugation Length, Macromolecular Dynamics, and Photophysics of Phenylene-Vinylene/Aliphatic Multiblock Copolymers. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5993-6002.	1.2	5
40	Electronic Structure and Optical Properties of an Alternated Fluorene-Benzothiadiazole Copolymer: Interplay between Experimental and Theoretical Data. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3681-3690.	1.1	26
41	Performance of fluorene and terthiophene copolymer in bilayer photovoltaic devices: The role of the polymer conformations. <i>Organic Electronics</i> , 2012, 13, 2716-2726.	1.4	15
42	Two-photon excitation and optical limiting in polyfluorene derivatives. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 148-153.	2.4	15
43	Photophysical and photovoltaic properties of a PPV type copolymer containing alternated fluorene and thiophene units. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	6
44	Photo- and electroluminescence in a series of PPV type terpolymers containing fluorene, thiophene and phenylene units. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 237, 71-79.	2.0	9
45	Chitin/polyurethane networks and blends: Evaluation of biological application. <i>Polymer Testing</i> , 2012, 31, 191-196.	2.3	13
46	Electronic energy transfer between poly(9,9-dihexylfluorene-2,2-diyil) and MEH-PPV: A photophysical study in solutions and in the solid state. <i>Synthetic Metals</i> , 2011, 161, 2154-2161.	2.1	4
47	Optical Tuning of the Fluorescence Spectrum of a π -Conjugated Polymer through Excitation Power. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6385-6394.	1.2	4
48	De-aggregation of a polyfluorene derivative in clay nanocomposites: A photophysical study. <i>European Polymer Journal</i> , 2011, 47, 2259-2265.	2.6	17
49	Chitin- polyurethane networks: correlations between physical properties and composition. <i>Journal of Polymer Research</i> , 2011, 18, 2255-2264.	1.2	8
50	Polyfluorene based blends for white light emission. <i>Organic Electronics</i> , 2011, 12, 1493-1504.	1.4	33
51	The effect of complexation with platinum in polyfluorene derivatives: A photo- and electro-luminescence study. <i>Journal of Luminescence</i> , 2011, 131, 710-720.	1.5	8
52	Solid-state NMR characterization of a series of copolymers containing fluorene, phenylene and thiophene units. <i>Polymer Testing</i> , 2011, 30, 342-347.	2.3	11
53	The role of the double peaked absorption spectrum in the efficiency of solar cells based on donor-acceptor-donor copolymers. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 2287-2294.	3.0	33
54	Hole mobility effect in the efficiency of bilayer heterojunction polymer/C60 photovoltaic cells. <i>Applied Physics Letters</i> , 2011, 98, 253501.	1.5	23

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55	Emission tuning study of RGB blends. Interaction of two EL polymers and a red dye. <i>Current Applied Physics</i> , 2010, 10, 365-369.	1.1	8
56	Chitin/polyurethane blends: a thermal and morphological study. <i>Polymer International</i> , 2010, 59, 1090-1098.	1.6	3
57	Theoretical analysis of aggregation in block copolymer films: The optical signature. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 885-892.	1.0	4
58	Grafting of chitosan with fatty acyl derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1910-1916.	0.6	9
59	Photophysical properties and quantum chemical studies of poly(2,7-9,9'-dihexylfluorene-diyil). <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 160-166.	0.6	13
60	A contribution to the interpretation of polymer viscoelasticity in DMTA testing. <i>Polymer Bulletin</i> , 2009, 63, 773-778.	1.7	0
61	Application of the principal component analysis method in the biodegradation polyurethanes evaluation. <i>Materials Science and Engineering C</i> , 2009, 29, 470-473.	3.8	12
62	De-aggregation of polyfluorene derivative by blending with a series of poly(alkyl methacrylate)s with varying sidegroup sizes. <i>European Polymer Journal</i> , 2009, 45, 2467-2477.	2.6	29
63	Synthesis and photophysical properties of a novel soluble polyquinoline. <i>Journal of Luminescence</i> , 2009, 129, 119-125.	1.5	9
64	Interchain interactions effects on emission efficiency of poly(p-phenylene vinylene) films. <i>Journal of Luminescence</i> , 2009, 129, 672-678.	1.5	8
65	Synthesis and photophysical study of a conjugated non-conjugated oligoazomethine. <i>Journal of Luminescence</i> , 2009, 129, 720-728.	1.5	8
66	Highly efficient polymer blends from a polyfluorene derivative and PVK for LEDs. <i>Polymer</i> , 2009, 50, 6057-6064.	1.8	38
67	Polyethylene blends: A correlation study between morphology and environmental resistance. <i>Polymer Degradation and Stability</i> , 2008, 93, 43-49.	2.7	44
68	Correlations between composition and crystallinity of LDPE/HDPE blends. <i>Journal of Polymer Research</i> , 2008, 15, 83-88.	1.2	73
69	Electroluminescence of (styrene-co-acrylic acid) ionomer/conjugated MEH-PPV blends. <i>Synthetic Metals</i> , 2008, 158, 219-225.	2.1	15
70	Excited-State Dynamics of Polyfluorene Derivatives in Solution. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5054-5059.	1.1	8
71	Structural control of photoluminescence of four poly(urethane-urea-co-1,3,5-triazine)s: Synthesis and characterization. <i>Journal of Luminescence</i> , 2007, 124, 343-350.	1.5	4
72	Photo- and electroluminescent properties of a π -conjugated copolymer containing 2,2'-bipyridyl units. <i>Polymer International</i> , 2007, 56, 252-257.	1.6	6

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73	Langmuir and Langmuir-Blodgett Films of Polyfluorenes and Their Use in Polymer Light-Emitting Diodes. <i>Journal of Polymer Research</i> , 2007, 14, 39-44.	1.2	15
74	Electroluminescent Polymer Systems. , 2007, , 757-786.		5
75	Photoluminescence Studies of Phenanthrene [~] Azomethyne Conjugated [~] Nonconjugated Multiblock Copolymer. <i>Macromolecules</i> , 2006, 39, 3398-3407.	2.2	52
76	Polyurethanes Elastomers Based on Poly(ϵ -caprolactone) Diol: Biodegradation Evaluation. <i>Macromolecular Symposia</i> , 2006, 245-246, 651-656.	0.4	8
77	Dispositivos polim [~] ricos eletroluminescentes. <i>Quimica Nova</i> , 2006, 29, 277-286.	0.3	11
78	Dependence of relaxation processes in a low-density polyethylene with different crosslink densities investigated by fluorescence spectroscopy. <i>Polymer</i> , 2006, 47, 7414-7424.	1.8	11
79	Nanomechanical properties of poly(methyl methacrylate-co-9-anthryl methyl methacrylate). <i>Surface and Coatings Technology</i> , 2006, 201, 3615-3620.	2.2	6
80	Polyaniline/polyurethane networks. II. A spectroscopic study. <i>Polymer</i> , 2005, 46, 2285-2296.	1.8	46
81	Photophysical study of a conjugated [~] non-conjugated PPV-type electroluminescent copolymer. <i>Polymer</i> , 2005, 46, 2452-2460.	1.8	24
82	Photoluminescence and Relaxation Processes in MEH [~] PPV. <i>Macromolecules</i> , 2005, 38, 925-932.	2.2	33
83	Correla [~] o entre propriedades mec [~] nicas e par [~] metros estruturais de poliuretanos [~] base de poli(ϵ -caprolactona). <i>Polimeros</i> , 2005, 15, 1-5.	0.2	3
84	Novel fluorine containing polyfluorenes with efficient blue electroluminescence. <i>Polymer</i> , 2004, 45, 7071-7081.	1.8	59
85	Photo and electroluminescence studies of poly(methyl methacrylate-co-9-anthryl methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0,9 29		
86	Relaxations of Poly(methyl methacrylate) Probed by Covalently Attached Anthryl Groups. <i>Macromolecules</i> , 2004, 37, 6938-6944.	2.2	33
87	Networks and blends of polyaniline and polyurethane: correlations between composition and thermal, dynamic mechanical and electrical properties. <i>Polymer</i> , 2003, 44, 6891-6899.	1.8	62
88	The effect of accelerated aging on the surface mechanical properties of polyethylene. <i>Polymer Degradation and Stability</i> , 2003, 81, 367-373.	2.7	101
89	Electroluminescent polymers. <i>Progress in Polymer Science</i> , 2003, 28, 875-962.	11.8	637
90	Fluorescent aggregates in naphthalene containing poly(urethane [~] urea)s. <i>Journal of Luminescence</i> , 2003, 105, 69-79.	1.5	25

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91	Naphthalene Containing Poly(urethane-urea) for Volatile Memory Device Applications. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 466.	1.7	8
92	Poly(ester urethane)s with polycaprolactone soft segments: A morphological study. <i>Journal of Polymer Science Part A</i> , 2002, 40, 4117-4130.	2.5	73
93	Thermal treatment and dynamic mechanical thermal properties of polyaniline. <i>Polymer</i> , 2002, 43, 5493-5499.	1.8	43
94	Toughening of crosslinked polystyrene with liquid rubber. <i>Journal of Applied Polymer Science</i> , 2001, 82, 2098-2105.	1.3	4
95	S�ntese e caracteriza�o de poliuretanos segmentados contendo blocos de peso molecular controlado. Parte 2: correla�es entre morfologia e comportamentos t�rmico e mec�nico. <i>Polimeros</i> , 2000, 10, 193-201.	0.2	5
96	Determina�o do par�metro de solubilidade de poliuretanos de PBLH. <i>Polimeros</i> , 2000, 10, 64-69.	0.2	7
97	Estudo fotof�sico do crom�foro p-fen�xi-metil-estilbeno livre ou ligado a um esqueleto de poliestireno. <i>Polimeros</i> , 1997, 7, 37-41.	0.2	0
98	HTPB-based Polyurethanes: a Correlation Study Between Morphology and Mechanical Behaviour. <i>Polymer International</i> , 1997, 42, 422-428.	1.6	46
99	Crosslinking Density, Thermal and Mechanical Behavior in PMMA Networks. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1996, 33, 31-36.	1.8	8
100	Effect of HTPB structure on prepolymer characteristics and on mechanical properties of polybutadiene-based polyurethanes. <i>Polymer Bulletin</i> , 1995, 35, 635-639.	1.7	25
101	Electroluminescent devices based on modified polystyrene I. Pendant stilbenyl groups as light emitters. <i>Synthetic Metals</i> , 1995, 71, 2187-2188.	2.1	5
102	Electroluminescent devices based on modified polystyrene II. Pendant anthracenyl groups as light emitters. <i>Synthetic Metals</i> , 1995, 71, 2189-2190.	2.1	7
103	Configurational double bond selectivity in the epoxidation of hydroxy-terminated polybutadiene with m-chloroperbenzoic acid. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 3937-3948.	1.1	31
104	Structural and morphological characterization of the crystallites from semicrystalline regions of poly (9,9�-dihexylfluorene). <i>International Journal of Polymer Analysis and Characterization</i> , 0, , 1-10.	0.9	1