Leni Campos Akcelrud

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8377165/publications.pdf

Version: 2024-02-01

104	2,304	257101	243296
papers	citations	24	44
		h-index	g-index

104	104	104	2522
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electroluminescent polymers. Progress in Polymer Science, 2003, 28, 875-962.	11.8	637
2	The effect of accelerated aging on the surface mechanical properties of polyethylene. Polymer Degradation and Stability, 2003, 81, 367-373.	2.7	101
3	Poly(ester urethane)s with polycaprolactone soft segments: A morphological study. Journal of Polymer Science Part A, 2002, 40, 4117-4130.	2.5	73
4	Correlations between composition and crystallinity of LDPE/HDPE blends. Journal of Polymer Research, 2008, 15, 83-88.	1.2	73
5	Networks and blends of polyaniline and polyurethane: correlations between composition and thermal, dynamic mechanical and electrical properties. Polymer, 2003, 44, 6891-6899.	1.8	62
6	Novel fluorine containing polyfluorenes with efficient blue electroluminescence. Polymer, 2004, 45, 7071-7081.	1.8	59
7	Photoluminescence Studies of Phenanthreneâ^'Azomethyne Conjugatedâ^'Nonconjugated Multiblock Copolymer. Macromolecules, 2006, 39, 3398-3407.	2.2	52
8	HTPB-based Polyurethanes: a Correlation Study Between Morphology and Mechanical Behaviour. Polymer International, 1997, 42, 422-428.	1.6	46
9	Polyaniline/polyurethane networks. II. A spectroscopic study. Polymer, 2005, 46, 2285-2296.	1.8	46
10	Polyethylene blends: A correlation study between morphology and environmental resistance. Polymer Degradation and Stability, 2008, 93, 43-49.	2.7	44
11	Design and Synthesis of Polymers for Chiral Photonics. Macromolecules, 2013, 46, 7158-7165.	2.2	44
12	Thermal treatment and dynamic mechanical thermal properties of polyaniline. Polymer, 2002, 43, 5493-5499.	1.8	43
13	Highly efficient polymer blends from a polyfluorene derivative and PVK for LEDs. Polymer, 2009, 50, 6057-6064.	1.8	38
14	Relaxations of Poly(methyl methacrylate) Probed by Covalently Attached Anthryl Groups. Macromolecules, 2004, 37, 6938-6944.	2.2	33
15	Photoluminescence and Relaxation Processes in MEHâ^'PPV. Macromolecules, 2005, 38, 925-932.	2.2	33
16	Polyfluorene based blends for white light emission. Organic Electronics, 2011, 12, 1493-1504.	1.4	33
17	The role of the double peaked absorption spectrum in the efficiency of solar cells based on donorâ€“acceptorâ€“donor copolymers. Solar Energy Materials and Solar Cells, 2011, 95, 2287-2294.	3.0	33
18	Configurational double bond selectivity in the epoxidation of hydroxy-terminated polybutadiene with m-chloroperbenzoic acid. Macromolecular Chemistry and Physics, 1994, 195, 3937-3948.	1.1	31

#	Article	IF	Citations
19	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
20	De-aggregation of polyfluorene derivative by blending with a series of poly(alkyl methacrylate)s with varying sidegroup sizes. European Polymer Journal, 2009, 45, 2467-2477.	2.6	29
21	Electronic Structure and Optical Properties of an Alternated Fluoreneâ€“Benzothiadiazole Copolymer: Interplay between Experimental and Theoretical Data. Journal of Physical Chemistry A, 2012, 116, 3681-3690.	1.1	26
22	Light emission of a polyfluorene derivative containing complexed europium ions. Physical Chemistry Chemical Physics, 2015, 17, 26238-26248.	1.3	26
23	Effect of HTPB structure on prepolymer characteristics and on mechanical properties of polybutadiene-based polyurethanes. Polymer Bulletin, 1995, 35, 635-639.	1.7	25
24	Fluorescent aggregates in naphthalene containing poly(urethaneâ€“urea)s. Journal of Luminescence, 2003, 105, 69-79.	1.5	25
25	Synthesis and Characterization of a Multifunctional Conjugated Polymer. Advances in Condensed Matter Physics, 2018, 2018, 1-9.	0.4	25
26	Photophysical study of a conjugatedâ€“non-conjugated PPV-type electroluminescent copolymer. Polymer, 2005, 46, 2452-2460.	1.8	24
27	Hole mobility effect in the efficiency of bilayer heterojunction polymer/C60 photovoltaic cells. Applied Physics Letters, 2011, 98, 253501.	1.5	23
28	Photophysical properties of a fluoreneâ€“bipyridine copolymer and its complexes with europium. Synthetic Metals, 2012, 162, 35-43.	2.1	23
29	A Photophysical Interpretation of the Thermochromism of a Polyfluorene Derivativeâ€“Europium Complex. Journal of Physical Chemistry C, 2014, 118, 30079-30086.	1.5	23
30	Energy-Transfer Processes in Donorâ€“Acceptor Poly(fluorenevinylene-alt-4,7-dithienyl-2,1,3-benzothiadiazole). Journal of Physical Chemistry C, 2013, 117, 13173-13180.	1.5	18
31	De-aggregation of a polyfluorene derivative in clay nanocomposites: A photophysical study. European Polymer Journal, 2011, 47, 2259-2265.	2.6	17
32	Synthesis and Solar Cell Application of New Alternating Donorâ€“Acceptor Copolymers Based on Variable Units of Fluorene, Thiophene, and Phenylene. Journal of Physical Chemistry C, 2012, 116, 18641-18648.	1.5	16
33	Theoretical studies for forecasting the power conversion efficiencies of polymerâ€based organic photovoltaic cells. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 919-927.	2.4	16
34	Langmuir and Langmuir-Blodgett Films of Polyfluorenes and Their Use in Polymer Light-Emitting Diodes. Journal of Polymer Research, 2007, 14, 39-44.	1.2	15
35	Electroluminescence of (styrene-co-acrylic acid) ionomer/conjugated MEH-PPV blends. Synthetic Metals, 2008, 158, 219-225.	2.1	15
36	Performance of fluorene and terthiophene copolymer in bilayer photovoltaic devices: The role of the polymer conformations. Organic Electronics, 2012, 13, 2716-2726.	1.4	15

#	Article	IF	Citations
37	Twoâ€photon excitation and optical limiting in polyfluorene derivatives. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 148-153.	2.4	15
38	White light emitting devices by doping polyfluorene with two red emitters. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 253, 45-51.	2.0	14
39	Photo and electroluminescence behavior of a polyfluorene derivative containing complexed europium ions. Journal of Luminescence, 2018, 201, 290-297.	1.5	14
40	Ratiometric thermochromism in europium-containing conjugated polymer. Polymer, 2019, 177, 65-72.	1.8	14
41	Photophysical properties and quantum chemical studies of poly(2,7-9,9'-dihexylfluorene-dyil). Journal of the Brazilian Chemical Society, 2009, 20, 160-166.	0.6	13
42	Chitin/polyurethane networks and blends: Evaluation of biological application. Polymer Testing, 2012, 31, 191-196.	2.3	13
43	Application of the principal component analysis method in the biodegradation polyurethanes evaluation. Materials Science and Engineering C, 2009, 29, 470-473.	3.8	12
44	Characterization of two- and three-photon absorption of polyfluorene derivatives. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 747-754.	2.4	12
45	Dispositivos polimÃ©ricos eletroluminescentes. Quimica Nova, 2006, 29, 277-286.	0.3	11
46	Dependence of relaxation processes in a low-density polyethylene with different crosslink densities investigated by fluorescence spectroscopy. Polymer, 2006, 47, 7414-7424.	1.8	11
47	Solid-state NMR characterization of a series of copolymers containing fluorene, phenylene and thiophene units. Polymer Testing, 2011, 30, 342-347.	2.3	11
48	Ageing and structural changes in PDMS rubber investigated by time domain NMR. Polymer Degradation and Stability, 2019, 166, 300-306.	2.7	11
49	Synthesis and photophysical properties of a novel soluble polyquinoline. Journal of Luminescence, 2009, 129, 119-125.	1.5	9
50	Grafting ofchitosan with fatty acyl derivatives. Journal of the Brazilian Chemical Society, 2010, 21, 1910-1916.	0.6	9
51	Photo- and electroluminescence in a series of PPV type terpolymers containing fluorene, thiophene and phenylene units. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 237, 71-79.	2.0	9
52	Synthesis of a PPVâ€fluorene derivative: Applications in luminescent devices. Journal of Applied Polymer Science, 2015, 132, .	1.3	9
53	Effects of the host molecular dynamics on the photoemission temperature dependence of host/guest photoluminescent blends. Polymer, 2016, 90, 132-137.	1.8	9
54	Crosslinking Density, Thermal and Mechanical Behavior in PMMA Networks. International Journal of Polymeric Materials and Polymeric Biomaterials, 1996, 33, 31-36.	1.8	8

#	Article	IF	Citations
55	Naphthalene Containing Poly(urethane-urea) for Volatile Memory Device Applications. Macromolecular Materials and Engineering, 2002, 287, 466.	1.7	8
56	Polyurethanes Elastomers Based on Poly(É›-caprolactone) Diol: Biodegradation Evaluation. Macromolecular Symposia, 2006, 245-246, 651-656.	0.4	8
57	Excited-State Dynamics of Polyfluorene Derivatives in Solution. Journal of Physical Chemistry A, 2008, 112, 5054-5059.	1.1	8
58	Interchain interactions effects on emission efficiency of poly(p-phenylene vinylene) films. Journal of Luminescence, 2009, 129, 672-678.	1.5	8
59	Synthesis and photophysical study of a conjugatedâ€“non-conjugated oligoazomethine. Journal of Luminescence, 2009, 129, 720-728.	1.5	8
60	Emission tuning study of RGB blends. Interaction of two EL polymers and a red dye. Current Applied Physics, 2010, 10, 365-369.	1.1	8
61	Chitin- polyurethane networks: correlations between physical properties and composition. Journal of Polymer Research, 2011, 18, 2255-2264.	1.2	8
62	The effect of complexation with platinum in polyfluorene derivatives: A photo- and electro-luminescence study. Journal of Luminescence, 2011, 131, 710-720.	1.5	8
63	Synthesis and photovoltaic performance of a fluorene-bithiophene copolymer. Journal of Polymer Research, 2013, 20, 1.	1.2	8
64	Evaluation of the chemical stability of methanol generated during paper degradation in power transformers. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 3209-3214.	1.8	8
65	Interplay between structure and chiral properties of polyfluorene derivatives. Polymer, 2017, 132, 98-105.	1.8	8
66	Electroluminescent devices based on modified polystyrene II. Pendant anthracenyl groups as light emitters. Synthetic Metals, 1995, 71, 2189-2190.	2.1	7
67	DeterminaÃ§Ã£o do parÃ¢metro de solubilidade de poliuretanos de PBLH. Polimeros, 2000, 10, 64-69.	0.2	7
68	Light emitting mechanisms in an alternated fluorene EDOT copolymerâ€”A theoretical and photophysical study. Journal of Luminescence, 2013, 134, 670-677.	1.5	7
69	Nanomechanical properties of poly(methyl methacrylate-co-9-anthryl methyl methacrylate). Surface and Coatings Technology, 2006, 201, 3615-3620.	2.2	6
70	Photo- and electroluminescent properties of a Ï€-conjugated copolymer containing 2,2â€²-bipyridyl units. Polymer International, 2007, 56, 252-257.	1.6	6
71	Photophysical and photovoltaic properties of a PPV type copolymer containing alternated fluorene and thiophene units. Journal of Polymer Research, 2012, 19, 1.	1.2	6
72	Correlations between the number of thiophene units and the photovoltaic behavior of fluoreneâ€“oligothiophene copolymers. European Polymer Journal, 2013, 49, 3539-3547.	2.6	6

#	Article	IF	Citations
73	Internal plasticization of chitosan with oligo(dl-lactic acid) branches. Polymer, 2014, 55, 2645-2651.	1.8	6
74	Expression of chirality amplification in self-assembled achiral/chiral polyfluorene blends. Journal of Materials Chemistry C, 2019, 7, 6161-6168.	2.7	6
75	Photophysical and Theoretical Interpretation of the Insensitive Emission to Temperature of a Metallopolymer Containing Europium Ions. Journal of Physical Chemistry B, 2020, 124, 6105-6111.	1.2	6
76	Solvent-induced terbium-emission in a fluorene-co-terpyridine metallopolymer. Polymer, 2021, 229, 123990.	1.8	6
77	Electroluminescent devices based on modified polystyrene I. Pendant stilbenyl groups as light emitters. Synthetic Metals, 1995, 71, 2187-2188.	2.1	5
78	SÃntese e caracterizaÃ§Ã£o de poliuretanos segmentados contendo blocos de peso molecular controlado. Parte 2: correlaÃ§Ãµes entre morfologia e comportamentos tÃ©rmico e mecÃ¢nico. Polimeros, 2000, 10, 193-201.	0.2	5
79	Correlations between Conjugation Length, Macromolecular Dynamics, and Photophysics of Phenylene-Vinylene/Aliphatic Multiblock Copolymers. Journal of Physical Chemistry B, 2012, 116, 5993-6002.	1.2	5
80	Electroluminescent Polymer Systems. , 2007, , 757-786.		5
81	Toughening of crosslinked polystyrene with liquid rubber. Journal of Applied Polymer Science, 2001, 82, 2098-2105.	1.3	4
82	Structural control of photoluminescence of four poly(urethane-urea-co-1,3,5-triazine)s: Synthesis and characterization. Journal of Luminescence, 2007, 124, 343-350.	1.5	4
83	Theoretical analysis of aggregation in blockâ€copolymer films: The optical signature. International Journal of Quantum Chemistry, 2010, 110, 885-892.	1.0	4
84	Electronic energy transfer between poly(9,9â€²-dihexylfluorene-2,2-dyil) and MEH-PPV: A photophysical study in solutions and in the solid state. Synthetic Metals, 2011, 161, 2154-2161.	2.1	4
85	Optical Tuning of the Fluorescence Spectrum of a Ï€-Conjugated Polymer through Excitation Power. Journal of Physical Chemistry B, 2011, 115, 6385-6394.	1.2	4
86	Magnetic properties of a polyfluorene derivative containing complexed neodymium ions. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 304-311.	2.4	4
87	Chitin/polyurethane blends: a thermal and morphological study. Polymer International, 2010, 59, 1090-1098.	1.6	3
88	Conjugation Length Distribution in Poly(p-phenylenevinylene) (PPV) Films. Journal of Physical Chemistry A, 2016, 120, 9702-9706.	1.1	3
89	Circularly Polarized Light From a Series of Chiral Fluorene Copolymers. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	3
90	CorrelaÃ§Ã£o entre propriedades mecÃ¢nicas e parÃ¢metros estruturais de poliuretanos Ã base de poli(Ã©psilon-caprolactona). Polimeros, 2005, 15, 1-5.	0.2	3

#	Article	IF	Citations
91	Effect of the Temperature of Annealing on the Performance of Fluorene and Bithiophene Copolymer in Bilayer Solar Cells. Materials Research Society Symposia Proceedings, 2012, 1390, 100.	0.1	2
92	Counter ion effects on the energy transfer processes in PPV. Chemical Physics Letters, 2014, 605-606, 147-151.	1.2	2
93	Photophysical behavior of block copolymers containing EDOT, thiophene, and benzodiathiazole units linked to fluorene. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 908-915.	2.4	2
94	Chitosan and oligo(dl-lactic acid) networks: Correlations between physical properties and macromolecular configuration. Polymer, 2016, 93, 115-122.	1.8	2
95	Temperature effect on the electronâ€“vibrational mode coupling of a fully conjugated polyfluorene derivative. Physical Chemistry Chemical Physics, 2019, 21, 16779-16784.	1.3	2
96	Viscosity-induced dual-emission of europium ions containing metallopolymer. Synthetic Metals, 2021, 273, 116686.	2.1	2
97	Interplay among electronic characteristics, morphology and device efficiency in three fluorene alternated copolymers. Synthetic Metals, 2016, 219, 60-66.	2.1	1
98	Enhanced polyethylene wetting properties by a simple dipping process. Colloid and Polymer Science, 2020, 298, 569-577.	1.0	1
99	Structural and morphological characterization of the crystallites from semicrystalline regions of poly (9,9â€²-dihexylfluorene). International Journal of Polymer Analysis and Characterization, 0, , 1-10.	0.9	1
100	Correlation of electronic and vibrational properties with the chiro-optical activity of polyfluorene copolymers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121180.	2.0	1
101	Estudo fotofÃsico do cromÃ³foro p-fenÃ³xi-metil-estilbeno livre ou ligado a um esqueleto de poliestireno. Polimeros, 1997, 7, 37-41.	0.2	0
102	A contribution to the interpretation of polymer viscoelasticity in DMTA testing. Polymer Bulletin, 2009, 63, 773-778.	1.7	0
103	Blending as a Strategy to Attain Chiroâ€Optically Activity Polymers. Macromolecular Rapid Communications, 2021, 42, 2100075.	2.0	0
104	Magnetic Properties of a Polyfluorene Derivative Metallopolymer Containing Neodymium Ions. Macromolecular Chemistry and Physics, 2022, 223, 2100289.	1.1	0