

Michiya Fujiki

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3898987/michiya-fujiki-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

323
papers

10,587
citations

57
h-index

79
g-index

356
ext. papers

11,251
ext. citations

5.2
avg, IF

6.45
L-index

#	Paper	IF	Citations
323	Red-Green-Blue-Yellow (RGBY) Magnetic Circularly Polarised Luminescence (MCPL) from Optically Inactive Phosphorescent Ir(III) Complexes. <i>ChemistrySelect</i> , 2021 , 6, 11182-11187	1.8	0
322	Mirror Symmetric Green-Color Magnetic Circularly Polarized Luminescence from Tb(III)-containing Inorganics under North-up and South-up Faraday Geometries. <i>Inorganic Chemistry Communication</i> , 2021 , 109034	3.1	
321	Mirror-symmetric magnetic circularly polarized luminescence from CdS/ZnS core-shell quantum dots: Faraday effect in the photoexcited state. <i>Chemical Physics Letters</i> , 2021 , 767, 138353	2.5	5
320	Magnetic Circularly Polarized Luminescence from Pt OEP and F-ppyPt(acac) under North-up and South-up Faraday Geometries. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 926-930	4.5	7
319	Synchronization in Non-Mirror-Symmetrical Chirogenesis: Non-Helical π -Conjugated Polymers with Helical Polysilane Copolymers in Co-Colloids. <i>Symmetry</i> , 2021 , 13, 594	2.7	1
318	Ambidextrous Solid-state Magnetic Circularly Polarized Luminescence (MCPL) from Red-Green-Blue Inorganic Luminophores without Molecular Chirality. <i>Chemistry Letters</i> , 2021 , 50, 916-919	1.7	3
317	Deep-red circularly polarised luminescent C derivatives. <i>Scientific Reports</i> , 2021 , 11, 12072	4.9	1
316	Remarkable Effects of External Magnetic Field on Circularly Polarized Luminescence of Eu(hfa) with Phosphine Chirality. <i>ChemPhysChem</i> , 2021 , 22, 1728-1737	3.2	0
315	Stereospecific Synthesis of Cyclic Sulfite Esters with Sulfur-Centered Chirality via Diastereoselective Strategy and Intramolecular H-Bonding Assistance. <i>Journal of Organic Chemistry</i> , 2021 , 86, 379-387	4.2	1
314	Circularly Polarized Luminescent Polymers: Emerging Materials for Photophysical Applications 2021 , 117-139		
313	Resonance in Chirogenesis and Photochirogenesis: Colloidal Polymers Meet Chiral Optofluidics. <i>Symmetry</i> , 2021 , 13, 199	2.7	1
312	Sign dependence of MCPL spectra on type and position of substituent groups of pyrene and phenanthrene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 8236-8240	3.6	3
311	Sign inversion in magnetic circularly polarised luminescence of fused aromatics with 1.6 T N-up/S-up Faraday geometry.. <i>RSC Advances</i> , 2021 , 11, 1581-1585	3.7	3
310	Sign inversion of magnetic circularly polarized luminescence in Iridium(III) complexes bearing achiral ligands. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 5074-5078	3.6	3
309	Handed Mirror Symmetry Breaking at the Photo-Excited State of π -Conjugated Rotamers in Solutions. <i>Symmetry</i> , 2021 , 13, 272	2.7	2
308	Magnetic Circularly Polarized Luminescence in the Photoexcited States of Racemic [n]Helicenes (n=3-5,7) in Tetrahydrofuran and Dimethyl Sulfoxide Solutions. <i>ChemPhysChem</i> , 2021 , 22, 2058-2062	3.2	
307	Mirror-image magnetic circularly polarized luminescence (MCPL) from optically inactive Eu and Tbtris(ediketonate). <i>Dalton Transactions</i> , 2020 , 49, 9588-9594	4.3	16

306	Excimer-origin CPL vs. monomer-origin magnetic CPL in photo-excited chiral binaphthyl-ester-pyrenes: critical role of ester direction. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 13862-13866	3.6	10
305	Non-classically Controlled Sign in a 1.6 Tesla Magnetic Circularly Polarized Luminescence of Three Pyrenes in a Chloroform and a PMMA Film. <i>Chemistry Letters</i> , 2020 , 49, 674-676	1.7	12
304	Chirogenesis and Pfeiffer Effect in Optically Inactive Eu and Tb Tris(Ediketonate) Upon Intermolecular Chirality Transfer From Poly- and Monosaccharide Alkyl Esters and β Pinene: Emerging Circularly Polarized Luminescence (CPL) and Circular Dichroism (CD). <i>Frontiers in Chemistry</i> , 2020 , 8, 685	5	7
303	Synthesis of delayed-emissive poly(2,7-carbazole)s having an anchored triazine pendant at the N-position. <i>Polymer Chemistry</i> , 2019 , 10, 3318-3324	4.9	2
302	Questions of Mirror Symmetry at the Photoexcited and Ground States of Non-Rigid Luminophores Raised by Circularly Polarized Luminescence and Circular Dichroism Spectroscopy. Part 2: Perylenes, BODIPYs, Molecular Scintillators, Coumarins, Rhodamine B, and DCM. <i>Symmetry</i> , 2019 , 11, 363	2.7	4
301	Photoluminescent poly(4-vinylpyridine)-based ionic liquids coded with L- and D-histidine: a supramolecular self-assembly leading to the formation of red-shifted photoluminescent helical aggregates. <i>Polymer Chemistry</i> , 2019 , 10, 2734-2740	4.9	3
300	The Chirality Induction and Modulation of Polymers by Circularly Polarized Light. <i>Symmetry</i> , 2019 , 11, 474	2.7	22
299	Aggregation-induced chiroptical generation and photoinduced switching of achiral azobenzene-fluorene copolymer endowed with left- and right-handed helical polysilanes.. <i>RSC Advances</i> , 2019 , 9, 4849-4856	3.7	5
298	Torsional chirality generation based on cyclic oligomers constructed from an odd number of pyrenes. <i>Chemical Communications</i> , 2019 , 55, 9618-9621	5.8	12
297	Circularly polarised luminescence from planar-chiral Phanephos/Tb(iii)(hfa) hybrid luminophores. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2859-2864	4.2	6
296	Turn-on circularly polarized luminescent (CPL) molecular system realized by thermo-driven Newman-Kwart rearrangement reaction from CPL-silent O- to CPL-active S-thiocarbamate groups at peripheral position of 1,1'-binaphthyl rings. <i>Tetrahedron Letters</i> , 2018 , 59, 1619-1622	2	2
295	Molecular weight-dependent physisorption of non-charged poly(9,9-dioctylfluorene) onto the neutral surface of cuboidal γ -alumina in toluene. <i>Polymer Journal</i> , 2018 , 50, 865-877	2.7	1
294	Noticeable Chiral Center Dependence of Signs and Magnitudes in Circular Dichroism (CD) and Circularly Polarized Luminescence (CPL) Spectra of all-trans-Poly(9,9-dialkylfluorene-2,7-vinylene)s Bearing Chiral Alkyl Side Chains in Solution, Aggregates, and Thin Films. <i>Macromolecules</i> , 2018 , 51, 2377-2387	5.5	25
293	Symmetry-based rational design for boosting chiroptical responses. <i>Communications Chemistry</i> , 2018 , 1,	6.3	93
292	Optically Active Linear and Hyperbranched Polythiophenes Bearing BINOL Derivatives Emitting Circularly Polarized Luminescence. <i>Chemistry Letters</i> , 2018 , 47, 1200-1202	1.7	1
291	Unveiling controlled breaking of the mirror symmetry of Eu(fod) ₃ with β Pinene and BINAP by circularly polarised luminescence (CPL), CPL excitation, and 19F-/31P{1H}-NMR spectra and Mulliken charges. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2718-2733	6.8	15
290	Terthiophene Functionalized Conjugated Triarm Polymers Containing Poly(fluorene-2,7-vinylene) Arms Having Different Cores-Synthesis and Their Unique Optical Properties. <i>ACS Omega</i> , 2018 , 3, 5052-5063	3.9	5
289	Ambidextrous Chirality Transfer Capability from Cellulose Tris(phenylcarbamate) to Nonhelical Chainlike Luminophores: Achiral Solvent-Driven Helix-Helix Transition of Oligo- and Polyfluorenes Revealed by Sign Inversion of Circularly Polarized Luminescence and Circular Dichroism Spectra. <i>Biomacromolecules</i> , 2018 , 19, 448-458	6.9	14

288	Solvent-sensitive signs and magnitudes of circularly polarised luminescence and circular dichroism spectra: probing two phenanthrenes as emitters endowed with BINOL derivatives. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 1093-1100	3.9	14
287	Questions of Mirror Symmetry at the Photoexcited and Ground States of Non-Rigid Luminophores Raised by Circularly Polarized Luminescence and Circular Dichroism Spectroscopy: Part 1. Oligofluorenes, Oligophenylenes, Binaphthyls and Fused Aromatics. <i>Molecules</i> , 2018 , 23,	4.8	7
286	A Pivotal Biaryl Rotamer Bearing Two Floppy Pyrenes that Exhibits Cryptochiral Characteristics in the Ground State. <i>ChemistrySelect</i> , 2018 , 3, 9970-9973	1.8	7
285	Combined Experimental and Theoretical Study on Circular Dichroism and Circularly Polarized Luminescence of Configurationally Robust D-Symmetric Triple Pentahelicene. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 7378-7384	2.8	31
284	Oligo- and Polyfluorenes Meet Cellulose Alkyl Esters: Retention, Inversion, and Racemization of Circularly Polarized Luminescence (CPL) and Circular Dichroism (CD) via Intermolecular C _H /O ₂ C Interactions. <i>Macromolecules</i> , 2017 , 50, 1778-1789	5.5	26
283	Time-evolved, far-red, circularly polarised luminescent polymer aggregates endowed with sacrificial helical SiBi bond polymers. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1773-1785	7.8	18
282	Circularly polarised luminescence of pyrenyl di- and tri-peptides with mixed d- and l-amino acid residues. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4548-4553	3.9	11
281	Complexes of Eu(III)(hfa) with a planar chiral P(III) ligand (Phanephos): solvent-sensitive sign inversion of circularly polarised luminescence. <i>Dalton Transactions</i> , 2017 , 46, 5170-5174	4.3	23
280	Circularly polarized luminescence from open- and closed-style axially chiral amphipathic binaphthyl fluorophores in water. <i>Tetrahedron</i> , 2017 , 73, 6856-6862	2.4	6
279	Creation and Controlling Asymmetric Small Molecules, Polymers, Colloids, and Small Objects Endowed with Polarized Light and Spin Polarized Particles. <i>Kobunshi Ronbunshu</i> , 2017 , 74, 114-133	0	2
278	Circularly Polarized Light with Sense and Wavelengths To Regulate Azobenzene Supramolecular Chirality in Optofluidic Medium. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13218-13226	16.4	114
277	Solvent-Sensitive Sign Inversion of Excimer Origin Circularly Polarized Luminescence in Bipyrenyl Peptides. <i>ChemistrySelect</i> , 2017 , 2, 7759-7764	1.8	19
276	The origin of bisignate circularly polarized luminescence (CPL) spectra from chiral polymer aggregates and molecular camphor: anti-Kasha rule revealed by CPL excitation (CPL) spectra. <i>Polymer Chemistry</i> , 2017 , 8, 4673-4679	4.9	40
275	Swapping Circularly Polarised Luminescence of Eu(III)-Binaphthyl Hybridized Luminophore with and without Oxymethylene Spacer. <i>ChemistrySelect</i> , 2017 , 2, 10317-10322	1.8	8
274	Polysilanes 2017 , 219-300		9
273	Solvent- and Substituent-Controlled Circularly Polarised Luminescence of C ₂ -symmetric Binaphthyl Fluorophores. <i>ChemistrySelect</i> , 2016 , 1, 3398-3404	1.8	9
272	Aggregation-Induced Chirogenesis of Luminescent Polymers. <i>ACS Symposium Series</i> , 2016 , 63-92	0.4	4
271	Cryptochiral binaphthylbipyrene luminophores linked with alkylene esters: intense circularly polarised luminescence, but ultraweak circular dichroism. <i>RSC Advances</i> , 2016 , 6, 99172-99176	3.7	16

270	Tempo-spatial chirogenesis. Limonene-induced mirror symmetry breaking of Si Si bond polymers during aggregation in chiral fluidic media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 331, 120-129	4.7	7
269	Aggregation-induced scaffolding: photoscissable helical polysilane generates circularly polarized luminescent polyfluorene. <i>Polymer Chemistry</i> , 2016 , 7, 4618-4629	4.9	37
268	Non-Classically Controlled Signs in a Circularly Polarised Luminescent Molecular Puppet: The Importance of the Wire Structure Connecting Binaphthyl and Two Pyrenes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 64-69	3.2	19
267	Can chiral P(III) coordinate Eu(III)? Unexpected solvent dependent circularly polarised luminescence of BINAP and Eu(III)(hfa) ₃ in chloroform and acetone. <i>RSC Advances</i> , 2016 , 6, 40219-40224	3.7	21
266	Solvent-controlled sign inversion of circularly polarized luminescent binaphthylacetic acid derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 331, 115-119	4.7	16
265	Supramolecular Chirality in Achiral Polyfluorene: Chiral Gelation, Memory of Chirality, and Chiral Sensing Property. <i>Macromolecules</i> , 2016 , 49, 3214-3221	5.5	76
264	Investigation of the Intra-CH/π Interaction in Dibromo-9,9'-dialkylfluorenes. <i>Crystal Growth and Design</i> , 2016 , 16, 6593-6599	3.5	12
263	Binaphthyl luminophores with triphenylsilyl groups: sign inversion of circularly polarized luminescence and circular dichroism. <i>Tetrahedron</i> , 2016 , 72, 7032-7038	2.4	15
262	Near-Ultraviolet Circular Dichroism of Achiral Phenolic Termini Induced by Nonchromophoric Poly(L,L-lactide) and Poly(D,D-lactide). <i>ACS Macro Letters</i> , 2016 , 5, 1014-1018	6.6	10
261	Peptide Magic: Interdistance-Sensitive Sign Inversion of Excimer Circularly Polarized Luminescence in Bipyrenyl Oligopeptides. <i>ChemistrySelect</i> , 2016 , 1, 831-835	1.8	18
260	Solid-state circularly polarised luminescence of atropisomeric fluorophores embedded in achiral myo-inositol-containing polyurethanes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2913-7	3.9	16
259	Photoexcited state chirality transfer. Hidden tunability of circularly polarized luminescent binaphthylanthracene tandem molecular systems. <i>RSC Advances</i> , 2015 , 5, 67449-67453	3.7	5
258	Circularly polarized luminescence of biaryl atropisomers: subtle but significant structural dependency. <i>RSC Advances</i> , 2015 , 5, 410-415	3.7	19
257	Visualizing spontaneous physisorption of non-charged π-conjugated polymers onto neutral surfaces of spherical silica in nonpolar solvents. <i>Polymer Journal</i> , 2015 , 47, 434-442	2.7	8
256	Circularly polarised luminescence and circular dichroism of L- and D-oligopeptides with multiple pyrenes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 11426-31	3.9	24
255	Synthesis of Well-Defined Oligo(2,5-dialkoxy-1,4-phenylene vinylene)s with Chiral End Groups: Unique Helical Aggregations Induced by the Chiral Chain Ends. <i>Chemistry - A European Journal</i> , 2015 , 21, 16764-8	4.8	8
254	Pyrene magic: chiroptical enciphering and deciphering 1,3-dioxolane bearing two wirepullings to drive two remote pyrenes. <i>Chemical Communications</i> , 2015 , 51, 8237-40	5.8	41
253	Circularly Polarized Luminescence of Chiral Binaphthyl with Achiral Terthiophene Fluorophores. <i>Chemistry Letters</i> , 2015 , 44, 598-600	1.7	13

252	A comparison of circularly polarised luminescent BINAP and BINAPO as chiral binaphthyl luminophores. <i>Tetrahedron</i> , 2015 , 71, 3985-3989	2.4	19
251	Photon magic: chiroptical polarisation, depolarisation, inversion, retention and switching of non-photochromic light-emitting polymers in optofluidic medium. <i>Polymer Chemistry</i> , 2015 , 6, 1627-1638	4.9	42
250	Gigantic chiroptical enhancements in polyfluorene copolymers bearing bulky neomenthyl groups: importance of alternating sequences of chiral and achiral fluorene units. <i>Polymer Chemistry</i> , 2014 , 5, 712-717	4.9	34
249	Nonclassical dual control of circularly polarized luminescence modes of binaphthyl-pyrene organic fluorophores in fluidic and glassy media. <i>Chemical Communications</i> , 2014 , 50, 13228-30	5.8	68
248	Supramolecular self-assembly and photovoltaic property of soluble fluorogallium phthalocyanine. <i>RSC Advances</i> , 2014 , 4, 29485-29492	3.7	3
247	Chiroptical generation and amplification of hyperbranched π -conjugated polymers in aggregation states driven by limonene chirality. <i>Polymer Chemistry</i> , 2014 , 5, 784-791	4.9	38
246	Limonene induced chiroptical generation and inversion during aggregation of achiral polyfluorene analogs: structure-dependence and mechanism. <i>Polymer Chemistry</i> , 2014 , 5, 5920-5927	4.9	45
245	Sign inversion of circularly polarized luminescence by geometry manipulation of four naphthalene units introduced into a tartaric acid scaffold. <i>Chemical Communications</i> , 2014 , 50, 12836-9	5.8	32
244	Chiral Optical Properties of Phenyloxazoline Derivatives that Appear Only in the Solid State. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 719-724	3.2	1
243	Creation of circularly polarized luminescence from an achiral polyfluorene derivative through complexation with helix-forming polysaccharides: importance of the meta-linkage chain for helix formation. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 218-22	4.5	63
242	Enhancing circularly polarised luminescence by extending the π -conjugation of axially chiral compounds. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 4342-6	3.9	26
241	Supramolecular Chirality: Solvent Chirality Transfer in Molecular Chemistry and Polymer Chemistry. <i>Symmetry</i> , 2014 , 6, 677-703	2.7	56
240	Chiral anthracene fluorescence system using achiral 1-naphthylmethylamine. <i>CrystEngComm</i> , 2013 , 15, 6259	3.3	1
239	Optically active conjugated polymer from solvent chirality transfer polymerization in monoterpenes. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1471-9	4.8	26
238	Preparation of a Spontaneously Resolved Chiral Fluorescent System Containing 4-(2-Arylethynyl)benzoic Acid. <i>Asian Journal of Organic Chemistry</i> , 2013 , 2, 681-687	3	3
237	Construction and characterization of molecular nonwoven fabrics consisting of cross-linked poly(β -methyl-L-glutamate). <i>Langmuir</i> , 2013 , 29, 7478-87	4	7
236	Solid-state circularly polarised luminescence and circular dichroism of viscous binaphthyl compounds. <i>RSC Advances</i> , 2013 , 3, 23508	3.7	22
235	Mirror symmetry breaking and restoration within β -sized polymer particles in optofluidic media by pumping circularly polarised light. <i>RSC Advances</i> , 2013 , 3, 5213	3.7	34

234	A comparison of circularly polarized luminescence (CPL) and circular dichroism (CD) characteristics of four axially chiral binaphthyl-2,2'-diyl hydrogen phosphate derivatives. <i>Tetrahedron</i> , 2013 , 69, 2753-2757	2.4	22
233	Dependence of circularly polarized luminescence due to the neighboring effects of binaphthyl units with the same axial chirality. <i>RSC Advances</i> , 2013 , 3, 6939	3.7	38
232	Chiral self-assembly of designed amphiphiles: influences on aggregate morphology. <i>Langmuir</i> , 2013 , 29, 10001-10	4	16
231	Intramolecular CH π interaction of Poly(9,9-dialkylfluorene)s in solutions: interplay of the fluorene ring and alkyl side chains revealed by 2D ^1H - ^1H NOESY NMR and 1D ^1H -NMR experiments. <i>Polymer Journal</i> , 2013 , 45, 1047-1057	2.7	8
230	Chiroptical inversion in helical Si-Si bond polymer aggregates. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13073-9	16.4	58
229	Time-resolved observation of chiral-index-selective wrapping on single-walled carbon nanotube with non-aromatic polysilane. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2374-83	16.4	21
228	Control of Solid-state Circularly Polarized Luminescence of Binaphthyl Organic Fluorophores through Environmental Changes. <i>Asian Journal of Organic Chemistry</i> , 2013 , 2, 404-410	3	51
227	Mirror-symmetry-breaking in poly[(9,9-di-n-octylfluorenyl-2,7-diyl)-alt-biphenyl] (PF8P2) is susceptible to terpene chirality, achiral solvents, and mechanical stirring. <i>Molecules</i> , 2013 , 18, 7035-57	4.8	26
226	Control of circularly polarized photoluminescent property via dihedral angle of binaphthyl derivatives. <i>Tetrahedron</i> , 2012 , 68, 4791-4796	2.4	50
225	Control of circularly polarized luminescence by using open- and closed-type binaphthyl derivatives with the same axial chirality. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2836-41	4.5	92
224	Optically active, lyotropic liquid crystalline poly(diphenylacetylene) derivative: hierarchical chiral ordering from isotropic solution to anisotropic solid films. <i>Chemical Communications</i> , 2012 , 48, 9275-7	5.8	18
223	Chiral self-assembly of designed amphiphiles: optimization for nanotube formation. <i>Langmuir</i> , 2012 , 28, 14172-9	4	15
222	Novel Means of Controlling the Solid-State Circular Dichroism Property in a Supramolecular Organic Fluorophore Comprising 4-[2-(Methylphenyl)ethynyl]benzoic Acid by Varying the Position of the Methyl Substituent. <i>Crystal Growth and Design</i> , 2012 , 12, 1859-1864	3.5	10
221	Asymmetrically tilted alignment of rigid-rod helical polysilanes on a rubbed polyimide surface. <i>Langmuir</i> , 2012 , 28, 4811-4	4	8
220	Air-stable poly(3,3,3-trifluoropropylsilyne) homo- and copolymers. <i>Polymer Chemistry</i> , 2012 , 3, 3256	4.9	4
219	Chiral optofluidics: gigantic circularly polarized light enhancement of all-trans-poly(9,9-di-n-octylfluorene-2,7-vinylene) during mirror-symmetry-breaking aggregation by optically tuning fluidic media. <i>RSC Advances</i> , 2012 , 2, 6663	3.7	40
218	Dependence of solid-state optical properties on binding groups in biphenyl acid/amine supramolecular organic complexes. <i>CrystEngComm</i> , 2012 , 14, 4819	3.3	5
217	Chiroptical generation and inversion during the mirror-symmetry-breaking aggregation of dialkylpolysilanes due to limonene chirality. <i>Chemical Communications</i> , 2012 , 48, 6636-8	5.8	77

216	Solvent-to-Polymer Chirality Transfer in Intramolecular Stack Structure. <i>Macromolecules</i> , 2012 , 45, 5379-5386	5.3	91
215	Nonclassical tunability of solid-state CD and CPL properties of a chiral 2-naphthalenecarboxylic acid/amine supramolecular organic fluorophore. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 360-6	4.5	27
214	Circularly Polarized Light Enhancement by Helical Polysilane Aggregates Suspension in Organic Optofluids. <i>Macromolecules</i> , 2011 , 44, 7511-7519	5.5	90
213	Green-and-red photoluminescence from SiSi and GeGe bonded network homopolymers and copolymers. <i>Polymer Chemistry</i> , 2011 , 2, 914	4.9	7
212	Olefin Polymerization by Half-Titanocenes Containing β -Pyrazolato Ligands/MAO Catalyst Systems. <i>Macromolecules</i> , 2011 , 44, 1986-1998	5.5	23
211	Piezochromic fluorescence in liquid crystalline conjugated polymers. <i>Chemical Communications</i> , 2011 , 47, 3526-8	5.8	29
210	Rational concept to recognize/extract single-walled carbon nanotubes with a specific chirality. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2651-7	16.4	110
209	Chiral supramolecular thiophene fluorophore consisting of thiophenecarboxylic acid derivatives. <i>Tetrahedron</i> , 2011 , 67, 7775-7779	2.4	6
208	Control of the solid-state chiral optical properties of a supramolecular organic fluorophore containing 4-(2-arylethynyl)-benzoic acid. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1092-8	4.5	50
207	Circularly Polarized Luminescence of Rhodamine B in a Supramolecular Chiral Medium Formed by a Vortex Flow. <i>Angewandte Chemie</i> , 2011 , 123, 12682-12685	3.6	36
206	Circularly polarized luminescence of rhodamine B in a supramolecular chiral medium formed by a vortex flow. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12474-7	16.4	126
205	Chiroptical nanofibers generated from achiral metallophthalocyanines induced by diamine homochirality. <i>Chemistry - A European Journal</i> , 2011 , 17, 10628-35	4.8	23
204	Effect of ligand substituents in olefin polymerisation by half-sandwich titanium complexes containing monoanionic iminoimidazolidide ligands-MAO catalyst systems. <i>Dalton Transactions</i> , 2011 , 40, 7842-9	4.3	24
203	A chiral β -stacked vinyl polymer emitting white circularly polarized light. <i>Chemical Communications</i> , 2011 , 47, 10996-8	5.8	59
202	Precise Synthesis of Poly(fluorene-2,7-vinylene)s Containing Oligo(thiophene)s at the Chain Ends: Unique Emission Properties by the End Functionalization. <i>Macromolecules</i> , 2011 , 44, 3705-3711	5.5	33
201	Evaluation of Global Conformation of Polydialkylsilane Using Correlation between Persistence Length and Excitonic Absorption. <i>Macromolecules</i> , 2011 , 44, 6568-6573	5.5	15
200	Fluorescent Viscosity Sensor Film of Molecular-Scale Porous Polymer with Intramolecular β -stack Structure. <i>Macromolecules</i> , 2011 , 44, 432-436	5.5	33
199	Unpolarized-Light-Driven Amplified Chiroptical Modulation Between Chiral Aggregation and Achiral Disaggregation of an Azobenzene-alt-Fluorene Copolymer in Limonene. <i>Macromolecules</i> , 2011 , 44, 5105-5111	5.5	108

198	Solid-state chiral optical properties of axially chiral binaphthyl acid derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 220, 134-138	4.7	18
197	Mirror Symmetry Breaking in Helical Polysilanes: Preference between Left and Right of Chemical and Physical Origin. <i>Symmetry</i> , 2010 , 2, 1625-1652	2.7	19
196	Anomalous thermotropic liquid crystalline phase behaviour in poly[n-decyl-(RS)-2-methylbutylsilane]s with narrow molecular weight distributions. <i>Liquid Crystals</i> , 2010 , 37, 1183-1190	2.3	7
195	Ambidextrous circular dichroism and circularly polarised luminescence from poly(9,9-di-n-decylfluorene) by terpene chirality transfer. <i>Polymer Chemistry</i> , 2010 , 1, 460-469	4.9	85
194	Monovalent Anion Indicator Based on Fluorescence Quenching of Helical Fluorinated Poly(dialkylsilanes). <i>Macromolecules</i> , 2010 , 43, 7919-7923	5.5	9
193	Substitution position effect on photoluminescence emission and chain conformation of poly(diphenylacetylene) derivatives. <i>Chemical Communications</i> , 2010 , 46, 6491-3	5.8	30
192	Control of solid-state chiral optical properties of a chiral supramolecular organic fluorophore consisting of 1-pyrenesulfonic acid and chiral amine molecules. <i>CrystEngComm</i> , 2010 , 12, 1688	3.3	7
191	Ambidextrous optically active copper(II) phthalocyanine supramolecules induced by peripheral group homochirality. <i>New Journal of Chemistry</i> , 2010 , 34, 2310	3.6	12
190	Limonene magic: noncovalent molecular chirality transfer leading to ambidextrous circularly polarised luminescent π -conjugated polymers. <i>New Journal of Chemistry</i> , 2010 , 34, 637	3.6	110
189	A Facile, Controlled Synthesis of Soluble Star Polymers Containing a Sugar Residue by Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecular Symposia</i> , 2010 , 293, 53-57	0.8	16
188	A 2D Layered Chiral Supramolecular Organic Fluorophore Composed of 1-Amino-2-indanol and Carboxylic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 1353-1357	3.2	7
187	Programmed High-Hole-Mobility Supramolecular Polymers from Disk-Shaped Molecules. <i>Advanced Functional Materials</i> , 2010 , 20, 3941-3947	15.6	17
186	Correlation of Intramolecular Excimer Emission with Lamellar Layer Distance in Liquid-Crystalline Polymers: Verification by the Film-Swelling Method. <i>Angewandte Chemie</i> , 2010 , 122, 1448-1451	3.6	3
185	Correlation of intramolecular excimer emission with lamellar layer distance in liquid-crystalline polymers: verification by the film-swelling method. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1406-9	16.4	66
184	Complexation Behavior of a Supramolecular Organic Fluorophore Prepared by Solid-State Co-Grinding Crystallization Using 2-Anthracenecarboxylic Acid and (R)-1-(2-Naphthyl)ethylamine and Its Optical Properties. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1335-1339	3.2	14
183	Solid-State Optical Properties of a Chiral Supramolecular Organic Fluorophore Consisting of Fluorescent 1-Pyrenesulfonic Acid and Amine Molecules. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3244-3248	3.2	8
182	Solid-State Chiral Supramolecular Organic Fluorophore Having a π -Conjugated Phenylene Ethynylene Unit. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5760-5764	3.2	19
181	Mirror symmetry breaking of silicon polymers--from weak bosons to artificial helix. <i>Chemical Record</i> , 2009 , 9, 271-98	6.6	41

180	Ethylene polymerization and ethylene/1-octene copolymerization using group 4 half-metallocenes containing aryloxo ligands, CpMCl ₂ (OAr) [M=Ti, Zr, Hf; Ar=O-2,6-R ₂ C ₆ H ₃ , R=tBu, Ph]MAO catalyst systems. <i>Journal of Molecular Catalysis A</i> , 2009 , 303, 102-109		13
179	Preparation of phthalocyanine ultrathin film via layer-by-layer assembly. <i>Thin Solid Films</i> , 2009 , 518, 625-628		5
178	Circularly Polarized Luminescence and Circular Dichroism from SiBi-Bonded Network Polymers. <i>Macromolecules</i> , 2009 , 42, 8062-8067	5.5	44
177	Facile Controlled Synthesis of Soluble Star Shape Polymers by Ring-Opening Metathesis Polymerization (ROMP). <i>Macromolecules</i> , 2009 , 42, 899-901	5.5	36
176	Full-Visible-Spectrum Emitters from Pyrolysis of Soluble SiBi Bonded Network Polymers. <i>Chemistry of Materials</i> , 2009 , 21, 2459-2466	9.6	22
175	Entropically-Driven Formation of Smectic A1, A2, and A3 phases in Binary Mixtures of Rigid-Rod Helical Polysilanes with Different Molecular Weights. <i>Macromolecules</i> , 2009 , 42, 3443-3447	5.5	19
174	Swelling-Induced Emission Enhancement in Substituted Acetylene Polymer Film with Large Fractional Free Volume: Fluorescence Response to Organic Solvent Stimuli. <i>Macromolecules</i> , 2009 , 42, 20-24	5.5	65
173	Tris(pyrazolyl)borate Ti(IV) Complexes Containing Phenoxy Ligands: Effective Catalyst Precursors for Ethylene Polymerization That Proceeds via Cationic Ti(IV) Species. <i>Organometallics</i> , 2009 , 28, 1942-1949	3.8	18
172	Poly(fluoroalkylsilane-b-dialkylsilane)-based chemosensory material for fluoride with high sensitivity, selectivity and solubility. <i>Synthetic Metals</i> , 2009 , 159, 784-787	3.6	2
171	Circularly polarized luminescence from chiral Eu(III) Complex with high emission quantum yield. <i>Journal of Alloys and Compounds</i> , 2009 , 488, 599-602	5.7	20
170	Copolymerization of Ethylene with α Olefins Containing Various Substituents Catalyzed by Half-Titanocenes: Factors Affecting the Monomer Reactivities. <i>Macromolecules</i> , 2009 , 42, 4585-4595	5.5	37
169	Notable Effect of Fluoro Substituents in the Imino Group in Ring-Opening Polymerization of ϵ Caprolactone by Al Complexes Containing Phenoxyimine Ligands. <i>Organometallics</i> , 2009 , 28, 2179-2187 ^{3.8}		102
168	Effect of aryloxo substituents in ethylene polymerisation by tris(pyrazolyl)borate titanium(IV) complexes containing aryloxo ligands of type, TpTiCl ₂ (OAr). <i>Dalton Transactions</i> , 2009 , 9052-7	4.3	10
167	Circularly polarized luminescence of Eu(III) complexes with point- and axis-chiral ligands dependent on coordination structures. <i>Inorganic Chemistry</i> , 2009 , 48, 11242-50	5.1	86
166	Circularly Polarized Luminescence from Supramolecular Chiral Complexes of Achiral Conjugated Polymers and a Neutral Polysaccharide. <i>Chemistry Letters</i> , 2009 , 38, 254-255	1.7	83
165	Chemical Degelation of Polysilane Organogel by Selective Scission of Silicon Main Chain by Fluoride Anion. <i>Chemistry Letters</i> , 2009 , 38, 414-415	1.7	2
164	Stiffness- and conformation-dependent polymer wrapping onto single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16697-703	16.4	67
163	Preparation of a spontaneous resolution chiral fluorescent system using 2-anthracenecarboxylic acid. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3471-5	3.9	17

162	Multiple molecular response columnar host system composed of rac-2-amino-1,2-diphenylethanol and 1-fluorene-carboxylic acid. <i>CrystEngComm</i> , 2008 , 10, 951	3.3	23
161	Polysilanes on surfaces. <i>Soft Matter</i> , 2008 , 4, 211-223	3.6	23
160	Polyfluorene nano-rings and nano-dots on mica surfaces: evaporation-induced polymer self-assembly and photoluminescence properties of the assemblies. <i>Soft Matter</i> , 2008 , 4, 2396	3.6	16
159	Control of circularly polarized luminescence (CPL) properties by supramolecular complexation. <i>New Journal of Chemistry</i> , 2008 , 32, 1110	3.6	32
158	Syntheses of Various (Arylimido)vanadium(V) Dialkyl Complexes Containing Aryloxo and Alkoxo Ligands, and Ring-Opening Metathesis Polymerization Using a Vanadium(V) Alkylidene Complex. <i>Organometallics</i> , 2008 , 27, 3818-3824	3.8	56
157	Multiblock Polysilane Copolymers: One-Pot Wurtz Synthesis, Fluoride Anion-Induced Block-Selective Scission Experiments, and Spectroscopic Characterization. <i>Macromolecules</i> , 2008 , 41, 1952-1960	5.5	17
156	Exclusive End Functionalization of all-trans-Poly(fluorene vinylene)s Prepared by Acyclic Diene Metathesis Polymerization: Facile Efficient Synthesis of Amphiphilic Triblock Copolymers by Grafting Poly(ethylene glycol). <i>Macromolecules</i> , 2008 , 41, 4245-4249	5.5	40
155	Selective Formation and Optical Property of a 21-Helical Columnar Fluorophore Composed of Achiral 2-Anthracene-carboxylic Acid and Benzylamine. <i>Crystal Growth and Design</i> , 2008 , 8, 3376-3379	3.5	24
154	Alkyl Side-Chain Length Effects on Fluorescence Dynamics, Lamellar Layer Structures, and Optical Anisotropy of Poly(diphenylacetylene) Derivatives. <i>Macromolecules</i> , 2008 , 41, 2743-2746	5.5	54
153	Direct Precise Functional Group Introduction into Polyolefins: Efficient Incorporation of Vinyltrialkylsilanes in Ethylene Copolymerizations by Nonbridged Half-Titanocenes. <i>Macromolecules</i> , 2008 , 41, 8974-8976	5.5	32
152	Orientalional and Structural Transitions of Semiflexible Polysilanes on the Surfaces. <i>Kobunshi Ronbunshu</i> , 2008 , 65, 199-207	0	1
151	Nonclassical forces: Seemingly insignificant but a powerful tool to control macromolecular structures. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4637-4650	2.5	19
150	Luminous, fully aliphatic polyamides: Multicolor photoluminescence, their pH and solvent dependency. <i>European Polymer Journal</i> , 2008 , 44, 1149-1156	5.2	7
149	Ring-opening polymerization of various cyclic esters by Al complex catalysts containing a series of phenoxy-imine ligands: Effect of the imino substituents for the catalytic activity. <i>Journal of Molecular Catalysis A</i> , 2008 , 292, 67-75		83
148	Polysilane Organogel with Hierarchical Structures Formed by Weak Intra-/Inter-chain Si/FC and van der Waals Interactions. <i>Polymer Journal</i> , 2008 , 40, 317-326	2.7	7
147	Synthesis and Structural Analysis of (Arylimido)vanadium(V) Complexes Containing Phenoxyimine Ligands: New, Efficient Catalyst Precursors for Ethylene Polymerization. <i>Organometallics</i> , 2008 , 27, 2590-2596	3.8	67
146	Polar Laser Dyes Dispersed in Polymer Matrices: Reverification of Charge Transfer Character and New Optical Functions. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1753-1756	1.4	14
145	Poly(diphenylacetylene) Bearing Long Alkyl Side Chain via Silylene Linkage: Its Lyotropic Liquid Crystallinity and Optical Anisotropy. <i>Chemistry of Materials</i> , 2007 , 19, 3654-3661	9.6	58

144	Facile, efficient functionalization of polyolefins via controlled incorporation of terminal olefins by repeated 1,7-octadiene insertion. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14170-1	16.4	70
143	Synthesis of Various (Arylimido)vanadium(V)Methyl Complexes Containing Ketimide Ligands and Reactions with Alcohols, Thiols, and Borates: Implications for Unique Reactivity toward Alcohols. <i>Organometallics</i> , 2007 , 26, 2579-2588	3.8	25
142	Instantaneous inclusion of a polynucleotide and hydrophobic guest molecules into a helical core of cationic beta-1,3-glucan polysaccharide. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3979-88	16.4	69
141	Switching in Orientation of Macromolecular Helical Rod Silicon on the Solid Surfaces. <i>Macromolecules</i> , 2007 , 40, 648-652	5.5	11
140	Effect of Cyclopentadienyl and Anionic Donor Ligands on Monomer Reactivities in Copolymerization of Ethylene with 2-Methyl-1-pentene by Nonbridged Half-Titanocenes Catalyst Systems. <i>Macromolecules</i> , 2007 , 40, 6489-6499	5.5	49
139	Circularly polarized luminescence of a fluorescent chiral binaphthylene-perylenebiscarboxydiimide dimer. <i>ChemPhysChem</i> , 2007 , 8, 1465-8	3.2	98
138	Solid-state optical properties of a chiral supramolecular fluorophore consisting of chiral (1R,2R)-1,2-diphenylethylenediamine and fluorescent carboxylic acid derivatives. <i>Tetrahedron Letters</i> , 2007 , 48, 2927-2930	2	35
137	Efficient ring-opening metathesis polymerization of norbornene by vanadium-alkylidenes generated in situ from V(NAr)Cl ₂ (L) (L: ketimide, aryloxo). <i>Journal of Molecular Catalysis A</i> , 2007 , 275, 1-8		23
136	Helix Generation, Amplification, Switching, and Memory of Chromophoric Polymers. <i>Topics in Current Chemistry</i> , 2007 , 119-186		46
135	Highly Organized Phthalocyanine Assembly onto Gold Surface through Spontaneous Polymerization. <i>Chemistry Letters</i> , 2007 , 36, 304-305	1.7	5
134	Energy Transfer from Locally Excited π to Charge Transfer Ground States in a Silylene Hetero-Junction Polymer. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1561-1564	4.8	4
133	Back Cover: Macromol. Rapid Commun. 18/2006. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1616-1616		1616
132	Mono- and Multicolor FL Image Patterning Based on Highly Luminous Diphenylacetylene Polymer Derivative by Facile Photobleaching. <i>Macromolecules</i> , 2006 , 39, 319-323	5.5	50
131	Notable norbornene (NBE) incorporation in ethylene-NBE copolymerization catalysed by nonbridged half-titanocenes: better correlation between NBE incorporation and coordination energy. <i>Chemical Communications</i> , 2006 , 2659-61	5.8	76
130	Switching in molecular shapes: main chain length driven rod-circle transition of isolated helical polysilanes. <i>Chemical Communications</i> , 2006 , 2705-7	5.8	24
129	Polymerization of 1,5-Hexadiene by Half-TitanocenesMAO Catalyst Systems: Factors Affecting the Selectivity for the Favored Repeated 1,2-Insertion. <i>Macromolecules</i> , 2006 , 39, 4009-4017	5.5	32
128	Nanoporous, Honeycomb-Structured Network Fibers Spun from Semiflexible, Ultrahigh Molecular Weight, Disubstituted Aromatic Polyacetylenes: Superhierarchical Structure and Unique Optical Anisotropy. <i>Chemistry of Materials</i> , 2006 , 18, 5537-5542	9.6	49
127	Temperature-Dependent, Static, and Dynamic Fluorescence Properties of Disubstituted Acetylene Polymer Films. <i>Chemistry of Materials</i> , 2006 , 18, 2081-2085	9.6	41

126	Circular dichroism of optically active poly(dialkylsilane) aggregates in microcapsules. <i>Langmuir</i> , 2006 , 22, 7975-80	4	12
125	Weak noncovalent Si-F-C interactions stabilized fluoroalkylated rod-like polysilanes as ultrasensitive chemosensors. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5060-5075	2.5	28
124	Polyacetylene Intermediate Bearing Reactive Benzylidene Malonate: Helix Induction, Inversion, and Recovery by Tandem Michael and Amidation Reactions with Chiral Nucleophiles and Water. <i>Polymer Journal</i> , 2006 , 38, 976-982	2.7	2
123	Preparation and Properties of Luminous Network Aliphatic Polyester Film via Thermally Reactive Processing. <i>Macromolecules</i> , 2005 , 38, 4169-4175	5.5	8
122	Copolymerization of ethylene with cyclohexene (CHE) catalyzed by nonbridged half-titanocenes containing aryloxo ligand: notable effect of both cyclopentadienyl and anionic donor ligand for efficient CHE incorporation. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4582-3	16.4	102
121	Oligosilane-nanofibers can be prepared through fabrication of permethyldecasilane within a helical superstructure of schizophyllan. <i>Organic Letters</i> , 2005 , 7, 5605-8	6.2	29
120	A Vanadium(V) Alkylidene Complex Exhibiting Remarkable Catalytic Activity for Ring-Opening Metathesis Polymerization (ROMP). <i>Organometallics</i> , 2005 , 24, 2248-2250	3.8	99
119	Efficient Incorporation of 2-Methyl-1-pentene in Copolymerization of Ethylene with 2-Methyl-1-pentene Catalyzed by Nonbridged Half-Titanocenes. <i>Macromolecules</i> , 2005 , 38, 2053-2055	5.5	61
118	Programmed hyperhelical supramolecular assembly of nickel phthalocyanine bearing enantiopure 1-(p-tolyl)ethylaminocarbonyl groups. <i>Langmuir</i> , 2005 , 21, 3957-62	4	38
117	Fluoroalkylated Polysilane Film as a Chemosensor for Explosive Nitroaromatic Compounds. <i>Chemistry of Materials</i> , 2005 , 17, 2181-2185	9.6	74
116	Precise Synthesis of Amphiphilic Polymeric Architectures by Grafting Poly(ethylene glycol) to End-Functionalized Block ROMP Copolymers. <i>Macromolecules</i> , 2005 , 38, 1075-1083	5.5	61
115	Effect of Cyclopentadienyl Fragment in Copolymerization of Ethylene with Cyclic Olefins Catalyzed by Non-Bridged (Aryloxo)(cyclopentadienyl)titanium(IV) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 433-446	5.6	64
114	Novel Approach for Biofouling-Release Materials with Interpenetrating Polymer Networks. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 897, 1		
113	Novel Strategy for Antifouling Paints with Zero Endocrine Disrupting Chemical (EDC) Elution based on Interpenetrating Polymer Networks (IPNs). <i>Materials Research Society Symposia Proceedings</i> , 2005 , 873, 1		
112	First observation of a smectic A _h olesteric phase transition in a thermotropic liquid crystal consisting of a rigid-rod helical polysilane. <i>Liquid Crystals</i> , 2004 , 31, 279-283	2.3	15
111	Effect of Cyclopentadienyl and Anionic Ancillary Ligand in Syndiospecific Styrene Polymerization Catalyzed by Nonbridged Half-Titanocenes Containing Aryloxo, Amide, and Anilide Ligands: Cocatalyst Systems. <i>Macromolecules</i> , 2004 , 37, 5520-5530	5.5	51
110	Synthesis of homopolymers and multiblock copolymers by the living ring-opening metathesis polymerization of norbornenes containing acetyl-protected carbohydrates with well-defined ruthenium and molybdenum initiators. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4248-4265	2.5	33
109	Spectroscopic evidence for diastereomeric helical segments of polysilane bearing enantiopure (S)- and (R)-3,7-dimethyloctyl groups. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4518-4527	2.5	5

108	Versatile Helical Polymer Films: Chiroptical Inversion Switching and Memory with Re-Writable (RW) and Write-Once Read-Many (WORM) Modes. <i>Advanced Materials</i> , 2004 , 16, 1645-1650	24	66
107	Living Ring-Opening Metathesis Polymerization of Norbornenes Containing Acetyl-Protected Carbohydrates Using Well-Defined Molybdenum and Ruthenium Initiators. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 571-576	4.8	14
106	Ethylene Polymerization Catalyzed by Titanium(IV) Complexes of a Triaryloxoamine Ligand [TiX{(OArCH ₂) ₃ N}]. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 504-507	4.8	34
105	Highly Sensitive and Selective Fluoride Ion Chemosensing, Fluoroalkylated Polysilane. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1771-1775	4.8	32
104	Chirality in the Polysilanes. <i>Topics in Stereochemistry</i> , 2004 , 209-280		6
103	Olefin polymerization by (cyclopentadienyl)(ketimide)titanium(IV) complexes of the type, Cp ⁺ TiCl ₂ (N ⁻ CtBu ₂)-methylaluminoxane (MAO) catalyst systems. <i>Journal of Molecular Catalysis A</i> , 2004 , 220, 133-144		89
102	Facile Preparation of Transparent, Homogeneous, Fluorescent Gel Film Based on π -Conjugated, Hyperbranched Polymer with Siloxane Linkages by Means of Hydrosilylation and Aerial Oxidation. <i>Chemistry of Materials</i> , 2004 , 16, 781-785	9.6	24
101	Polymerization of 1,5-Hexadiene by the Nonbridged Half-Titanocene Complex/MAO Catalyst System: Remarkable Difference in the Selectivity of Repeated 1,2-Insertion. <i>Macromolecules</i> , 2004 , 37, 1693-1695	5.5	39
100	Small-Angle X-Ray Analysis of Smectic a Cholesteric Liquid Crystal Phase Transition in Rigid-Rod Helical Polysilane. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 419, 57-68	0.5	7
99	Cooperative C-F...Si interaction in optically active helical polysilanes. <i>Chemical Communications</i> , 2004 , 538-9	5.8	27
98	Room-temperature one-step immobilization of rod-like helical polymer onto hydrophilic substrates. <i>Chemical Communications</i> , 2004 , 276-7	5.8	12
97	Colored and Luminous Aliphatic Polyester via One-Pot Intra- and Intermolecular Knoevenagel Reactions. <i>Macromolecules</i> , 2004 , 37, 2021-2025	5.5	24
96	Spectroscopic Evidence of Si-H End Groups in Dialkylpolysilanes Synthesized via Wurtz Coupling. <i>Macromolecules</i> , 2004 , 37, 367-370	5.5	32
95	Versatile and Facile Preparation of Chiral Polyacetylene-Based Gel Film and Organic/Inorganic Composites. <i>Chemistry of Materials</i> , 2004 , 16, 1864-1868	9.6	9
94	Thermally Driven Chiroptical Switching of a Polysilane Thin Film. <i>Macromolecules</i> , 2004 , 37, 4321-4324	5.5	18
93	Helical Shape Memory of Screw-Sense Switchable Polysilanes in Cast Films. <i>Chemistry of Materials</i> , 2004 , 16, 3919-3923	9.6	25
92	Novel Molecular Weight and Solvatochromisms in Poly(methyl-3,3,3-trifluoropropylsilane) Induced by Cooperative Through-Space Si...F Interactions. <i>Macromolecules</i> , 2004 , 37, 5873-5879	5.5	23
91	Dynamic Fluoride Anion Coordinating Si-Containing π -Conjugating Polymers. <i>Macromolecules</i> , 2004 , 37, 2422-2426	5.5	14

90	Solvent and temperature effects on the chiral aggregation of optically active poly(dialkylsilane)s confined in microcapsules. <i>Langmuir</i> , 2004 , 20, 306-8	4	9
89	Conformation of a Polyfluorene Derivative in Solution. <i>Macromolecules</i> , 2004 , 37, 6183-6188	5.5	34
88	Effects of cyclopentadienyl fragment in ethylene, 1-hexene, and styrene polymerizations catalyzed by half-titanocenes containing ketimide ligand of the type, Cp ⁺ TiCl ₂ (N ⁻ CtBu ₂). <i>Catalysis Communications</i> , 2004 , 5, 413-417	3.2	39
87	Helical Polymer Command Surface: Thermally Driven Chiroptical Transfer and Amplification in Binary Polysilane Film System. <i>Macromolecules</i> , 2004 , 37, 3081-3083	5.5	56
86	Optically Active Polysilanes. Ten Years of Progress and New Polymer Twist for Nanoscience and Nanotechnology. <i>Polymer Journal</i> , 2003 , 35, 297-344	2.7	137
85	The double N-arylation of primary amines: toward multisubstituted carbazoles with unique optical properties. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2051-3	16.4	153
84	The Christiansen effect of brightly colored colloidal dispersion with an amphiphilic polymer. <i>Journal of Colloid and Interface Science</i> , 2003 , 263, 473-7	9.3	9
83	The first optically active polygermanes: preferential screw sense helicity of enantiopure chiral-substituted aryl polygermanes and comparison with analogous polysilanes. <i>Journal of Organometallic Chemistry</i> , 2003 , 685, 44-50	2.3	19
82	Switching handedness in optically active polysilanes. <i>Journal of Organometallic Chemistry</i> , 2003 , 685, 15-34	2.3	71
81	Molecular properties of helical polysilylenes in solution. <i>Polymer</i> , 2003 , 44, 5477-5495	3.9	57
80	Conformational Studies on an Optically Active 1,4-Polyketone in Solution. <i>Macromolecules</i> , 2003 , 36, 6884-6887	5.5	14
79	The First Optically Active Polycarbazoles. <i>Macromolecules</i> , 2003 , 36, 6956-6958	5.5	38
78	Efficient Ethylene/Norbornene Copolymerization by (Aryloxo)(indenyl)titanium(IV) Complexes/MAO Catalyst System. <i>Macromolecules</i> , 2003 , 36, 3797-3799	5.5	102
77	Control of chiral ordering in aggregated poly[3-(S)-[2-methylbutyl]thiophene] by a doping-dedoping process. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7878-81	16.4	16
76	Effect of aryloxo ligand for ethylene polymerization by (arylimido)(aryloxo)vanadium(V) complexes/MAO catalyst systems: attempt for polymerization of styrene. <i>Catalysis Communications</i> , 2003 , 4, 159-164	3.2	39
75	Alkyl side chain effects of optically active polyfluorenes on their chiroptical absorption and emission properties. <i>Polymer</i> , 2002 , 43, 6213-6220	3.9	42
74	Thermo-driven chiroptical switching polysilane featuring 2-cyclopentylethyl side group. <i>Silicon Chemistry</i> , 2002 , 1, 67-72		10
73	Heteroatom Polysilylenes. <i>Silicon Chemistry</i> , 2002 , 1, 77-87		15

72	Conformational Fluctuations of Helical Poly(dialkyl silylene)s in Solution. <i>Macromolecules</i> , 2002 , 35, 2141-2148	15	148	19
71	Well-Defined Phase Sequence Including Cholesteric, Smectic A, and Columnar Phases Observed in a Thermotropic LC System of Simple Rigid-Rod Helical Polysilane. <i>Macromolecules</i> , 2002 , 35, 4556-4559	5.5		55
70	Chiroptical Properties of Poly{3,4-bis[(S)-2-methyloctyl]thiophene}. <i>Macromolecules</i> , 2002 , 35, 941-944	5.5		47
69	Supramolecular chirogenesis in zinc porphyrins: equilibria, binding properties, and thermodynamics. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2993-3006		16.4	67
68	Dynamics of Charge Carriers on Poly[bis(p-alkylphenyl)silane]s by Electron Beam Pulse Radiolysis. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 6849-6852		3.4	23
67	Thermally Driven Conformational Transition of Optically Active Poly[2,7-(9,9-bis[(S)-2-methyloctyl])fluorene] in Solution. <i>Macromolecules</i> , 2002 , 35, 6439-6445		5.5	51
66	The First High Molecular Weight Poly(N-alkyl-3,6-carbazole)s. <i>Macromolecules</i> , 2002 , 35, 1988-1990		5.5	126
65	On the Composition-Driven Helical Screw-Sense Inversion of Chiral/achiral Random Copolymers. <i>Macromolecules</i> , 2002 , 35, 5355-5357		5.5	27
64	A New Screw-Sense Switchable Polysilylene with Quantized and Superposed Helicities. <i>Chemistry Letters</i> , 2001 , 30, 1218-1219		1.7	4
63	First Observation of Thermotropic Cholesteric Liquid Crystal in Helical Polysilane. <i>Polymer Journal</i> , 2001 , 33, 495-497		2.7	60
62	Synthesis and Molecular Weight Dependent Optical Properties of Mono-Alkoxy Substituted Polythiophenes. <i>Polymer Journal</i> , 2001 , 33, 597-601		2.7	12
61	Optically Active Polysilylenes: State-of-the-Art Chiroptical Polymers. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 539-563		4.8	237
60	Experimental Tests of Parity Violation at Helical Polysilylene Level. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 669-674		4.8	24
59	Nearly pure blue photoluminescent poly(2,7-(9,9-bis(3,5-bis(benzyloxy)benzyloxy)benzyl)-9-(3,6-dioxaoctyl))fluorene) in film. <i>Chemical Communications</i> , 2001 , 2426-7		5.8	36
58	Computing handedness: quantized and superposed switch and dynamic memory of helical polysilylene. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6253-61		16.4	81
57	Transfer and amplification of chiral molecular information to polysilylene aggregates. <i>Journal of the American Chemical Society</i> , 2001 , 123, 4847-8		16.4	124
56	Stiffness of Polysilylenes Depending Remarkably on a Subtle Difference in Chiral Side Chain Structure: Poly{n-hexyl-[(S)-2-methylbutyl]silylene} and Poly{n-hexyl-[(S)-3-methylpentyl]silylene}. <i>Macromolecules</i> , 2001 , 34, 2682-2685		5.5	24
55	Origin of Broad Visible Photoluminescence from Poly(alkylarylsilylene) Derivatives. <i>Macromolecules</i> , 2001 , 34, 2630-2634		5.5	20

54	Solvent and temperature effects on the chiral aggregation of poly(alkylarylsilane)s bearing remote chiral groups. <i>Journal of the American Chemical Society</i> , 2001 , 123, 1963-9	16.4	86
53	Precise Control of Optical Properties and Global Conformations by Marked Substituent Effects in Poly(alkyl(methoxyphenyl)silane) Homo- and Copolymers. <i>Macromolecules</i> , 2001 , 34, 7558-7564	5.5	15
52	Synthesis and Spectroscopic Characterization of Heteroatom Polysilylenes: Poly(dialkoxysilylene)s and Evidence for Silicon-Oxygen Mixing Interaction. <i>Macromolecules</i> , 2001 , 34, 706-712	5.5	38
51	Conformational Transitions in Poly{n-hexyl-[(S)-3-methylpentyl]silylene} in Dilute Solution: Temperature and Molecular Weight Dependence Detected by Circular Dichroism. <i>Macromolecules</i> , 2001 , 34, 6519-6525	5.5	25
50	Chain-Stiffness and Lyotropic Liquid Crystallinity of Polysilylene Bearing (S)-2-Methylbutyl and n-Decyl Substituents. <i>Macromolecules</i> , 2001 , 34, 7899-7904	5.5	26
49	Cooperative Helical Order in Optically Active Poly(diarylsilylenes). <i>Macromolecules</i> , 2001 , 34, 1082-1089	5.5	42
48	Cooperative Preferential Helical Ordering in Poly(alkylarylsilylene) Copolymers. <i>Macromolecules</i> , 2001 , 34, 640-644	5.5	23
47	Interplay of the main chain, chiral side chains, and solvent in conformational transitions: poly([(R)-3,7-dimethyloctyl]-[(S)-3-methylpentyl]silylene). <i>Journal of the American Chemical Society</i> , 2001 , 123, 12303-10	16.4	38
46	Temperature and Solvent Dependence of Stiffness of Poly{n-hexyl-[(S)-3-methylpentyl]silylene} in Dilute Solutions. <i>Macromolecules</i> , 2001 , 34, 4519-4525	5.5	32
45	One-Dimensional Silicon Chain Architecture: Molecular Dot, Rope, Octopus, and Toroid. <i>Advanced Materials</i> , 2000 , 12, 1033-1036	24	36
44	Helix Magic. Thermo-Driven Chiroptical Switching and Screw-Sense Inversion of Flexible Rod Helical Polysilylenes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 3336-3343	16.4	188
43	Temperature Effect on Supramolecular Chirality Induction in Bis(zinc porphyrin). <i>Journal of the American Chemical Society</i> , 2000 , 122, 4403-4407	16.4	88
42	Temperature-dependent helix-helix transition of an optically active poly(diarylsilylene). <i>Chemical Communications</i> , 2000 , 389-390	5.8	46
41	Isochromism and Increase in Fluorescence Quantum Yield of an Ether-Substituted Polysilylene upon Adding Lithium Ions in Solution. <i>Macromolecules</i> , 2000 , 33, 1503-1504	5.5	7
40	Synthesis and Structure-Property-Functionality Relationship of Optically Active Polysilanes.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2000 , 58, 1178-1188	0.2	1
39	Optically Active Silicon-Containing Polymers 2000 , 643-665		7
38	Suppression of the Anderson localization of charge carriers on polysilane quantum wire. <i>Chemical Physics Letters</i> , 1999 , 306, 275-279	2.5	23
37	Helical Poly(alkylalkoxyphenylsilane)s Bearing Enantiopure Chiral Groups on the Phenyl Rings. <i>Macromolecules</i> , 1999 , 32, 7707-7709	5.5	28

36	First Optically Active Diarylpolysilanes: Facile Helical Screw Sense Control with Only (S)-Enantiopure Side Chains. <i>Journal of the American Chemical Society</i> , 1999 , 121, 9734-9735	16.4	50
35	Experimental Evidence for Helical Conformation of Poly(methylphenylsilylene) in Solution. <i>Chemistry Letters</i> , 1999 , 28, 699-700	1.7	17
34	End-Grafted Semiconducting Polymer Candidate for Molecular Wire. <i>Materials Research Society Symposia Proceedings</i> , 1999 , 582, 1		
33	Photoluminescence and absorption spectra of poly(pentylphenylsilylene). Absence of broad photoluminescence of poly(alkylaryl)silylene) around 2.7 eV. <i>Chemical Physics Letters</i> , 1998 , 293, 38-42	2.5	17
32	Near-UV, circular dichroism, and fluorescence spectra of a rigid rodlike helical polysilane bearing trietheral moiety in ethanol/water. <i>Chirality</i> , 1998 , 10, 667-75	2.1	36
31	Near-ultraviolet electroluminescence from polysilanes. <i>Thin Solid Films</i> , 1998 , 331, 64-70	2.2	36
30	Near-ultraviolet light-emitting diodes based on σ -conjugated linear silicon-backbone polymers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 1998 , 4, 129-136	3.8	39
29	Electroluminescent Properties of Dialkyl Substituted Polysilanes. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 315, 205-210		7
28	Direct Observation of Helical Polysilane Nanostructures by Atomic Force Microscopy. <i>Japanese Journal of Applied Physics</i> , 1997 , 36, L1211-L1213	1.4	42
27	Room-temperature near-ultraviolet electroluminescence from a linear silicon chain. <i>Applied Physics Letters</i> , 1997 , 71, 3326-3328	3.4	69
26	Electroluminescent characteristics of one-dimensional silicon chains in dialkyl polysilanes. <i>Synthetic Metals</i> , 1997 , 89, 221-225	3.6	22
25	Estimation of polysilane band gaps by fractional dimensional theory. <i>Solid State Communications</i> , 1997 , 103, 87-89	1.6	9
24	A Correlation between Global Conformation of Polysilane and UV Absorption Characteristics. <i>Journal of the American Chemical Society</i> , 1996 , 118, 7424-7425	16.4	114
23	σ -Conjugation in a Periodic Polycarbosilane, Poly[1,1,2,2-tetramethyldisilylene)methylene]. <i>Macromolecules</i> , 1995 , 28, 4733-4735	5.5	17
22	Photoelectron spectroscopy of polysilanes, polygermanes and related compounds. <i>Synthetic Metals</i> , 1995 , 69, 595-596	3.6	19
21	Photocreated metastable states in polysilanes. <i>Physical Review B</i> , 1994 , 50, 5171-5179	3.3	33
20	Effect of main chain length in the exciton spectra of helical-rod polysilanes as a model of a 5 nm wide quantum wire. <i>Applied Physics Letters</i> , 1994 , 65, 3251-3253	3.4	47
19	Ideal Exciton Spectra in Single- and Double-Screw-Sense Helical Polysilanes. <i>Journal of the American Chemical Society</i> , 1994 , 116, 6017-6018	16.4	145

18	Optically Active Polysilane Homopolymer: Spectroscopic Evidence of Double-Screw-Sense Helical Segmentation and Reconstruction of a Single-Screw-Sense Helix by the "Cut-and-Paste" Technique. <i>Journal of the American Chemical Society</i> , 1994 , 116, 11976-11981	16.4	111
17	Preparation and characterization of a novel organopolysilane. (3,3,3-Trifluoropropyl)methylpolysilane. <i>Macromolecules</i> , 1992 , 25, 1079-1083	5.5	38
16	Structural defects in poly (methylphenylsilylene). <i>Chemical Physics Letters</i> , 1992 , 198, 177-182	2.5	63
15	A new type of inorganic polymer with ordered SiSiGe sequences. <i>Macromolecules</i> , 1991 , 24, 2647-2648	5.5	13
14	Preparation and electrical properties of lightly substituted phthalocyanine Langmuir-Blodgett films. <i>Langmuir</i> , 1988 , 4, 320-326	4	56
13	In-plane dichroisms of phthalocyanine Langmuir-Blodgett films. <i>Langmuir</i> , 1988 , 4, 1123-1128	4	48
12	Self-assembling features of soluble nickel phthalocyanines. <i>The Journal of Physical Chemistry</i> , 1988 , 92, 1281-1285		75
11	Preparation of a High-TcY-Ba-Cu-O Superconductor Using Colloidal Methods. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L1159-L1160	1.4	14
10	Direct Patterning and Electrical Properties of Phthalocyanines Thin Films Prepared by Langmuir-Blodgett and Spin Cast Techniques. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, 1224-1229	1.4	17
9	TTF-TCNQ Langmuir-Blodgett films. <i>Synthetic Metals</i> , 1987 , 18, 815-820	3.6	9
8	New tetrapyrrolic macrocycle: .alpha.,.beta.,.gamma.-triazatetrabenzcorrole. <i>Journal of the American Chemical Society</i> , 1986 , 108, 1532-1536	16.4	68
7	Direct Pattern Fabrication of Substituted Phthalocyanine Films. <i>Japanese Journal of Applied Physics</i> , 1985 , 24, L685-L686	1.4	8
6	Light Scattering Study on the Structure of Pure Polystyrene. <i>Polymer Journal</i> , 1984 , 16, 609-617	2.7	1
5	Light Scattering Study on the Structure of Pure Poly(methyl methacrylate). <i>Polymer Journal</i> , 1983 , 15, 693-698	2.7	9
4	Low-loss plastic optical fibers. <i>Applied Optics</i> , 1981 , 20, 2886-8	1.7	46
3	Low-loss polystyrene core-optical fibers. <i>Journal of Applied Physics</i> , 1981 , 52, 7061-7063	2.5	49
2	Helical Polymer-Based Supramolecular Films159-194		
1	Mirror-Image Cofacial Coronene Dimers Characterized by CD and CPL Spectroscopy: A Twisted Bilayer Nanographene. <i>ChemPhotoChem</i> ,	3.3	1

