

Mikael Lindgren

List of Publications by Year in Descending Order

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

184
papers

4,298
citations

35
h-index

57
g-index

197
ext. papers

4,657
ext. citations

3.9
avg, IF

5.06
L-index

#	Paper	IF	Citations
184	Synthesis and in vitro evaluation of a novel thienopyrimidine with phototoxicity towards rat glioma F98 cells. <i>Journal of Photochemistry and Photobiology</i> , 2022 , 10, 100114	0.8	0
183	Tau Protein Binding Modes in Alzheimer's Disease for Cationic Luminescent Ligands. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 11628-11636	3.4	0
182	Degradation of insulin amyloid by antibiotic minocycline and formation of toxic intermediates. <i>Scientific Reports</i> , 2021 , 11, 6857	4.9	2
181	Structural, Photophysical, and Photobiological Studies on BODIPY-Anthracene Dyads. <i>ChemPhotoChem</i> , 2021 , 5, 131-141	3.3	3
180	Deciphering the Electronic Transitions of Thiophene-Based Donor-Acceptor-Donor Pentameric Ligands Utilized for Multimodal Fluorescence Microscopy of Protein Aggregates. <i>ChemPhysChem</i> , 2021 , 22, 323-335	3.2	3
179	Hybrid multimodal contrast agent for multiscale investigation of neuroinflammation. <i>Nanoscale</i> , 2021 , 13, 3767-3781	7.7	2
178	Fluorescent Nanocomposites: Hollow Silica Microspheres with Embedded Carbon Dots. <i>ChemPlusChem</i> , 2021 , 86, 176-183	2.8	0
177	Influence of Polymer Charge on the Localization and Dark- and Photo-Induced Toxicity of a Potential Type I Photosensitizer in Cancer Cell Models. <i>Molecules</i> , 2020 , 25,	4.8	2
176	Insulin amyloid polymorphs: implications for iatrogenic cytotoxicity.. <i>RSC Advances</i> , 2020 , 10, 37721-37737	3.7	7
175	Tyrosine Side-Chain Functionalities at Distinct Positions Determine the Chiroptical Properties and Supramolecular Structures of Pentameric Oligothiophenes. <i>ChemistryOpen</i> , 2020 , 9, 1100-1108	2.3	0
174	Phenolic Bis-styrylbenzo[c]-1,2,5-thiadiazoles as Probes for Fluorescence Microscopy Mapping of A β Plaque Heterogeneity. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 2038-2048	8.3	18
173	An Optical Power Limiting and Ultrafast Photophysics Investigation of a Series of Multi-Branched Heavy Atom Substituted Fluorene Molecules. <i>Inorganics</i> , 2019 , 7, 126	2.9	3
172	Detection and Imaging of A β 1-42 and Tau Fibrils by Redesigned Fluorescent X-34 Analogues. <i>Chemistry - A European Journal</i> , 2018 , 24, 7210-7216	4.8	13
171	Two-Photon Fluorescence and Magnetic Resonance Specific Imaging of A β Amyloid Using Hybrid Nano-GdF Contrast Media.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 462-472	4.1	17
170	Luminescent-Conjugated Oligothiophene Probe Applications for Fluorescence Imaging of Pure Amyloid Fibrils and Protein Aggregates in Tissues. <i>Methods in Molecular Biology</i> , 2018 , 1779, 485-496	1.4	4
169	How to assess good candidate molecules for self-activated optical power limiting. <i>Optical Engineering</i> , 2018 , 57, 1	1.1	5
168	Intramolecular Proton and Charge Transfer of Pyrene-based trans-Stilbene Salicylic Acids Applied to Detection of Aggregated Proteins. <i>ChemPhysChem</i> , 2018 , 19, 3001-3009	3.2	3

167	Synthesis and Characterization of Novel Fluoro-glycosylated Porphyrins that can be Utilized as Theranostic Agents. <i>ChemistryOpen</i> , 2018 , 7, 495-503	2.3	11
166	Efficient reverse saturable absorption of sol-gel hybrid plasmonic glasses. <i>Optical Materials</i> , 2017 , 69, 134-140	3.3	2
165	Synthesis and biological evaluation of a Platinum(II)-c(RGDyK) conjugate for integrin-targeted photodynamic therapy. <i>European Journal of Medicinal Chemistry</i> , 2017 , 141, 221-231	6.8	27
164	-Stilbenoids with Extended Fluorescence Lifetimes for the Characterization of Amyloid Fibrils. <i>ACS Omega</i> , 2017 , 2, 4693-4704	3.9	9
163	Luminescent Eu ³⁺ -doped NaLa(WO ₄)(MoO ₄) and Ba ₂ CaMoO ₆ prepared by the modified Pechini method. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 77, 136-144	2.3	10
162	Photoluminescence of A- and B-site Eu ³⁺ -substituted (Sr Ba _{1-x} Ca _x W Mo ₁₀) ₆ phosphors. <i>Journal of Solid State Chemistry</i> , 2016 , 237, 72-80	3.3	15
161	Ruthenium porphyrin-induced photodamage in bladder cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016 , 14, 9-17	3.5	19
160	White light emitting silicon nano-crystals-polymeric hybrid films prepared by single batch solution based method. <i>Thin Solid Films</i> , 2016 , 603, 126-133	2.2	5
159	Nanoscale Structure and Spectroscopic Probing of Aβ ₁₋₄₀ Fibril Bundle Formation. <i>Frontiers in Chemistry</i> , 2016 , 4, 44	5	19
158	Long Distance Enhancement of Nonlinear Optical Properties Using Low Concentration of Plasmonic Nanostructures in Dye Doped Monolithic Sol-Gel Materials. <i>Advanced Functional Materials</i> , 2016 , 26, 6005-6014	15.6	23
157	Combined imaging of oxidative stress and microscopic structure reveals new features in human atherosclerotic plaques. <i>Journal of Biomedical Optics</i> , 2015 , 20, 20503	3.5	2
156	Self-assembly and characterization of transferrin-gold nanoconstructs and their interaction with bio-interfaces. <i>Nanoscale</i> , 2015 , 7, 8062-70	7.7	10
155	A Palette of Fluorescent Thiophene-Based Ligands for the Identification of Protein Aggregates. <i>Chemistry - A European Journal</i> , 2015 , 21, 15133-7	4.8	47
154	Dispersion and self-orientation of gold nanoparticles in sol-gel hybrid silica [optical transmission properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1026-1034	7.1	32
153	Visualization of oxidative stress in ex vivo biopsies using electron paramagnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1682-91	4.4	8
152	Photochemical internalization of bleomycin and temozolomide--in vitro studies on the glioma cell line F98. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1357-66	4.2	7
151	Toward a molecular understanding of the detection of amyloid proteins with flexible conjugated oligothiophenes. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 9820-7	2.8	27
150	Fe(III) distribution varies substantially within and between atherosclerotic plaques. <i>Magnetic Resonance in Medicine</i> , 2014 , 71, 885-92	4.4	10

149	A high precision method for quantitative measurements of reactive oxygen species in frozen biopsies. <i>PLoS ONE</i> , 2014 , 9, e90964	3.7	26
148	Enhanced fluorescent assignment of protein aggregates by an oligothiophene-porphyrin-based amyloid ligand. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 723-30	4.8	17
147	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013 , 4, 61-67	4.9	33
146	Evidence for age-dependent in vivo conformational rearrangement within A β amyloid deposits. <i>ACS Chemical Biology</i> , 2013 , 8, 1128-33	4.9	63
145	Solution based synthesis of simple fcc Si nano-crystals under ambient conditions. <i>Dalton Transactions</i> , 2013 , 42, 2700-3	4.3	7
144	Fluorescence Spectroscopy as a Tool to Characterize Amyloid Oligomers and Fibrils 2013 , 211-243		3
143	Hyperspectral analysis using the correlation between image and reference. <i>Journal of Biomedical Optics</i> , 2013 , 18, 20501	3.5	4
142	Spectral correlation analysis of amyloid β plaque inhomogeneity from double staining experiments. <i>Journal of Biomedical Optics</i> , 2013 , 18, 101313	3.5	6
141	Photophysical properties and study of the singlet oxygen generation of tetraphenylporphyrinato palladium(II) complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 964-971	1.8	7
140	Cell interaction study of amyloid by using luminescent conjugated polythiophene: implication that amyloid cytotoxicity is correlated with prolonged cellular binding. <i>ChemBioChem</i> , 2012 , 13, 358-63	3.8	12
139	Photophysical and DFT characterization of novel Pt(II)-coupled 2,5-diaryloxazoles for nonlinear optical absorption. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 11519-30	2.8	15
138	Influence of bromine substitution pattern on the singlet oxygen generation efficiency of two-photon absorbing chromophores. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6275-8	3.9	17
137	An improved singlet oxygen sensitizer with two-photon absorption and emission in the biological transparency window as a result of ground state symmetry-breaking. <i>Chemical Communications</i> , 2012 , 48, 1689-91	5.8	37
136	Silica hybrid sol-gel materials with unusually high concentration of Pt-organic molecular guests: studies of luminescence and nonlinear absorption of light. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 2369-77	9.5	38
135	A pentameric luminescent-conjugated oligothiophene for optical imaging of in vitro-formed amyloid fibrils and protein aggregates in tissue sections. <i>Methods in Molecular Biology</i> , 2012 , 849, 425-34	1.4	11
134	Synthesis of Monodisperse Silicon Quantum Dots Through a K-Naphthalide Reduction Route. <i>Journal of Cluster Science</i> , 2012 , 23, 421-435	3	8
133	Nanosopic and photonic ultrastructural characterization of two distinct insulin amyloid states. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1461-80	6.3	9
132	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1216-25	4.2	67

131	Effects on the conformation of FVIIa by sTF and Ca ²⁺ binding: studies of fluorescence resonance energy transfer and quenching. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 545-9	3.4	1
130	Molecular dynamics effects on luminescence properties of oligothiophene derivatives: a molecular mechanics-response theory study based on the CHARMM force field and density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 17532-42	3.6	18
129	Amyloid oligomers: spectroscopic characterization of amyloidogenic protein states. <i>FEBS Journal</i> , 2010 , 277, 1380-8	5.7	83
128	Fluorescence and FTIR Spectra Analysis of Trans-AB ² -Substituted Di- and Tetra-Phenyl Porphyrins. <i>Materials</i> , 2010 , 3, 4446-4475	3.5	39
127	Dynamic response of a fast near infra-red Mueller matrix ellipsometer. <i>Journal of Modern Optics</i> , 2010 , 57, 1603-1610	1.1	14
126	Luminescence, singlet oxygen production, and optical power limiting of some diacetylido platinum(II) diphosphine complexes. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 3431-42	2.8	40
125	Luminescent conjugated oligothiophenes: optical dyes for revealing pathological hallmarks of protein misfolding diseases 2010 ,		2
124	Luminescent properties of rare earth (Er, Yb) doped yttrium aluminium garnet thin films and bulk samples synthesised by an aqueous sol-gel technique. <i>Journal of the European Ceramic Society</i> , 2010 , 30, 1707-1715	6	56
123	Vibration and Fluorescence Spectra of Porphyrin-Cored 2,2-Bis(methylol)-propionic Acid Dendrimers. <i>Sensors</i> , 2009 , 9, 1937-66	3.8	29
122	Preparation of Functional Hybrid Glass Material from Platinum (II) Complexes for Broadband Nonlinear Absorption of Light. <i>Advanced Functional Materials</i> , 2009 , 19, 235-241	15.6	53
121	Classification of Raman active modes of platinum(II) acetylides: A combined experimental and theoretical study. <i>Chemical Physics Letters</i> , 2009 , 481, 209-213	2.5	7
120	Excitation and emission properties of platinum(II) acetylides at high and low concentrations. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 11242-9	2.8	11
119	Novel pentameric thiophene derivatives for in vitro and in vivo optical imaging of a plethora of protein aggregates in cerebral amyloidoses. <i>ACS Chemical Biology</i> , 2009 , 4, 673-84	4.9	232
118	Triplet excited states of some thiophene and triazole substituted platinum(II) acetylido chromophores. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 3311-20	2.8	24
117	A theoretical and experimental study of non-linear absorption properties of substituted 2,5-di-(phenylethynyl)thiophenes and structurally related compounds. <i>Molecular Physics</i> , 2009 , 107, 629-641	1.7	11
116	Prefibrillar transthyretin oligomers and cold stored native tetrameric transthyretin are cytotoxic in cell culture. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 1072-8	3.4	56
115	Europium confined cyclen dendrimers with photophysically active triazoles. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2545		37
114	Design and characterization of achromatic 132 ₂ retarders in CaF ₂ and fused silica. <i>Journal of Modern Optics</i> , 2008 , 55, 2203-2214	1.1	11

113	Click chemistry for photonic applications: triazole-functionalized platinum(II) acetylides for optical power limiting. <i>Journal of Materials Chemistry</i> , 2008 , 18, 166-175		58
112	Diffusion measured by fluorescence recovery after photobleaching based on multiphoton excitation laser scanning microscopy. <i>Journal of Biomedical Optics</i> , 2008 , 13, 064037	3.5	8
111	Second-harmonic generation in collagen as a potential cancer diagnostic parameter. <i>Journal of Biomedical Optics</i> , 2008 , 13, 054050	3.5	61
110	Discriminating land mines from natural backgrounds by depolarization 2008 ,		3
109	Efficient Nonlinear Absorbing Platinum(II) Acetylide Chromophores in Solid PMMA Matrices. <i>Advanced Functional Materials</i> , 2008 , 18, 1939-1948	15.6	49
108	Conformational rearrangements of tail-less complex polypeptide 1 (TCP-1) ring complex (TRiC)-bound actin. <i>Biochemistry</i> , 2007 , 46, 5083-93	3.2	15
107	Structural, photophysical, and nonlinear absorption properties of trans-di-arylalkynyl platinum(II) complexes with phenyl and thiophenyl groups. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 1598-609	2.8	33
106	Imaging distinct conformational states of amyloid-beta fibrils in Alzheimer's disease using novel luminescent probes. <i>ACS Chemical Biology</i> , 2007 , 2, 553-60	4.9	156
105	Excited states and two-photon absorption of some novel thiophenyl Pt(II)-ethynyl derivatives. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 244-50	2.8	69
104	Domain-specific chaperone-induced expansion is required for beta-actin folding: a comparison of beta-actin conformations upon interactions with GroEL and tail-less complex polypeptide 1 ring complex (TRiC). <i>Biochemistry</i> , 2007 , 46, 12639-47	3.2	12
103	Quantum efficiency and two-photon absorption cross-section of conjugated polyelectrolytes used for protein conformation measurements with applications on amyloid structures. <i>Chemical Physics</i> , 2007 , 336, 121-126	2.3	31
102	Electronic states and phosphorescence of dendron functionalized platinum(II) acetylides. <i>Journal of Luminescence</i> , 2007 , 124, 302-310	3.8	43
101	Quantification of the second-order nonlinear susceptibility of collagen I using a laser scanning microscope. <i>Journal of Biomedical Optics</i> , 2007 , 12, 044002	3.5	65
100	Photo-physical properties and OPL of some new longer thiophenyl-containing arylalkynyl Pt(II) compounds 2007 ,		2
99	Conjugated polyelectrolytes--conformation-sensitive optical probes for staining and characterization of amyloid deposits. <i>ChemBioChem</i> , 2006 , 7, 1096-104	3.8	115
98	Multi-functionalized platinum(II) acetylides for optical power limiting 2006 ,		3
97	Application of density functional theory for studies of excited states and phosphorescence of platinum(II) acetylides. <i>Journal of Chemical Physics</i> , 2006 , 125, 094306	3.9	21
96	Self-assembly of poly(9,9Sdihexylfluorene) to form highly ordered isoporous films via blending. <i>Langmuir</i> , 2006 , 22, 3959-61	4	18

95	Dendron Decorated Platinum(II) Acetylides for Optical Power Limiting. <i>Macromolecules</i> , 2006 , 39, 2238-2246	2.4	102
94	Spectral detection of ultraviolet laser induced fluorescence from individual bio-aerosol particles 2006 , 6398, 76		7
93	Formation and properties of isoporous films composed of polymer semiconductors 2006 ,		2
92	Photochromic mesostructured silica pigments dispersed in latex films. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3507		32
91	Polarization properties of a nematic liquid-crystal spatial light modulator for phase modulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2005 , 22, 177-84	1.8	10
90	Detection and characterization of aggregates, prefibrillar amyloidogenic oligomers, and protofibrils using fluorescence spectroscopy. <i>Biophysical Journal</i> , 2005 , 88, 4200-12	2.9	277
89	Photophysical Properties of Ruthenium(II) Tris(2,2'-Bipyridine) and Europium(III) Hexahydrate Salts Assembled into Solid Materials. <i>Chemistry of Materials</i> , 2005 , 17, 5512-5520	9.6	27
88	Chiral Recognition of a Synthetic Peptide Using Enantiomeric Conjugated Polyelectrolytes and Optical Spectroscopy. <i>Macromolecules</i> , 2005 , 38, 6813-6821	5.5	48
87	Biosensing and -imaging with enantiomeric luminescent conjugated polythiophenes using multiphoton excitation 2005 , 5935, 115		1
86	Detection of fluorescence spectra of individual bioaerosol particles 2005 ,		2
85	Two-photon absorption cross-section and triplet states of dendritic Pt-acetylides for OPL applications 2005 , 5934, 129		2
84	Lanthanide-cored fluorinated dendrimer complexes: synthesis and luminescence characterization. <i>Journal of Luminescence</i> , 2005 , 111, 265-283	3.8	36
83	Development of Fluorescence-based LIDAR Technology for Biological Sensing. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 883, 1		2
82	A compact OPO/SFG laser for ultraviolet biological sensing 2004 ,		3
81	A novel UV-laser source for fluorescence excitation of proteins 2004 ,		1
80	Development of a fluorescence-based point detector for biological sensing 2004 ,		5
79	Fringing fields in a liquid crystal spatial light modulator for beam steering. <i>Journal of Modern Optics</i> , 2004 , 51, 1233-1247	1.1	31
78	Porphyrin-Cored 2,2-Bis(methylol)propionic Acid Dendrimers. <i>Chemistry of Materials</i> , 2004 , 16, 2794-2804	4.6	51

77	A UV laser source for biological and chemical sensing 2004 ,		1
76	Determination of the phase- and polarization-changing properties of reflective spatial light modulators in one set-up 2004 , 5618, 174		3
75	Novel dendrimer-capped Pt-acetylides for optical power limiting 2004 ,		4
74	Laser beam steering and tracking using a liquid crystal spatial light modulator 2003 ,		18
73	Fluorinated dendritic polymers and dendrimers for waveguide applications. <i>Optical Materials</i> , 2003 , 21, 499-506	3.3	38
72	Intensity variations using a quantized spatial light modulator for nonmechanical beam steering. <i>Optical Engineering</i> , 2003 , 42, 613	1.1	15
71	Characterization of a liquid crystal spatial light modulator for beam steering 2002 , 4632, 187		1
70	Preparation of Mesogen-Functionalized Dendrimers for Second-Order Nonlinear Optics. <i>Macromolecules</i> , 2002 , 35, 1663-1671	5.5	30
69	Chiral dendritic polymers for photonic applications. <i>Synthetic Metals</i> , 2002 , 127, 37-43	3.6	11
68	Simulation of beam propagation with time-dependent nonlinear processes in optical limiting applications. <i>Synthetic Metals</i> , 2002 , 127, 147-150	3.6	16
67	Phase memory relaxation times of spin labels in human carbonic anhydrase II: pulsed EPR to determine spin label location. <i>Biophysical Chemistry</i> , 2001 , 94, 245-56	3.5	34
66	Functionalized Fluorinated Hyperbranched Polymers for Optical Waveguide Applications. <i>Advanced Materials</i> , 2001 , 13, 1483-1487	24	81
65	Novel passive polymer waveguides integrated with electro-optically active ferroelectric liquid crystals. <i>Optical Engineering</i> , 2001 , 40, 2188	1.1	14
64	Spin and fluorescent probing of the binding interface between tissue factor and factor VIIa at multiple sites. <i>Biophysical Journal</i> , 2001 , 81, 2357-69	2.9	10
63	High-resolution probing of local conformational changes in proteins by the use of multiple labeling: unfolding and self-assembly of human carbonic anhydrase II monitored by spin, fluorescent, and chemical reactivity probes. <i>Biophysical Journal</i> , 2001 , 80, 2867-85	2.9	34
62	Influence of Solvent Polarity and Hydrogen Bonding on the EPR Parameters of a Nitroxide Spin Label Studied by 9-GHz and 95-GHz EPR Spectroscopy and DFT Calculations. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 10967-10977	2.8	142
61	Cone motion viscosity and optical second harmonic generation of ferroelectric liquid crystalline dendrimers. <i>Liquid Crystals</i> , 2001 , 28, 861-868	2.3	4
60	Improved Thermal Stability of Pyroelectric Polymers by Crosslinking of Ferroelectric Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 10223-10227	3.4	2

59	Synthesis, characterization and optical power limiting behaviour of phenylazo- and 4-nitrophenylazo-tetrahydroxytetrahiacalix[4]arene. <i>Journal of Materials Chemistry</i> , 2001 , 11, 3014-3017		27
58	Probing inhibitor-induced conformational changes along the interface between tissue factor and factor VIIa. <i>Biochemistry</i> , 2001 , 40, 9324-8	3.2	9
57	Spectroscopic probing of the influence of calcium and the gla domain on the interaction between the first EGF domain in factor VIIa and tissue factor. <i>FEBS Journal</i> , 2000 , 267, 6204-11		7
56	Protein substrate binding induces conformational changes in the chaperonin GroEL. A suggested mechanism for unfoldase activity. <i>Journal of Biological Chemistry</i> , 2000 , 275, 22832-8	5.4	20
55	Electro-Optic Modulation of Light by a Planar Waveguide Based on Ferroelectric Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 352, 379-388		9
54	Properties of spin and fluorescent labels at a receptor-ligand interface. <i>Biophysical Journal</i> , 1999 , 77, 2237-50	2.9	43
53	EPR mapping of interactions between spin-labeled variants of human carbonic anhydrase II and GroEL: evidence for increased flexibility of the hydrophobic core by the interaction. <i>Biochemistry</i> , 1999 , 38, 432-41	3.2	35
52	Time-dependent nonlinear optical properties of pyroelectric liquid crystalline polymers. <i>Macromolecular Symposia</i> , 1999 , 148, 179-195	0.8	1
51	Dephasing of electron spin echoes for nitroxyl radicals in glassy solvents by non-methyl and methyl protons. <i>Molecular Physics</i> , 1998 , 95, 1255-1263	1.7	122
50	Nonlinear optical properties of multi-dimensional charge transfer functional groups in molecules designed for liquid crystals. <i>Optical Materials</i> , 1998 , 9, 216-219	3.3	5
49	Influence of molecular tilt angle on the SHG response of pyroelectric liquid crystal polymers. <i>Optical Materials</i> , 1998 , 9, 220-225	3.3	3
48	Complex optical limiting devices based on the z-scan technique: modeling using a numerical mode expansion. <i>Optical Materials</i> , 1998 , 9, 342-346	3.3	3
47	Numerical analysis of Z-scan experiments by use of a mode expansion. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998 , 15, 810	1.7	9
46	Second-harmonic light generation in pyroelectric liquid-crystal polymers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998 , 15, 914	1.7	10
45	Second-harmonic generation in a novel crosslinked pyroelectric liquid crystal polymer (PLCP). <i>Liquid Crystals</i> , 1998 , 24, 295-310	2.3	15
44	Numerical modeling of z-scans of thick nonlinear absorbers 1998 , 3472, 144		1
43	Optical anisotropy of pyroelectric liquid crystalline polymer films: numerical modeling and m-line characterization 1998 ,		5
42	Electron spin echo decay as a probe of aminoxyl environment in spin-labeled mutants of human carbonic anhydrase II <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 2549-2554		37

41	Radical Cation of Naphthalene on H ₂ ZSM-5 Zeolite and in CFCl ₃ Matrix. A Theoretical and Experimental EPR, ENDOR, and ESEEM Study. <i>Journal of Physical Chemistry A</i> , 1997 , 101, 2390-2396	2.8	21
40	Motional dynamics of NO ₂ on Na-ZSM-5: an ESR investigation. <i>Chemical Physics Letters</i> , 1997 , 271, 84-89	2.5	12
39	ESR study of the motional dynamics of NO ₂ adsorbed on Na-mordenite. <i>Chemical Physics Letters</i> , 1996 , 256, 27-32	2.5	14
38	Reversible conformation change of free radicals in X-irradiated glutarimide single crystals studied by ENDOR. <i>Chemical Physics</i> , 1996 , 212, 409-419	2.3	8
37	A study of the dynamic equilibrium between symmetrical and distorted 1,2,3-trimethylcyclohexane radical cations. <i>Applied Magnetic Resonance</i> , 1995 , 9, 45-59	0.8	4
36	Mapping the folding intermediate of human carbonic anhydrase II. Probing substructure by chemical reactivity and spin and fluorescence labeling of engineered cysteine residues. <i>Biochemistry</i> , 1995 , 34, 8606-20	3.2	66
35	Characterization of a folding intermediate of human carbonic anhydrase II: probing local mobility by electron paramagnetic resonance. <i>Biophysical Journal</i> , 1995 , 69, 202-13	2.9	26
34	ESR studies of nitrogen oxides adsorbed on zeolite catalysts: Analysis of motional dynamics. <i>Studies in Surface Science and Catalysis</i> , 1995 , 94, 673-680	1.8	11
33	Analysis of powder EPR and ENDOR spectra of the biphenyl radical cation on H-ZSM-5 zeolite, silica gel and in CFCl ₃ matrix. <i>Chemical Physics</i> , 1995 , 193, 89-99	2.3	30
32	Radicals on Surfaces Formed by Ionizing Radiation. <i>Topics in Molecular Organization and Engineering</i> , 1995 , 179-199		3
31	Radicals on surfaces formed by ionizing radiation. <i>Molecular Engineering</i> , 1994 , 4, 179-199		4
30	The Structure of c-C ₅ H ₁₀ ⁺ : Asymmetrical SOMO of Methyl-Substituted Cyclopentane Cation Radicals. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 8331-8338		10
29	ENDOR study of ¹³³ Cs hyperfine couplings with SO ₃ ⁻ radicals in X-irradiated piezoelectric Cs ₂ S ₂ O ₆ single crystals. <i>Journal of Materials Chemistry</i> , 1994 , 4, 223		9
28	Electron Paramagnetic Resonance of X-Irradiated Sodium and Potassium Salts of Glucose-1-Phosphate. Identification of PO ₃ ²⁻ Radicals at Room Temperature. <i>Radiation Research</i> , 1994 , 139, 194	3.1	11
27	The [2H ₈]THF radical cation in CF ₃ CCl ₃ and CFCl ₃ . An EPR and ENDOR study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 2009		10
26	An EPR and theoretical investigation of azoalkane and azobenzene radical cations. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 2135		6
25	Electronic structure, methyl group reorientation and reactions of radical cations of 1,2,4-trimethylcyclohexanes: an EPR study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 1995		7
24	Probing local mobility in carbonic anhydrase: EPR of spin-labelled SH groups introduced by site-directed mutagenesis. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 2003-2007		8

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