

Mikael Lindgren

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ext. papers

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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
184	Detection and characterization of aggregates, prefibrillar amyloidogenic oligomers, and protofibrils using fluorescence spectroscopy. <i>Biophysical Journal</i> , 2005 , 88, 4200-12	2.9	277
183	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
182	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
181	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
180	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
179	Conjugated polyelectrolytes--conformation-sensitive optical probes for staining and characterization of amyloid deposits. <i>ChemBioChem</i> , 2006 , 7, 1096-104	3.8	115
178	Dendron Decorated Platinum(II) Acetylides for Optical Power Limiting. <i>Macromolecules</i> , 2006 , 39, 2238-2246	3.5	102
177	Amyloid oligomers: spectroscopic characterization of amyloidogenic protein states. <i>FEBS Journal</i> , 2010 , 277, 1380-8	5.7	83
176	Functionalized Fluorinated Hyperbranched Polymers for Optical Waveguide Applications. <i>Advanced Materials</i> , 2001 , 13, 1483-1487	24	81
175	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
174	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
173	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
172	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
171	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
170	Second-harmonic generation in collagen as a potential cancer diagnostic parameter. <i>Journal of Biomedical Optics</i> , 2008 , 13, 054050	3.5	61
169	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
168	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

167	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
166	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
165	Porphyrin-Cored 2,2-Bis(methylol)propionic Acid Dendrimers. <i>Chemistry of Materials</i> , 2004 , 16, 2794-2804	4.6	51
164	Efficient Nonlinear Absorbing Platinum(II) Acetylide Chromophores in Solid PMMA Matrices. <i>Advanced Functional Materials</i> , 2008 , 18, 1939-1948	15.6	49
163	Chiral Recognition of a Synthetic Peptide Using Enantiomeric Conjugated Polyelectrolytes and Optical Spectroscopy. <i>Macromolecules</i> , 2005 , 38, 6813-6821	5.5	48
162	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
161	Electronic states and phosphorescence of dendron functionalized platinum(II) acetylides. <i>Journal of Luminescence</i> , 2007 , 124, 302-310	3.8	43
160	Properties of spin and fluorescent labels at a receptor-ligand interface. <i>Biophysical Journal</i> , 1999 , 77, 2237-50	2.9	43
159	Luminescence, singlet oxygen production, and optical power limiting of some diacetylide platinum(II) diphosphine complexes. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 3431-42	2.8	40
158	Fluorescence and FTIR Spectra Analysis of Trans-ABSubstituted Di- and Tetra-Phenyl Porphyrins. <i>Materials</i> , 2010 , 3, 4446-4475	3.5	39
157	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
156	Fluorinated dendritic polymers and dendrimers for waveguide applications. <i>Optical Materials</i> , 2003 , 21, 499-506	3.3	38
155	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
154	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
153	Europium confined cyclen dendrimers with photophysically active triazoles. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2545		37
152	Lanthanide-cored fluorinated dendrimer complexes: synthesis and luminescence characterization. <i>Journal of Luminescence</i> , 2005 , 111, 265-283	3.8	36
151	Synthesis of soluble polyphenylacetylenes containing a strong donor function. <i>Polymer</i> , 1991 , 32, 1531-1534	3.4	36
150	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

149	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
148	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
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	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
145	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
144	Photochromic mesostructured silica pigments dispersed in latex films. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3507		32
143	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
142	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
141	Preparation of Mesogen-Functionalized Dendrimers for Second-Order Nonlinear Optics. <i>Macromolecules</i> , 2002 , 35, 1663-1671	5.5	30
140	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
139	The Jahn-Teller split HOMO of the cyclohexane cation in selectively alkyl-substituted cyclohexanes: an ESR and MNDO/INDO MO study. <i>Journal of the American Chemical Society</i> , 1990 , 112, 967-973	16.4	30
138	Vibration and Fluorescence Spectra of Porphyrin-Cored 2,2-Bis(methylol)-propionic Acid Dendrimers. <i>Sensors</i> , 2009 , 9, 1937-66	3.8	29
137	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
136	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
135	Photophysical Properties of Ruthenium(II) Tris(2,2'-Bipyridine) and Europium(III) Hexahydrate Salts Assembled into Sol-Gel Materials. <i>Chemistry of Materials</i> , 2005 , 17, 5512-5520	9.6	27
134	Synthesis, characterization and optical power limiting behaviour of phenylazo- and 4-nitrophenylazo-tetrahydroxytetra-thiacalix[4]arene. <i>Journal of Materials Chemistry</i> , 2001 , 11, 3014-3017		27
133	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
132	A high precision method for quantitative measurements of reactive oxygen species in frozen biopsies. <i>PLoS ONE</i> , 2014 , 9, e90964	3.7	26

131	Triplet excited states of some thiophene and triazole substituted platinum(II) acetylide chromophores. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 3311-20	2.8	24
130	Ionic radicals on silica surfaces – An EPR, ENDOR and ESE study of benzene radical cations adsorbed on HY and silica gel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993 , 72, 207-216	5.1	23
129	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
128	ESR evidence of a distorted 2Ag electronic structure for the methylcyclohexane radical cation. <i>Chemical Physics Letters</i> , 1989 , 161, 127-130	2.5	22
127	Radical Cation of Naphthalene on H β SM-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
126	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
125	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
124	Ruthenium porphyrin-induced photodamage in bladder cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016 , 14, 9-17	3.5	19
123	Electron Trapping and Reactions in Rhamnose by ESR and ENDOR. <i>Radiation Research</i> , 1991 , 128, 235	3.1	19
122	Nanoscale Structure and Spectroscopic Probing of A β 1-40 Fibril Bundle Formation. <i>Frontiers in Chemistry</i> , 2016 , 4, 44	5	19
121	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
120	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
119	Self-assembly of poly(9,9-dihexylfluorene) to form highly ordered isoporous films via blending. <i>Langmuir</i> , 2006 , 22, 3959-61	4	18
118	Laser beam steering and tracking using a liquid crystal spatial light modulator 2003 ,		18
117	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
116	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
115	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
114	Radical cations of cyclohexanes alkyl-substituted on one carbon: an ESR study of the Jahn-Teller distorted HOMO of cyclohexane. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991 , 711-719		17

113	Simulation of beam propagation with time-dependent nonlinear processes in optical limiting applications. <i>Synthetic Metals</i> , 2002 , 127, 147-150	3.6	16
112	Photoluminescence of A- and B-site Eu ³⁺ -substituted (Sr Ba) _{1-x} CaW Mo _{1-x} O ₆ phosphors. <i>Journal of Solid State Chemistry</i> , 2016 , 237, 72-80	3.3	15
111	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
110	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
109	Intensity variations using a quantized spatial light modulator for nonmechanical beam steering. <i>Optical Engineering</i> , 2003 , 42, 613	1.1	15
108	Second-harmonic generation in a novel crosslinked pyroelectric liquid crystal polymer (PLCP). <i>Liquid Crystals</i> , 1998 , 24, 295-310	2.3	15
107	Mirror inversion of the low-symmetry ground-state structures of the methylcyclohexane and 1,1-dimethylcyclohexane radical cations. An electron paramagnetic resonance study. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990 , 86, 3377-3382		15
106	Electron spin resonance characterization of rotational isomers of the n-butane radical cation with partially deuterated methyl groups in some halogenated matrices. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1987 , 83, 1815		15
105	Dynamic response of a fast near infra-red Mueller matrix ellipsometer. <i>Journal of Modern Optics</i> , 2010 , 57, 1603-1610	1.1	14
104	Novel passive polymer waveguides integrated with electro-optically active ferroelectric liquid crystals. <i>Optical Engineering</i> , 2001 , 40, 2188	1.1	14
103	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
102	Intramolecular dynamics in small radicals with anisotropic magnetic interactions. <i>Applied Magnetic Resonance</i> , 1990 , 1, 267-281	0.8	14
101	Detection and Imaging of Aβ ₁₋₄₂ and Tau Fibrils by Redesigned Fluorescent X-34 Analogues. <i>Chemistry - A European Journal</i> , 2018 , 24, 7210-7216	4.8	13
100	Radical cations of cis- and trans-1,3-di- and 1,3,5-trimethylcyclohexanes. Matrix influence on two nearly degenerate SOMOs. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992 , 1397		13
99	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
98	Motional dynamics of NO ₂ on Na-ZSM-5: an ESR investigation. <i>Chemical Physics Letters</i> , 1997 , 271, 84-89	2.5	12
97	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
96	Internal motion of the cyclopentyl radical in CF ₂ ClCFCl ₂ : An ESR investigation. <i>Chemical Physics Letters</i> , 1989 , 156, 323-327	2.5	12

- 95 A pentameric luminescent-conjugated oligothiophene for optical imaging of in vitro-formed amyloid fibrils and protein aggregates in tissue sections. *Methods in Molecular Biology*, **2012**, 849, 425-34^{1.4} 11
- 94 Excitation and emission properties of platinum(II) acetylides at high and low concentrations. *Journal of Physical Chemistry A*, **2009**, 113, 11242-9 2.8 11
- 93 A theoretical and experimental study of non-linear absorption properties of substituted 2,5-di-(phenylethynyl)thiophenes and structurally related compounds. *Molecular Physics*, **2009**, 107, 629-641^{1.7} 11
- 92 Design and characterization of achromatic 132° retarders in CaF₂ and fused silica. *Journal of Modern Optics*, **2008**, 55, 2203-2214 1.1 11
- 91 Chiral dendritic polymers for photonic applications. *Synthetic Metals*, **2002**, 127, 37-43 3.6 11
- 90 Electron Paramagnetic Resonance of X-Irradiated Sodium and Potassium Salts of Glucose-1-Phosphate. Identification of PO₃²⁻ Radicals at Room Temperature. *Radiation Research*, **1994**, 139, 194 3.1 11
- 89 ESR studies of nitrogen oxides adsorbed on zeolite catalysts: Analysis of motional dynamics. *Studies in Surface Science and Catalysis*, **1995**, 94, 673-680 1.8 11
- 88 On the alkyl radical formation from alkane cations in halocarbons: results for various alkyl-substituted cyclohexanes. *Chemical Physics Letters*, **1990**, 170, 201-205 2.5 11
- 87 ESR characterization of the hydroxyalkyl radical in single crystals of 1,6-hexanediol and 1,8-octanediol and crystal structure of 1,6-hexanediol. *Chemical Physics*, **1986**, 106, 441-446 2.3 11
- 86 Synthesis and Characterization of Novel Fluoro-glycosylated Porphyrins that can be Utilized as Theranostic Agents. *ChemistryOpen*, **2018**, 7, 495-503 2.3 11
- 85 Luminescent Eu³⁺-doped NaLa(WO₄)(MoO₄) and Ba₂CaMoO₆ prepared by the modified Pechini method. *Journal of Sol-Gel Science and Technology*, **2016**, 77, 136-144 2.3 10
- 84 Self-assembly and characterization of transferrin-gold nanoconstructs and their interaction with bio-interfaces. *Nanoscale*, **2015**, 7, 8062-70 7.7 10
- 83 Fe(III) distribution varies substantially within and between atherosclerotic plaques. *Magnetic Resonance in Medicine*, **2014**, 71, 885-92 4.4 10
- 82 Polarization properties of a nematic liquid-crystal spatial light modulator for phase modulation. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2005**, 22, 177-84 1.8 10
- 81 Spin and fluorescent probing of the binding interface between tissue factor and factor VIIa at multiple sites. *Biophysical Journal*, **2001**, 81, 2357-69 2.9 10
- 80 Second-harmonic light generation in pyroelectric liquid-crystal polymers. *Journal of the Optical Society of America B: Optical Physics*, **1998**, 15, 914 1.7 10
- 79 The [2H₈]THF radical cation in CF₃CCl₃ and CFCl₃. An EPR and ENDOR study. *Journal of the Chemical Society Perkin Transactions II*, **1993**, 2009 10
- 78 The Structure of c-C₅H₁₀⁺: Asymmetrical SOMO of Methyl-Substituted Cyclopentane Cation Radicals. *The Journal of Physical Chemistry*, **1994**, 98, 8331-8338 10

77	-Stilbenoids with Extended Fluorescence Lifetimes for the Characterization of Amyloid Fibrils. <i>ACS Omega</i> , 2017 , 2, 4693-4704	3.9	9
76	Nanoscopic and photonic ultrastructural characterization of two distinct insulin amyloid states. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1461-80	6.3	9
75	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
74	Probing inhibitor-induced conformational changes along the interface between tissue factor and factor VIIa. <i>Biochemistry</i> , 2001 , 40, 9324-8	3.2	9
73	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
72	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
71	Molecular motion of the morpholin-1-yl radical in CF ₂ ClCFCl ₂ as studied by ESR. Use of residual anisotropy of powder spectra to extract dynamics. <i>Chemical Physics</i> , 1993 , 169, 195-205	2.3	9
70	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
69	Synthesis of Monodisperse Silicon Quantum Dots Through a K-Naphthalide Reduction Route. <i>Journal of Cluster Science</i> , 2012 , 23, 421-435	3	8
68	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
67	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
66	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
65	Solution based synthesis of simple fcc Si nano-crystals under ambient conditions. <i>Dalton Transactions</i> , 2013 , 42, 2700-3	4.3	7
64	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
63	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
62	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
61	Spectral detection of ultraviolet laser induced fluorescence from individual bio-aerosol particles 2006 , 6398, 76		7
60	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

59	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
58	Insulin amyloid polymorphs: implications for iatrogenic cytotoxicity.. <i>RSC Advances</i> , 2020 , 10, 37721-37727		7
57	Spectral correlation analysis of amyloid β plaque inhomogeneity from double staining experiments. <i>Journal of Biomedical Optics</i> , 2013 , 18, 101313	3.5	6
56	An EPR and theoretical investigation of azoalkane and azobenzene radical cations. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 2135		6
55	ESR Studies of Radical Cations of Cycloalkanes and Saturated Heterocycles. <i>Topics in Molecular Organization and Engineering</i> , 1991 , 125-150		6
54	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
53	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
52	Development of a fluorescence-based point detector for biological sensing 2004 ,		5
51	Optical anisotropy of pyroelectric liquid crystalline polymer films: numerical modeling and m-line characterization 1998 ,		5
50	How to assess good candidate molecules for self-activated optical power limiting. <i>Optical Engineering</i> , 2018 , 57, 1	1.1	5
49	Dephasing of electron spin echoes for nitroxyl radicals in glassy solvents by non-methyl and methyl protons		5
48	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
47	Hyperspectral analysis using the correlation between image and reference. <i>Journal of Biomedical Optics</i> , 2013 , 18, 20501	3.5	4
46	Novel dendrimer-capped Pt-acetylides for optical power limiting 2004 ,		4
45	Cone motion viscosity and optical second harmonic generation of ferroelectric liquid crystalline dendrimers. <i>Liquid Crystals</i> , 2001 , 28, 861-868	2.3	4
44	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
43	Radicals on surfaces formed by ionizing radiation. <i>Molecular Engineering</i> , 1994 , 4, 179-199		4
42	Fluorescence Spectroscopy as a Tool to Characterize Amyloid Oligomers and Fibrils 2013 , 211-243		3

41	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
40	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
39	Discriminating land mines from natural backgrounds by depolarization 2008 ,		3
38	Multi-functionalized platinum(II) acetylides for optical power limiting 2006 ,		3
37	A compact OPO/SFG laser for ultraviolet biological sensing 2004 ,		3
36	Determination of the phase- and polarization-changing properties of reflective spatial light modulators in one set-up 2004 , 5618, 174		3
35	Observation of piperidine aggregation and of hydrogen/proton transfer between piperidine radical cations and piperidine molecules in freon matrices. An ESR study at cryogenic temperatures. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 1547-1550		3
34	Primary reactions in x-irradiated inositol studied by ESR and pulse radiolysis. <i>Journal of Chemical Physics</i> , 1986 , 85, 2609-2613	3.9	3
33	Radicals on Surfaces Formed by Ionizing Radiation. <i>Topics in Molecular Organization and Engineering</i> , 1995 , 179-199		3
32	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
31	Structural, Photophysical, and Photobiological Studies on BODIPY-Anthracene Dyads. <i>ChemPhotoChem</i> , 2021 , 5, 131-141	3.3	3
30	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
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