

# Mikael Lindgren

## List of Publications by Year in descending order

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194  
papers

4,972  
citations

101384

36  
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197  
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197  
docs citations

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times ranked

5604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and Characterization of Aggregates, Prefibrillar Amyloidogenic Oligomers, and Protofibrils Using Fluorescence Spectroscopy. <i>Biophysical Journal</i> , 2005, 88, 4200-4212.	0.2	311
2	Novel Pentameric Thiophene Derivatives for <i>in Vitro</i> and <i>in Vivo</i> Optical Imaging of a Plethora of Protein Aggregates in Cerebral Amyloidoses. <i>ACS Chemical Biology</i> , 2009, 4, 673-684.	1.6	290
3	Imaging Distinct Conformational States of Amyloid- $\beta^2$ Fibrils in Alzheimer's Disease Using Novel Luminescent Probes. <i>ACS Chemical Biology</i> , 2007, 2, 553-560.	1.6	177
4	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.	1.1	159
5	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.	0.8	149
6	Conjugated Polyelectrolytes as Conformation Sensitive Optical Probes for Staining and Characterization of Amyloid Deposits. <i>ChemBioChem</i> , 2006, 7, 1096-1104.	1.3	123
7	Dendron Decorated Platinum(II) Acetylides for Optical Power Limiting. <i>Macromolecules</i> , 2006, 39, 2238-2246.	2.2	107
8	Evidence for Age-Dependent <i>in Vivo</i> Conformational Rearrangement within $A\beta^2$ Amyloid Deposits. <i>ACS Chemical Biology</i> , 2013, 8, 1128-1133.	1.6	93
9	Amyloid oligomers: spectroscopic characterization of amyloidogenic protein states. <i>FEBS Journal</i> , 2010, 277, 1380-1388.	2.2	91
10	Functionalized Fluorinated Hyperbranched Polymers for Optical Waveguide Applications. <i>Advanced Materials</i> , 2001, 13, 1483-1487.	11.1	86
11	Second-harmonic generation in collagen as a potential cancer diagnostic parameter. <i>Journal of Biomedical Optics</i> , 2008, 13, 054050.	1.4	80
12	Quantification of the second-order nonlinear susceptibility of collagen I using a laser scanning microscope. <i>Journal of Biomedical Optics</i> , 2007, 12, 044002.	1.4	76
13	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1216-1225.	1.6	74
14	A Palette of Fluorescent Thiophene-Based Ligands for the Identification of Protein Aggregates. <i>Chemistry - A European Journal</i> , 2015, 21, 15133-15137.	1.7	74
15	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, 8606-8620.	1.2	70
16	Excited States and Two-Photon Absorption of Some Novel Thiophenyl Pt(II)-Ethyne Derivatives. <i>Journal of Physical Chemistry A</i> , 2007, 111, 244-250.	1.1	70
17	Click chemistry for photonic applications: triazole-functionalized platinum(ii) acetylides for optical power limiting. <i>Journal of Materials Chemistry</i> , 2008, 18, 166-175.	6.7	64
18	Prefibrillar transthyretin oligomers and cold stored native tetrameric transthyretin are cytotoxic in cell culture. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 1072-1078.	1.0	63

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19	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.	2.8	60
20	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.	7.8	56
21	Porphyrin-Cored 2,2-Bis(methylol)propionic Acid Dendrimers. <i>Chemistry of Materials</i> , 2004, 16, 2794-2804.	3.2	54
22	Chiral Recognition of a Synthetic Peptide Using Enantiomeric Conjugated Polyelectrolytes and Optical Spectroscopy. <i>Macromolecules</i> , 2005, 38, 6813-6821.	2.2	52
23	Efficient Nonlinear Absorbing Platinum(II) Acetylide Chromophores in Solid PMMA Matrices. <i>Advanced Functional Materials</i> , 2008, 18, 1939-1948.	7.8	51
24	Properties of Spin and Fluorescent Labels at a Receptor-Ligand Interface. <i>Biophysical Journal</i> , 1999, 77, 2237-2250.	0.2	47
25	Fluorescence and FTIR Spectra Analysis of Trans-A2B2-Substituted Di- and Tetra-Phenyl Porphyrins. <i>Materials</i> , 2010, 3, 4446-4475.	1.3	47
26	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, 245-256.	1.5	46
27	Synthesis of soluble polyphenylacetylenes containing a strong donor function. <i>Polymer</i> , 1991, 32, 1531-1534.	1.8	45
28	Electronic states and phosphorescence of dendron functionalized platinum(II) acetylides. <i>Journal of Luminescence</i> , 2007, 124, 302-310.	1.5	45
29	Fluorinated dendritic polymers and dendrimers for waveguide applications. <i>Optical Materials</i> , 2003, 21, 499-506.	1.7	43
30	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 &amp; Interfaces</i> , 2012, 4, 2369-2377.	4.0	42
31	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.	0.9	41
32	Luminescence, Singlet Oxygen Production, and Optical Power Limiting of Some Diacetylide Platinum(II) Diphosphine Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3431-3442.	1.1	41
33	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, 1689-1691.	2.2	41
34	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, 432-441.	1.2	39
35	Lanthanide-cored fluorinated dendrimer complexes: synthesis and luminescence characterization. <i>Journal of Luminescence</i> , 2005, 111, 265-283.	1.5	39
36	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013, 4, 61-67.	1.9	38

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37	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.	2.6	38
38	Europium confined cyclen dendrimers with photophysically active triazoles. <i>Journal of Materials Chemistry</i> , 2008, 18, 2545.	6.7	37
39	Fringing fields in a liquid crystal spatial light modulator for beam steering. <i>Journal of Modern Optics</i> , 2004, 51, 1233-1247.	0.6	36
40	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.	6.6	35
41	Analysis of powder EPR and ENDOR spectra of the biphenyl radical cation on H-ZSM-5 zeolite, silica gel and in CFCl <sub>3</sub> matrix. <i>Chemical Physics</i> , 1995, 193, 89-99.	0.9	35
42	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, 2867-2885.	0.2	35
43	Photochromic mesostructured silica pigments dispersed in latex films. <i>Journal of Materials Chemistry</i> , 2005, 15, 3507.	6.7	35
44	Vibration and Fluorescence Spectra of Porphyrin-Cored Bis(methylol)-propionic Acid Dendrimers. <i>Sensors</i> , 2009, 9, 1937-1966.	2.1	35
45	Ruthenium porphyrin-induced photodamage in bladder cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 9-17.	1.3	35
46	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, 1598-1609.	1.1	34
47	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.	0.9	34
48	Toward a Molecular Understanding of the Detection of Amyloid Proteins with Flexible Conjugated Oligothiophenes. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9820-9827.	1.1	34
49	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.	2.7	34
50	Preparation of Mesogen-Functionalized Dendrimers for Second-Order Nonlinear Optics. <i>Macromolecules</i> , 2002, 35, 1663-1671.	2.2	32
51	Characterization of a folding intermediate of human carbonic anhydrase II: probing local mobility by electron paramagnetic resonance. <i>Biophysical Journal</i> , 1995, 69, 202-213.	0.2	31
52	Phenolic Bis-styrylbenzo[1,2,5-thiadiazoles as Probes for Fluorescence Microscopy Mapping of A $\beta$ Plaque Heterogeneity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2038-2048.	2.9	30
53	A High Precision Method for Quantitative Measurements of Reactive Oxygen Species in Frozen Biopsies. <i>PLoS ONE</i> , 2014, 9, e90964.	1.1	30
54	Title is missing!. <i>Journal of Materials Chemistry</i> , 2001, 11, 3014-3017.	6.7	29

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55	Triplet Excited States of Some Thiophene and Triazole Substituted Platinum(II) Acetylide Chromophores. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3311-3320.	1.1	29
56	Nanoscale Structure and Spectroscopic Probing of A $\beta$ 1-40 Fibril Bundle Formation. <i>Frontiers in Chemistry</i> , 2016, 4, 44.	1.8	29
57	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.	3.2	28
58	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.	2.3	27
59	Laser beam steering and tracking using a liquid crystal spatial light modulator. , 2003, , .		27
60	ESR evidence of a distorted 2Ag electronic structure for the methylcyclohexane radical cation. <i>Chemical Physics Letters</i> , 1989, 161, 127-130.	1.2	26
61	Radical Cation of Naphthalene on H $\beta$ -ZSM-5 Zeolite and in CFCI <sub>3</sub> Matrix. A Theoretical and Experimental EPR, ENDOR, and ESEEM Study. <i>Journal of Physical Chemistry A</i> , 1997, 101, 2390-2396.	1.1	26
62	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.	7.8	26
63	Two-Photon Fluorescence and Magnetic Resonance Specific Imaging of A $\beta$ Amyloid Using Hybrid Nano-GdF <sub>3</sub> Contrast Media. <i>ACS Applied Bio Materials</i> , 2018, 1, 462-472.	2.3	24
64	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.	1.2	22
65	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.	1.3	22
66	Enhanced Fluorescent Assignment of Protein Aggregates by an Oligothiophene-Porphyrin-Based Amyloid Ligand. <i>Macromolecular Rapid Communications</i> , 2013, 34, 723-730.	2.0	22
67	Detection and Imaging of A $\beta$ 1-42 and Tau Fibrils by Redesigned Fluorescent X $\beta$ Analogues. <i>Chemistry - A European Journal</i> , 2018, 24, 7210-7216.	1.7	22
68	Electron Trapping and Reactions in Rhamnose by ESR and ENDOR. <i>Radiation Research</i> , 1991, 128, 235.	0.7	21
69	ESR study of the motional dynamics of NO <sub>2</sub> adsorbed on Na-mordenite. <i>Chemical Physics Letters</i> , 1996, 256, 27-32.	1.2	21
70	Protein Substrate Binding Induces Conformational Changes in the Chaperonin GroEL. <i>Journal of Biological Chemistry</i> , 2000, 275, 22832-22838.	1.6	21
71	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.	1.7	20
72	Self-Assembly of Poly(9,9'-dihexylfluorene) to Form Highly Ordered Isoporous Films via Blending. <i>Langmuir</i> , 2006, 22, 3959-3961.	1.6	20

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73	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.	1.5	20
74	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.	0.9	18
75	Motional dynamics of NO <sub>2</sub> on Na-ZSM-5: an ESR investigation. <i>Chemical Physics Letters</i> , 1997, 271, 84-89.	1.2	18
76	Simulation of beam propagation with time-dependent nonlinear processes in optical limiting applications. <i>Synthetic Metals</i> , 2002, 127, 147-150.	2.1	18
77	Intensity variations using a quantized spatial light modulator for nonmechanical beam steering. <i>Optical Engineering</i> , 2003, 42, 613.	0.5	17
78	Conformational Rearrangements of Tail-less Complex Polypeptide 1 (TCP-1) Ring Complex (TRiC)-Bound Actin. <i>Biochemistry</i> , 2007, 46, 5083-5093.	1.2	17
79	Photoluminescence of A- and B-site Eu <sup>3+</sup> -substituted (Sr Ba <sub>1-x</sub> ) <sub>2</sub> CaW Mo <sub>1-x</sub> O <sub>6</sub> phosphors. <i>Journal of Solid State Chemistry</i> , 2016, 237, 72-80.	1.4	17
80	Intramolecular dynamics in small radicals with anisotropic magnetic interactions. <i>Applied Magnetic Resonance</i> , 1990, 1, 267-281.	0.6	16
81	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.	1.5	16
82	Second-harmonic generation in a novel crosslinked pyroelectric liquid crystal polymer (PLCP). <i>Liquid Crystals</i> , 1998, 24, 295-310.	0.9	16
83	Novel passive polymer waveguides integrated with electro-optically active ferroelectric liquid crystals. <i>Optical Engineering</i> , 2001, 40, 2188.	0.5	16
84	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, 11519-11530.	1.1	16
85	<i>trans</i> -Stilbenoids with Extended Fluorescence Lifetimes for the Characterization of Amyloid Fibrils. <i>ACS Omega</i> , 2017, 2, 4693-4704.	1.6	16
86	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.	1.0	15
87	Dynamic response of a fast near infra-red Mueller matrix ellipsometer. <i>Journal of Modern Optics</i> , 2010, 57, 1603-1610.	0.6	15
88	Internal motion of the cyclopentyl radical in CF <sub>2</sub> ClCFCl <sub>2</sub> : An ESR investigation. <i>Chemical Physics Letters</i> , 1989, 156, 323-327.	1.2	14
89	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.	0.9	14
90	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.	0.8	14

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91	Domain-Specific Chaperone-Induced Expansion Is Required for $\beta^2$ -Actin Folding: A Comparison of $\beta^2$ -Actin Conformations upon Interactions with GroEL and Tail-less Complex Polypeptide 1 Ring Complex (TRIC). <i>Biochemistry</i> , 2007, 46, 12639-12647.	1.2	14
92	Diffusion measured by fluorescence recovery after photobleaching based on multiphoton excitation laser scanning microscopy. <i>Journal of Biomedical Optics</i> , 2008, 13, 064037.	1.4	14
93	Tau Protein Binding Modes in Alzheimer's Disease for Cationic Luminescent Ligands. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11628-11636.	1.2	14
94	On the alkyl radical formation from alkane cations in halocarbons: results for various alkyl-substituted cyclohexanes. <i>Chemical Physics Letters</i> , 1990, 170, 201-205.	1.2	13
95	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.	0.8	13
96	Synthesis and Characterization of Novel Fluoro-glycosylated Porphyrins that can be Utilized as Theranostic Agents. <i>ChemistryOpen</i> , 2018, 7, 495-503.	0.9	13
97	ESR characterization of the hydroxyalkyl radical in single crystals of 1,6-hexanediol and 1,8-octanediol and crystal structure of 1,6-hexanediol. <i>Chemical Physics</i> , 1986, 106, 441-446.	0.9	12
98	Second-harmonic light generation in pyroelectric liquid-crystal polymers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 914.	0.9	12
99	Chiral dendritic polymers for photonic applications. <i>Synthetic Metals</i> , 2002, 127, 37-43.	2.1	12
100	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, 425-434.	0.4	12
101	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, 358-363.	1.3	12
102	Self-assembly and characterization of transferrin-gold nanoconstructs and their interaction with bio-interfaces. <i>Nanoscale</i> , 2015, 7, 8062-8070.	2.8	12
103	Luminescent Eu <sup>3+</sup> -doped NaLa(WO <sub>4</sub> )(MoO <sub>4</sub> ) and Ba <sub>2</sub> CaMoO <sub>6</sub> prepared by the modified Pechini method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 136-144.	1.1	12
104	Insulin amyloid polymorphs: implications for iatrogenic cytotoxicity. <i>RSC Advances</i> , 2020, 10, 37721-37727.	1.7	12
105	The Structure of c-C <sub>5</sub> H <sub>10</sub> <sup>+</sup> : Asymmetrical SOMO of Methyl-Substituted Cyclopentane Cation Radicals. <i>The Journal of Physical Chemistry</i> , 1994, 98, 8331-8338.	2.9	11
106	Electron Paramagnetic Resonance of X-Irradiated Sodium and Potassium Salts of Glucose-1-Phosphate. Identification of PO <sub>3</sub> <sup>2-</sup> Radicals at Room Temperature. <i>Radiation Research</i> , 1994, 139, 194.	0.7	11
107	Spin and Fluorescent Probing of the Binding Interface between Tissue Factor and Factor VIIa at Multiple Sites. <i>Biophysical Journal</i> , 2001, 81, 2357-2369.	0.2	11
108	Design and characterization of achromatic 1320-nm retarders in CaF <sub>2</sub> and fused silica. <i>Journal of Modern Optics</i> , 2008, 55, 2203-2214.	0.6	11

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109	Excitation and Emission Properties of Platinum(II) Acetylides at High and Low Concentrations. Journal of Physical Chemistry A, 2009, 113, 11242-11249.	1.1	11
110	Fe(III) distribution varies substantially within and between atherosclerotic plaques. Magnetic Resonance in Medicine, 2014, 71, 885-892.	1.9	11
111	Deciphering the Electronic Transitions of Thiophene-Based Donor-Acceptor-Donor Pentameric Ligands Utilized for Multimodal Fluorescence Microscopy of Protein Aggregates. ChemPhysChem, 2021, 22, 323-335.	1.0	11
112	Molecular motion of the morpholin-1-yl radical in CF <sub>2</sub> ClCFCl <sub>2</sub> as studied by ESR. Use of residual anisotropy of powder spectra to extract dynamics. Chemical Physics, 1993, 169, 195-205.	0.9	10
113	The [2H8]THF radical cation in CF <sub>3</sub> CCl <sub>3</sub> and CCl <sub>3</sub> . An EPR and ENDOR study. Journal of the Chemical Society Perkin Transactions II, 1993, , 2009.	0.9	10
114	An EPR and theoretical investigation of azoalkane and azobenzene radical cations. Journal of the Chemical Society Perkin Transactions II, 1993, , 2135.	0.9	10
115	Probing local mobility in carbonic anhydrase: EPR of spin-labelled SH groups introduced by site-directed mutagenesis. Journal of the Chemical Society Perkin Transactions II, 1993, , 2003-2007.	0.9	10
116	ENDOR study of <sup>133</sup> Cs hyperfine couplings with SO <sub>3</sub> <sup>-</sup> radicals in X-irradiated piezoelectric Cs <sub>2</sub> S <sub>2</sub> O <sub>6</sub> single crystals. Journal of Materials Chemistry, 1994, 4, 223.	6.7	10
117	Reversible conformation change of free radicals in X-irradiated glutarimide single crystals studied by ENDOR. Chemical Physics, 1996, 212, 409-419.	0.9	10
118	Numerical analysis of Z-scan experiments by use of a mode expansion. Journal of the Optical Society of America B: Optical Physics, 1998, 15, 810.	0.9	10
119	Nanoscopic and Photonic Ultrastructural Characterization of Two Distinct Insulin Amyloid States. International Journal of Molecular Sciences, 2012, 13, 1461-1480.	1.8	10
120	Intramolecular Proton and Charge Transfer of Pyrene-Based <i>trans</i> -Stilbene Salicylic Acids Applied to Detection of Aggregated Proteins. ChemPhysChem, 2018, 19, 3001-3009.	1.0	10
121	Alpha-Synuclein Strain Variability in Body-First and Brain-First Synucleinopathies. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	10
122	Electro-Optic Modulation of Light by a Planar Waveguide Based on Ferroelectric Liquid Crystals. Molecular Crystals and Liquid Crystals, 2000, 352, 379-388.	0.3	9
123	Probing Inhibitor-Induced Conformational Changes along the Interface between Tissue Factor and Factor VIIa. Biochemistry, 2001, 40, 9324-9328.	1.2	9
124	Classification of Raman active modes of platinum(II) acetylides: A combined experimental and theoretical study. Chemical Physics Letters, 2009, 481, 209-213.	1.2	9
125	Spectral correlation analysis of Amyloid $\beta^2$ plaque inhomogeneity from double staining experiments. Journal of Biomedical Optics, 2013, 18, 1.	1.4	9
126	Photophysical properties and study of the singlet oxygen generation of tetraphenylporphyrinato palladium(II) complexes. Journal of Porphyrins and Phthalocyanines, 2013, 17, 964-971.	0.4	9



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127	Visualization of oxidative stress in ex vivo biopsies using electron paramagnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1682-1691.	1.9	9
128	Degradation of insulin amyloid by antibiotic minocycline and formation of toxic intermediates. <i>Scientific Reports</i> , 2021, 11, 6857.	1.6	9
129	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.	0.9	8
130	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, 6204-6211.	0.2	8
131	Synthesis of Monodisperse Silicon Quantum Dots Through a K-Naphthalide Reduction Route. <i>Journal of Cluster Science</i> , 2012, 23, 421-435.	1.7	8
132	Solution based synthesis of simple fcc Si nano-crystals under ambient conditions. <i>Dalton Transactions</i> , 2013, 42, 2700.	1.6	8
133	Photochemical internalization of bleomycin and temozolomide " in vitro studies on the glioma cell line F98. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1357-1366.	1.6	8
134	Structural, Photophysical, and Photobiological Studies on BODIPY-Anthracene Dyads. <i>ChemPhotoChem</i> , 2021, 5, 131-141.	1.5	8
135	ESR Studies of Radical Cations of Cycloalkanes and Saturated Heterocycles. <i>Topics in Molecular Organization and Engineering</i> , 1991, , 125-150.	0.1	8
136	Spectral detection of ultraviolet laser induced fluorescence from individual bio-aerosol particles. , 2006, 6398, 76.		7
137	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.	0.6	6
138	Optical anisotropy of pyroelectric liquid crystalline polymer films: numerical modeling and m-line characterization. , 1998, , .		6
139	Development of a fluorescence-based point detector for biological sensing. , 2004, , .		6
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141	Hyperspectral analysis using the correlation between image and reference. <i>Journal of Biomedical Optics</i> , 2013, 18, 020501.	1.4	6
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