

Gediminas Jonusauskas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Damping an electronic energy reservoir: ion-regulated electronic energy shuttling in a [2]rotaxane. <i>Chemical Science</i> , 2021, 12, 9196-9200.	7.4	3
2	Charge-transfer chemical reactions in nanofluidic Fabry-Pérot cavities. <i>Physical Review B</i> , 2021, 103, .	3.2	13
3	Alkylation of the $\hat{\pm}$ -amino C-H bonds of anilines photocatalyzed by a DMEDA-Cu-benzophenone complex: reaction scope and mechanistic studies. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5800-5805.	2.8	4
4	Effect of linker length on the spectroscopic properties of bacteriochlorin $\hat{\pm}$ 1,8-naphthalimide conjugates for fluorescence-guided photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112338.	3.9	9
5	Proof of principle of a purine D $\hat{\pm}$ A $\hat{\pm}$ D $\hat{\pm}$ ligand based ratiometric chemical sensor harnessing complexation induced intermolecular PET. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26502-26508.	2.8	6
6	Electron injection effect in In ₂ O ₃ and SnO ₂ nanocrystals modified by ruthenium heteroleptic complexes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8146-8156.	2.8	5
7	Hydrogen Bonding Donor-Acceptor Stenhouse Adducts. <i>ChemPhotoChem</i> , 2020, 4, 407-412.	3.0	23
8	Thiourea Modified Doxorubicin: A Perspective pH-Sensitive Prodrug. <i>Bioconjugate Chemistry</i> , 2019, 30, 741-750.	3.6	19
9	Designed Long-Lived Emission from CdSe Quantum Dots through Reversible Electronic Energy Transfer with a Surface-Bound Chromophore. <i>Angewandte Chemie</i> , 2018, 130, 3158-3161.	2.0	17
10	Designed Long-Lived Emission from CdSe Quantum Dots through Reversible Electronic Energy Transfer with a Surface-Bound Chromophore. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3104-3107.	13.8	29
11	Supramolecular tuning of energy transfer efficiency and direction in a bis(styryl) dye-crown ether conjugate. <i>Dyes and Pigments</i> , 2018, 151, 227-232.	3.7	4
12	A fluorescent AND logic gate based on a ferrocene-naphthalimide-piperazine format responsive to acidity and oxidizability. <i>Dyes and Pigments</i> , 2018, 157, 278-283.	3.7	28
13	Molecular engineering of logic gate types by module rearrangement in $\hat{\pm}$ Pourbaix Sensors $\hat{\pm}$ ™: the effect of excited-state electric fields. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6195-6201.	2.8	23
14	Enhancement of the photoluminescence property of hybrid structures using single-walled carbon nanotubes/pyramidal porous silicon surface. <i>Journal of Alloys and Compounds</i> , 2018, 731, 978-984.	5.5	13
15	Rationalisation of a mechanism for sensing single point variants in target DNA using anthracene-tagged base discriminating probes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6576-6585.	2.8	5
16	Functionalized Ruthenium Complexes: Selective $\hat{\pm}$ Turn-On $\hat{\pm}$ -Detection of Biologically Relevant Anionic Species. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3620-3630.	2.4	2
17	Regio- and stereoselective [2+2] photocycloaddition in Ba ²⁺ templated supramolecular dimers of styryl-derivatized aza-heterocycles. <i>Dyes and Pigments</i> , 2017, 139, 397-402.	3.7	9
18	Controlling photophysics of styrylnaphthalimides through TICT, fluorescence and E,Z-photoisomerization interplay. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1244-1256.	2.8	25

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19	Protonation-Gated Dual Photochromism of a Chromene-Styryl Dye Hybrid. <i>Organic Letters</i> , 2017, 19, 5633-5636.	4.6	7
20	A novel bacteriochlorin-styrylnaphthalimide conjugate for simultaneous photodynamic therapy and fluorescence imaging. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30195-30206.	2.8	19
21	Light-induced piston nanoengines: ultrafast shuttling of a styryl dye inside cucurbit[7]uril. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25834-25839.	2.8	24
22	Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proof-of-Principle of a Lifetime-Based Conformation Probe. <i>Angewandte Chemie</i> , 2016, 128, 1350-1355.	2.0	16
23	Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proof-of-Principle of a Lifetime-Based Conformation Probe. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1328-1333.	13.8	39
24	Synthesis and spectral properties of fluorescent dyes based on 4-styryl-1,8-naphthalimide. <i>Russian Chemical Bulletin</i> , 2016, 65, 2444-2451.	1.5	7
25	High performance optical oxygen sensors based on iridium complexes exhibiting interchromophore energy shuttling. <i>Analyst</i> , 2016, 141, 3090-3097.	3.5	26
26	Water-soluble naphthalimide-based "Pourbaix sensors": pH and redox-activated fluorescent AND logic gates based on photoinduced electron transfer. <i>New Journal of Chemistry</i> , 2016, 40, 9917-9922.	2.8	33
27	Photoinduced Electron Transfer and Hole Migration in Nanosized Helical Aromatic Oligoamide Foldamers. <i>Journal of the American Chemical Society</i> , 2016, 138, 13568-13578.	13.7	71
28	Harnessing Reversible Electronic Energy Transfer: From Molecular Dyads to Molecular Machines. <i>ChemPhysChem</i> , 2016, 17, 1794-1804.	2.1	15
29	Lanthanide Luminescence Modulation by Cation-Interaction in a Bioinspired Scaffold: Selective Detection of Copper(I). <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11453-11456.	13.8	28
30	FRET versus PET: ratiometric chemosensors assembled from naphthalimide dyes and crown ethers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22749-22757.	2.8	23
31	Supramolecular Photocatalyst for the Reduction of Au(III) to Au(I) and High-Turnover Generation of Gold Nanocrystals. <i>ACS Catalysis</i> , 2015, 5, 380-387.	11.2	9
32	Artificial Ion- and Photosensitive Membranes Based on an Amphiphilic Aza-Crown-Substituted Hemicyanine. <i>ChemPhysChem</i> , 2014, 15, 2823-2833.	2.1	6
33	Spectroscopical study of bacteriopurpurinimide-naphthalimide conjugates for fluorescent diagnostics and photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 133, 140-144.	3.8	19
34	New Synthetic Routes towards Soluble and Dissymmetric Triphenodioxazine Dyes Designed for Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2014, 20, 3678-3688.	3.3	18
35	Direct Observation of Reversible Electronic Energy Transfer Involving an Iridium Center. <i>Inorganic Chemistry</i> , 2014, 53, 2677-2682.	4.0	52
36	Sunlight-Driven Copper-Catalyst Activation Applied to Photolent Click Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 13181-13187.	3.3	27

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37	Terpy(Pt ^{II} salphen) ₂ Switchable Luminescent Molecular Tweezers. Chemistry - A European Journal, 2014, 20, 15799-15807.	3.3	30
38	Metal-ion induced FRET in macrocyclic dynamic tweezers. Tetrahedron, 2013, 69, 8178-8185.	1.9	3
39	Ruthenium(II) complexes based on tridentate polypyridine ligands that feature long-lived room-temperature luminescence. Chemical Communications, 2013, 49, 9110.	4.1	47
40	Impact of Water on the Cis [→] Trans Photoisomerization of Hydroxychalcones. Journal of Physical Chemistry A, 2013, 117, 4167-4173.	2.5	29
41	Transient absorption spectroscopy of the [Fe(2-CH ₃ -phen) ₃] ²⁺ complex: Study of the high spin [→] low spin relaxation of an isolated iron(II) complex. Chemical Physics Letters, 2013, 556, 82-88.	2.6	11
42	Comparative analysis of the PET and ICT sensor properties of 1,8-naphthalimides containing aza-15-crown-5 ether moiety. Dyes and Pigments, 2013, 98, 347-357.	3.7	37
43	High spin [→] low spin ultrafast excitation and relaxation of an isolated iron(II) complex.. EPJ Web of Conferences, 2013, 41, 05010.	0.3	0
44	Photolariats: synthesis, metal ion complexation and photochromism. Supramolecular Chemistry, 2012, 24, 462-472.	1.2	4
45	Dynamics of ion-regulated photoinduced electron transfer in BODIPY-BAPTA conjugates. Photochemical and Photobiological Sciences, 2012, 11, 1666-1674.	2.9	30
46	Development of Functionalized Cyclotrimeratrylene Analogues: Introduction of Withdrawing and π -Conjugated Groups. Journal of Organic Chemistry, 2012, 77, 7023-7027.	3.2	15
47	Photocatalyzed Sulfide Oxygenation with Water as the Unique Oxygen Atom Source. Inorganic Chemistry, 2012, 51, 2222-2230.	4.0	60
48	Copper Catalyst Activation Driven by Photoinduced Electron Transfer: A Prototype Photolent Click Catalyst. Angewandte Chemie - International Edition, 2012, 51, 7137-7141.	13.8	46
49	BF ₂ -Azadipyromethenes: Probing the Excited-State Dynamics of a NIR Fluorophore and Photodynamic Therapy Agent. Journal of Physical Chemistry A, 2011, 115, 14034-14039.	2.5	88
50	C3-triiodocyclotrimeratrylene as a key intermediate to fluorescent probes: application to selective choline recognition. Organic and Biomolecular Chemistry, 2011, 9, 8489.	2.8	17
51	Facile functionalization of a fully fluorescent perfluorophenyl BODIPY: photostable thiol and amine conjugates. Chemical Communications, 2011, 47, 10425.	4.1	40
52	Transient absorption spectroscopy of the iron(II) [Fe(phen) ₃] ²⁺ complex: Study of the non-radiative relaxation of an isolated iron(II) complex. Chemical Physics Letters, 2011, 513, 42-47.	2.6	40
53	Complex behavior of hemicyanine in Langmuir-Blodgett films revealed by surface pressure measurements and fluorescence microscopy. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 31-38.	1.1	6
54	Control of photochemical properties of monolayers and Langmuir-Blodgett films of amphiphilic chromoionophores. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 484-493.	1.1	15

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55	Photomodulation of the Magnetisation of Co Nanocrystals Decorated with Rhodamine B. <i>ChemPhysChem</i> , 2011, 12, 2915-2919.	2.1	2
56	Multimodal Metal Cation Sensing with Bis(macrocyclic) Dye. <i>Chemistry - A European Journal</i> , 2011, 17, 10752-10762.	3.3	24
57	Synthesis and multiparameter sensor properties of the crown- ϵ -containing thiophene derivatives. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 246-254.	1.9	3
58	Metal Ion Modulated Torsion Angle in a Ditopic Oligothiophene Ligand: Toward Supramolecular Control of π -Conjugation. <i>ChemPhysChem</i> , 2010, 11, 3152-3160.	2.1	8
59	Mechanism for optical switching of the spin crossover $[\text{Fe}(\text{NH}_2\text{-trz})_3](\text{Br})_2 \cdot 3\text{H}_2\text{O}$ compound at room temperature. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3044.	2.8	57
60	Cation-Dependent Fluorescent Properties of Naphthalimide Derivatives with <i>N</i> -Benzocrown Ether Fragment. <i>Journal of Physical Chemistry A</i> , 2010, 114, 4118-4122.	2.5	50
61	Enhanced photolabelling of luminescent Eu(III) centres with a chelating antenna in a micellar nanodomain. <i>Chemical Communications</i> , 2010, 46, 2486.	4.1	25
62	Synthesis and spectral properties of 4-amino- and 4-acetylamino- <i>N</i> -arylnaphthalimides containing electron-donating groups in the <i>N</i> -aryl substituent. <i>Russian Chemical Bulletin</i> , 2009, 58, 1233-1240.	1.5	15
63	Laser induced spin state transition: Spectral and temporal evolution. <i>Chemical Physics Letters</i> , 2009, 469, 274-278.	2.6	14
64	Cucurbit[7]uril Complexes of Crown-Ether Derived Styryl and (Bis)styryl Dyes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10149-10158.	2.6	32
65	Photoinduced intramolecular electron transfer in a 2,7-diaminofluorene chromophore decorated with two benzophenone subunits. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2622.	2.8	6
66	Specific features of reversible $E \rightleftharpoons Z$ -photoisomerization of crown-containing 4-styrylpyridine complexes with various cations. <i>Russian Chemical Bulletin</i> , 2008, 57, 2385-2393.	1.5	2
67	Spectroscopic study of mono- and bis(styryl) dyes of the pyridinium series containing azathiacrown ether residue. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 372-380.	1.9	23
68	Characterization of hemicyanine Langmuir-Blodgett films by picosecond time-resolved fluorescence. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 93, 44-52.	3.8	19
69	A photochemical electrocyclization of the benzothiazolylphenylethenes involving a CN bond formation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 196, 239-245.	3.9	18
70	Improving the photophysical properties of copper(I) bis(phenanthroline) complexes. <i>Coordination Chemistry Reviews</i> , 2008, 252, 2572-2584.	18.8	307
71	PPLN OPCPA based on spectrally addressed amplification. , 2007, , .		0
72	Investigation of crown-containing styrylthiophene derivatives which are optically and electrochemically sensitive to the presence of metal cations. <i>Synthetic Metals</i> , 2007, 157, 885-893.	3.9	11

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73	Equilibration between Three Different Excited States in a Bichromophoric Copper(I) Polypyridine Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 8688-8689.	13.7	62
74	Synthesis, complexation, and E ⁺ Z photoisomerization of azadithiacrown-containing styryl dyes as new optical sensors for mercury cations. <i>Russian Chemical Bulletin</i> , 2007, 56, 513-526.	1.5	15
75	Effect of arrangement of the styryl fragment on the optical properties and complexation of mono- and bis(styryl)-substituted N-methylpyridinium perchlorates containing benzo-15-crown-5 ether moieties. <i>Russian Chemical Bulletin</i> , 2007, 56, 2166-2174.	1.5	9
76	Supramolecular assemblies of crown-containing 2-styrylbenzothiazole with amino acids. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1007.	2.8	11
77	Ultrafast photoluminescence spectroscopy of exciton-exciton annihilation in oligoaniline films with nanoscale ordering. <i>Physical Review B</i> , 2006, 74, .	3.2	9
78	Supramolecular assemblies of crown-containing 4-styrylpyridine in the presence of metal cations. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 1032-1041.	1.9	18
79	Probing the Photochemical Mechanism in Photoactive Yellow Protein. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18699-18705.	2.6	30
80	Structural modelling of optical and electrochemical properties of 4-aminodiphenylamines "optoelectronic studies on a polyaniline repeating unit. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 939-948.	2.9	24
81	Development of Tomography Using Femtosecond Infrared Laser : Imaging of Biological Tissues. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2004, , 395-406.	0.1	0
82	Transient photoluminescence from highly disordered silica-rich natural phases with and without nanostructures. <i>Physics and Chemistry of Minerals</i> , 2003, 30, 393-400.	0.8	5
83	Electron kinetics and emission for metal nanoparticles exposed to intense laser pulses. <i>Physical Review B</i> , 2003, 68, .	3.2	91
84	Caries imaging by teeth (auto)luminescence spectral analysis. , 2003, , .		0
85	Longitudinal imaging in biological tissues by use of femtosecond optical echography. , 2003, 5143, 1.		0
86	Transient photoluminescence of para-hexaphenyl layers. <i>Physical Review B</i> , 2002, 65, .	3.2	22
87	Time-Resolved Charge Transfer in "Push-Pull" Stilbenes. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 1041-1047.	3.2	12
88	<title>Single-shot cross-correlation system for longitudinal imaging in biological tissues</title>. , 2002, 4625, 179.		0
89	Longitudinal imaging in biological tissues with a single laser shot correlation system. <i>Optics Express</i> , 2002, 10, 35.	3.4	16
90	Wide-field optical coherence tomography: imaging of biological tissues. <i>Applied Optics</i> , 2002, 41, 2059.	2.1	59

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91	Single-shot correlation system for longitudinal imaging in biological tissues. Optics Communications, 2002, 208, 275-283.	2.1	6
92	A complete optical study of the conductive form of polyaniline: the emeraldine salt. Synthetic Metals, 2001, 119, 389-390.	3.9	11
93	<title>Wide-field optical coherence tomography: imaging of biological tissues at 1220 nm</title> . , 2001, , .		0
94	Phototunable Metal Cation Binding Ability of Some Fluorescent Macrocyclic Ditopic Receptors. Springer Series on Fluorescence, 2001, , 157-169.	0.8	3
95	Study of the intramolecular charge-transfer (ICT) process in 4-dimethylamino-4'-nitrostilbene by picosecond time-resolved CARS. Journal of Raman Spectroscopy, 2000, 31, 311-317.	2.5	25
96	Real-time two-dimensional imaging in scattering media by use of a femtosecond Cr ⁴⁺ :forsterite laser. Optics Letters, 2000, 25, 929.	3.3	29
97	Imagerie tri-dimensionnelle en milieu diffusant utilisant la corrélation croisée par sommation de fréquence. European Physical Journal Special Topics, 2000, 10, Pr8-201.	0.2	0
98	Observation du processus de transfert de charge intramoléculaire dans le 4-diméthylamino-4'-nitrostilbene (DNS) par spectroscopie CARS résolue en temps. European Physical Journal Special Topics, 2000, 10, Pr8-221.	0.2	1
99	Propriétés de limitation optique du 1-(P-N,N-diméthylamino)-4-(P-cyanophenyl)-1,3-butadiène. European Physical Journal Special Topics, 2000, 10, Pr8-103.	0.2	0
100	Three-dimensional imaging using a femtosecond amplifying optical Kerr gate. Optical Engineering, 1999, 38, 1758.	1.0	15
101	Optical-limiting properties of a push-pull diphenyl-butadiene. Optics Communications, 1999, 169, 325-332.	2.1	23
102	Multipulse operation regime in a self-mode-locked Cr ⁴⁺ :forsterite femtosecond laser. Optics Communications, 1998, 150, 355-362.	2.1	13
103	Subpicosecond Transient Absorption of Donor-Acceptor Biphenyls. Intramolecular Control of the Excited State Charge Transfer Processes by a Weak Electronic Coupling. Journal of Physical Chemistry A, 1998, 102, 7393-7405.	2.5	51
104	Third-Order Nonlinear Optical Properties in the Excited State of Well-Defined Thiophene-Dimethylsilyl Co-oligomers. Journal of Physical Chemistry B, 1998, 102, 1487-1497.	2.6	16
105	54-fs, 1-GW, 1-kHz pulse amplification in Cr:forsterite. Optics Letters, 1998, 23, 1918.	3.3	25
106	Three-dimensional imaging using a femtosecond amplifying optical Kerr gate. , 1998, 3491, 1098.		0
107	Wavelength and intensity-dependent transient degenerate four-wave mixing in pseudoisocyanine J-aggregates. Journal of Chemical Physics, 1997, 106, 8374-8383.	3.0	30
108	Dual excited states in 4-dimethylamino 4'-cyanostilbene (DCS) revealed by sub-picosecond transient absorption and Kerr ellipsometry. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 105, 101-107.	3.9	34

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109	Picosecond photoinduced formation of a radical cation: CARS and transient absorption studies of 1,4-diphenylbutadiene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 105, 217-223.	3.9	2
110	Photophysics of 4-dimethylamino 4-cyanostilbene and model compounds: dual excited states revealed by sub-picosecond transient absorption and Kerr ellipsometry. <i>Chemical Physics</i> , 1997, 214, 409-423.	1.9	75
111	Picosecond time-resolved dual fluorescence, transient absorption and reorientation time measurements of push-pull diphenyl-polyenes: evidence for "loose" complex and "bicimer" species. <i>Chemical Physics</i> , 1997, 219, 73-89.	1.9	14
112	"Fast" amplifying optical Kerr gate using stimulated emission of organic non-linear dyes. <i>Optics Communications</i> , 1997, 137, 199-206.	2.1	12
113	Experimental determination of the nonlinear refractive index in an operating Cr:forsterite femtosecond laser. <i>Optics Communications</i> , 1997, 141, 69-74.	2.1	17
114	Third-order optical non-linearities of excited states in diphenyl-polyene derivatives: a sub-picosecond study. <i>Optics Communications</i> , 1996, 124, 616-627.	2.1	14
115	Sub-Picosecond Kerr Ellipsometry Applied to Photophysics: Observation of TICT State Formation in 4-Dimethylamino 4-Cyanostilbene (DCS).. , 1996, , .		0
116	Picosecond CARS and Transient Absorption Studies of 1,4-Diphenylbutadiene and trans-Stilbene: A Study of Photoinduced Formation of a Radical Cation. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10179-10186.	2.9	28
117	Picosecond observation of cation-stepwise delayed and cation-triggered photoinduced intramolecular charge transfer in fluorescent cation probes. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1996, 93, 1670-1696.	0.2	9
118	Sub-Picosecond Optical Non-Linearities in Excited States of Diphenyl-Polyenes and "Push-Pull" Polyenes. , 1996, , 429-432.		0
119	Enhancement and sub-picosecond dynamics of optical non-linearities of excited-states: trans-stilbene in solution. <i>Chemical Physics Letters</i> , 1995, 241, 281-289.	2.6	23
120	Influence of Cr ⁴⁺ ion concentration on cw operation of forsterite laser and its relation to thermal problems. <i>Optics Communications</i> , 1995, 116, 131-135.	2.1	21
121	Sub-Picosecond Time-Resolved Spectroscopy of Energetic Materials : the Nitromethane and Nitro-Stilbenes. <i>European Physical Journal Special Topics</i> , 1995, 05, C4-365-C4-378.	0.2	3
122	Picosecond Transient Absorption as Monitor of the Stepwise Cation-Macrocycle Decoordination in the Excited Singlet State of 4-(N-Monoaza-15-crown-5)-4'-cyanostilbene. <i>The Journal of Physical Chemistry</i> , 1995, 99, 15709-15713.	2.9	61
123	Vibrational spectrum of liquid nitromethane revisited using polarization-sensitive coherent anti-stokes Raman scattering (PCARS) spectroscopy. <i>Journal of Raman Spectroscopy</i> , 1994, 25, 359-364.	2.5	8
124	Subpicosecond anisotropic CARS studies of vibrational mode-selective photoexcitation and relaxation of trans-stilbene. First few picoseconds. <i>Chemical Physics Letters</i> , 1994, 223, 573-581.	2.6	22
125	Direct observation of the photodecomposition of liquid nitromethane under UV photolysis by sub-picosecond time-resolved CARS experiments. <i>Chemical Physics Letters</i> , 1994, 231, 467-475.	2.6	10
126	"Fast" optical Kerr gate with "slow" nonlinearity. <i>Optics Communications</i> , 1994, 112, 80-84.	2.1	11

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127	Picosecond Dynamics of Cation-Macrocycle Interactions in the Excited State of an Intrinsic Fluorescence Probe: The Calcium Complex of 4-(N-Monoaza-15-crown-5)-4'-phenylstilbene. <i>The Journal of Physical Chemistry</i> , 1994, 98, 10391-10396.	2.9	67
128	Powerful femtosecond pulse generation by chirped and stretched pulse parametric amplification in BBO crystal. <i>Optics Communications</i> , 1992, 88, 437-440.	2.1	825
129	Light-induced transformations of hematoporphyrin diacetate and hematoporphyrin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1988, 2, 373-379.	3.8	20