

Paolo Foggi

List of Publications by Year in descending order

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140
papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Ultrafast Measurements of Excited State Intramolecular Proton Transfer (ESIPT) in Room Temperature Solutions of 3-Hydroxyflavone and Derivatives. <i>Journal of Physical Chemistry A</i> , 2001, 105, 3709-3718.	1.1	229
2	Femtosecond time-resolved UV-visible absorption spectroscopy of trans-azobenzene: dependence on excitation wavelength. <i>Chemical Physics Letters</i> , 1998, 290, 68-74.	1.2	217
3	Triplet Excited State of BODIPY Accessed by Charge Recombination and Its Application in Triplet-Triplet Annihilation Upconversion. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7550-7564.	1.1	96
4	Shedding Light on the Photoisomerization Pathway of Donor-Acceptor Stenhouse Adducts. <i>Journal of the American Chemical Society</i> , 2017, 139, 15596-15599.	6.6	88
5	Enhanced energy transport in genetically engineered excitonic networks. <i>Nature Materials</i> , 2016, 15, 211-216.	13.3	82
6	A Revisit to the Orthogonal Bodipy Dimers: Experimental Evidence for the Symmetry Breaking Charge Transfer-Induced Intersystem Crossing. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2502-2511.	1.5	79
7	Matching of group velocities by spatial walk-off in collinear three-wave interaction with tilted pulses. <i>Optics Letters</i> , 1996, 21, 973.	1.7	77
8	Spin-Orbit Charge Recombination Intersystem Crossing in Phenothiazine-Anthracene Compact Dyads: Effect of Molecular Conformation on Electronic Coupling, Electronic Transitions, and Electron Spin Polarizations of the Triplet States. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27850-27865.	1.5	76
9	Spin-Orbit Charge Transfer Intersystem Crossing (ISC) in Compact Electron Donor-Acceptor Dyads: ISC Mechanism and Application as Novel and Potent Photodynamic Therapy Reagents. <i>Chemistry - A European Journal</i> , 2020, 26, 1091-1102.	1.7	76
10	Solvent Effects on the Actinic Step of Donor-Acceptor Stenhouse Adduct Photoswitching. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8063-8068.	7.2	70
11	S1 \rightarrow S _n and S2 \rightarrow S _n Absorption of Azulene: Femtosecond Transient Spectra and Excited State Calculations. <i>Journal of Physical Chemistry A</i> , 2003, 107, 1689-1696.	1.1	58
12	Ultrafast Measurements of Charge and Excited-State Intramolecular Proton Transfer in Solutions of 4-(N,N-Dimethylamino) Derivatives of 3-Hydroxyflavone. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6938-6943.	1.1	57
13	Role of excited electronic states in the high-pressure amorphization of benzene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7658-7663.	3.3	57
14	Transient absorption and vibrational relaxation dynamics of the lowest excited singlet state of pyrene in solution. <i>The Journal of Physical Chemistry</i> , 1995, 99, 7439-7445.	2.9	56
15	Group-velocity self-matching of femtosecond pulses in noncollinear parametric generation. <i>Physical Review A</i> , 1995, 51, 3164-3168.	1.0	54
16	Tailoring Photoisomerization Pathways in Donor-Acceptor Stenhouse Adducts: The Role of the Hydroxy Group. <i>Journal of Physical Chemistry A</i> , 2018, 122, 955-964.	1.1	54
17	Photobehavior and Nonlinear Optical Properties of Push-Pull, Symmetrical, and Highly Fluorescent Benzothiadiazole Derivatives. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23726-23739.	1.5	52
18	Excited-State Absorption and Ultrafast Relaxation Dynamics of Porphyrin, Diprotonated Porphyrin, and Tetraoxaporphyrin Dication. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1864-1872.	1.1	51

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19	Sub-picosecond and picosecond dynamics in the S1 state of [2,2'-bipyridyl]-3,3'-diol investigated by UV-visible transient absorption spectroscopy. <i>Chemical Physics Letters</i> , 2000, 319, 157-163.	1.2	46
20	Transient infrared spectroscopy: a new approach to investigate valence tautomerism. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1038-1047.	1.3	46
21	Fluorescence excitation and emission spectra of 1,8-dihydroxyanthraquinone and in n-octane at 10 K. <i>Journal of Chemical Physics</i> , 1987, 87, 5664-5669.	1.2	45
22	Pyrene-Based Antenna Systems. <i>Chemistry - A European Journal</i> , 2009, 15, 754-764.	1.7	43
23	Efficient conversion of femtosecond blue pulses by travelling-wave parametric generation in non-collinear phase matching. <i>Optics Communications</i> , 1995, 119, 327-332.	1.0	40
24	The two-photon excitation spectrum of pyrene. <i>Chemical Physics Letters</i> , 1983, 98, 206-211.	1.2	39
25	Relaxation Dynamics of Water and HCl Aqueous Solutions Measured by Time-Resolved Optical Kerr Effect. <i>Journal of Physical Chemistry A</i> , 1997, 101, 7029-7035.	1.1	39
26	Crossed-beam universal-detection reactive scattering of radical beams characterized by laser-induced-fluorescence: the case of C ₂ and CN. <i>Molecular Physics</i> , 2010, 108, 1097-1113.	0.8	39
27	Femtosecond traveling-wave parametric generation with lithium triborate. <i>Optics Letters</i> , 1993, 18, 1633.	1.7	37
28	Photophysical and photochemical applications of femtosecond time-resolved transient absorption spectroscopy. <i>International Journal of Photoenergy</i> , 2001, 3, 103-109.	1.4	35
29	Subdiffraction localization of a nanostructured photosensitizer in bacterial cells. <i>Scientific Reports</i> , 2015, 5, 15564.	1.6	35
30	Photophysical properties and excited state dynamics of 4,7-dithien-2-yl-2,1,3-benzothiadiazole. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13604-13613.	1.3	35
31	Photochemical Control of Exciton Superradiance in Light-Harvesting Nanotubes. <i>ACS Nano</i> , 2018, 12, 4556-4564.	7.3	34
32	Direct Observation of S ₂ → S ₁ Internal Conversion in Pyrene by Femtosecond Transient Absorption. <i>Laser Chemistry</i> , 1999, 19, 375-379.	0.5	33
33	Fluorescence excitation and emission spectra of 1,5-dihydroxyanthraquinone in n-hexane at 10 K. <i>Journal of Chemical Physics</i> , 1987, 87, 5657-5663.	1.2	32
34	Temperature dependence of vibrational relaxation processes in sulfur crystals: Effect of isotopic impurities. <i>Journal of Chemical Physics</i> , 1992, 96, 98-109.	1.2	32
35	Picosecond Forward Electron Transfer and Nanosecond Back Electron Transfer in an Azacrown-Substituted [(bpy)Re(CO) ₃ (L)] ⁺ Complex: A Direct Observation by Time-Resolved UV-Visible Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2002, 106, 12202-12208.	1.1	31
36	Crossed molecular beam study of gas phase reactions relevant to the chemistry of planetary atmospheres: The case of C ₂ +C ₂ H ₂ . <i>Planetary and Space Science</i> , 2008, 56, 1658-1673.	0.9	30

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37	Visible pulses of 100 fs and 100 $\hat{1}/4$ J from an upconverted parametric generator. <i>Applied Optics</i> , 1996, 35, 5336.	2.1	29
38	Excited States of Porphyrin Macrocycles. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11044-11051.	1.1	29
39	Combined Experimental and Theoretical Study of Efficient and Ultrafast Energy Transfer in a Molecular Dyad. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23476-23486.	1.5	29
40	Temperature-dependent decay of vibrational excitons in dipotassium sulfate crystal measured by picosecond time-resolved CARS. <i>The Journal of Physical Chemistry</i> , 1988, 92, 983-988.	2.9	28
41	Intersystem crossing <i>via</i> charge recombination in a perylene-naphthalimide compact electron donor/acceptor dyad. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8305-8319.	2.7	28
42	Uncovering Structure-Property Relationships in Push-Pull Chromophores: A Promising Route to Large Hyperpolarizability and Two-Photon Absorption. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15739-15748.	1.5	27
43	Time-Resolved Optical Kerr Effect Measurements in Aqueous Ionic Solutions. <i>The Journal of Physical Chemistry</i> , 1994, 98, 7692-7701.	2.9	26
44	Relaxation Properties of Porphyrin, Diprotonated Porphyrin, and Isoelectronic Tetraoxaporphyrin Dication in the S ₂ State. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2276-2282.	1.1	26
45	Unusually Strong H-Bonding to the Heme Ligand and Fast Geminate Recombination Dynamics of the Carbon Monoxide Complex of <i>Bacillus subtilis</i> Truncated Hemoglobin. <i>Biochemistry</i> , 2008, 47, 902-910.	1.2	26
46	First resonance energy transfer (FRET) with a donor-acceptor system adsorbed on silver or gold nanoisland films. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9798.	1.3	25
47	Ligand Uptake Modulation by Internal Water Molecules and Hydrophobic Cavities in Hemoglobins. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1234-1245.	1.2	25
48	Efficient Photoinduced Charge Separation in a BODIPY-C ₆₀ Dyad. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16526-16536.	1.5	25
49	The dynamics of succinonitrile in the plastic phase by subpicosecond time-resolved optical Kerr effect. <i>Journal of Chemical Physics</i> , 1992, 96, 110-115.	1.2	24
50	Molecular dynamics and vibrational relaxations in liquid nitromethane. II. Raman, coherent anti-Stokes Raman spectroscopy, and transient optical Kerr effects in the totally symmetric $\hat{1}/24$ mode in CH ₃ NO ₂ . <i>Journal of Chemical Physics</i> , 1993, 98, 4372-4376.	1.2	24
51	Orientalional processes in liquid nitromethane studied by depolarized light scattering and transient optical Kerr effect. <i>Journal of Chemical Physics</i> , 1995, 102, 8763-8772.	1.2	24
52	The ultrafast energy transfer process in naphthole-nitrobenzofurazan bichromophoric molecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 209-221.	2.0	24
53	Synergistic Approach of Ultrafast Spectroscopy and Molecular Simulations in the Characterization of Intramolecular Charge Transfer in Push-Pull Molecules. <i>Molecules</i> , 2020, 25, 430.	1.7	24
54	Following Ligand Migration Pathways from Picoseconds to Milliseconds in Type II Truncated Hemoglobin from <i>Thermobifida fusca</i> . <i>PLoS ONE</i> , 2012, 7, e39884.	1.1	22

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55	Solvent Effects on the Actinic Step of Donor–Acceptor Stenhouse Adduct Photoswitching. <i>Angewandte Chemie</i> , 2018, 130, 8195-8200.	1.6	21
56	Ultrafast Intramolecular and Solvation Dynamics in 4,7-Bis(4,5-dibutylbenzo[1,2- <i>b</i> :4,3- <i>b'</i>]-bisthiophene[1,2- <i>b</i> :4,3- <i>b'</i>]-bisthiophen-2-yl)-2,1,3-benzothiazole. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5840-5852.	1.6	11
57	Measurement of orientational relaxation times of OH in a flame using picosecond time-resolved polarization spectroscopy. <i>Chemical Physics Letters</i> , 1995, 240, 315-323.	1.2	20
58	Relaxation dynamics in three polypyridyl iron(II)-based complexes probed by nanosecond and sub-picosecond transient absorption spectroscopy. <i>Inorganica Chimica Acta</i> , 2008, 361, 3937-3943.	1.2	18
59	Vibrational analysis of the carbon-hydrogen stretching overtones in pyridine and 2,6-lutidine. <i>The Journal of Physical Chemistry</i> , 1991, 95, 3027-3031.	2.9	17
60	Molecular dynamics of β -carotene in solution measured by subpicosecond transient optical Kerr effect. <i>Chemical Physics Letters</i> , 1992, 193, 23-29.	1.2	17
61	Orientalional dynamics on glassformer 2 [Ca(NO ₃) ₂] ₂ ·3[KNO ₃]: A study by transient optical Kerr effect. <i>Journal of Chemical Physics</i> , 1993, 98, 4892-4896.	1.2	17
62	Sub-picosecond pump-probe spectroscopy of ESIPT in 3-hydroxyflavone. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2133.	2.0	17
63	Pressure and photo-induced phase transitions in sulphur investigated by Raman spectroscopy. <i>High Pressure Research</i> , 2000, 17, 113-146.	0.4	17
64	Short- and Long-Range Solvation Effects on the Transient UV-Vis Absorption Spectra of a Ru(II)-Polypyridine Complex Disentangled by Nonequilibrium Molecular Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2885-2891.	2.1	17
65	Dynamical and Environmental Effects on the Optical Properties of an Heteroleptic Ru(II)-Polypyridine Complex: A Multilevel Approach Combining Accurate Ground and Excited State QM-Derived Force Fields, MD and TD-DFT. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 529-545.	2.3	17
66	Benzo[1,2-d:4,5-d']bisthiazole fluorophores for luminescent solar concentrators: synthesis, optical properties and effect of the polymer matrix on the device performances. <i>Dyes and Pigments</i> , 2021, 188, 109207.	2.0	17
67	A highly efficient heptamethine cyanine antenna for photosynthetic Reaction Center: From chemical design to ultrafast energy transfer investigation of the hybrid system. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 350-359.	0.5	17
68	Temperature-dependent (10-240 K) relaxation of vibrational excitons in KClO ₄ crystal. <i>Chemical Physics</i> , 1989, 131, 463-472.	0.9	16
69	Powerful sub-100-fs pulses broadly tunable in the visible from a blue-pumped parametric generator and amplifier. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1997, 14, 1245.	0.9	16
70	Femtosecond transient infrared and stimulated Raman spectroscopy shed light on the relaxation mechanisms of photo-excited peridinin. <i>Journal of Chemical Physics</i> , 2015, 142, 212409.	1.2	16
71	Luminescent solar concentrators with outstanding optical properties by employment of D-quinoline fluorophores. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15608-15621.	2.7	16
72	Phonon relaxation in molecular crystals: Theory and experiments. <i>Rivista Del Nuovo Cimento</i> , 1992, 15, 1-82.	2.0	15

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73	A collinearly phase-matched parametric generator/amplifier of visible femtosecond pulses. IEEE Journal of Quantum Electronics, 1998, 34, 459-464.	1.0	15
74	Photophysical characterization of low-molecular weight organogels for energy transfer and light harvesting. Journal of Molecular Structure, 2011, 993, 459-463.	1.8	15
75	Dynamics of the time-resolved stimulated Raman scattering spectrum in presence of transient vibronic inversion of population on the example of optically excited trans- β -apo-8'-carotenal. Journal of Chemical Physics, 2014, 140, 204312.	1.2	15
76	The two-photon fluorescence excitation spectrum of dibenzothiophene. Chemical Physics, 1981, 63, 437-443.	0.9	14
77	Near-Infrared-Absorbing BODIPY- β -Carotene-Dihydrophenazine Compact Electron Donor/Acceptor Dyads and Triads: Spin-Orbit Charge Transfer Intersystem Crossing and Charge-Transfer State. ChemPhotoChem, 2020, 4, 487-501.	1.5	14
78	Intermolecular and diffusive dynamics of pure acetonitrile isotopomers studied by depolarized Rayleigh scattering and femtosecond optical Kerr effect. European Physical Journal D, 2002, 21, 143-151.	0.6	13
79	Photochemical Isomerization of Colchicine and Thiocolchicine. Journal of Physical Chemistry A, 2003, 107, 9079-9085.	1.1	13
80	Chirality driven self-assembly in a fluorescent organogel. Chirality, 2011, 23, 833-840.	1.3	13
81	The two-photon spectrum of liquid pyridine by thermal lensing techniques. Chemical Physics Letters, 1987, 141, 417-422.	1.2	12
82	2D-Raman spectroscopy: an additional dimension to investigate ultrafast structural dynamics. Journal of Raman Spectroscopy, 2013, 44, 1470-1477.	1.2	12
83	Ultrafast resonance energy transfer in the umbelliferone-alizarin bichromophore. Physical Chemistry Chemical Physics, 2014, 16, 10059-10074.	1.3	12
84	Bodipy-squaraine triads: Preparation and study of the intramolecular energy transfer, charge separation and intersystem crossing. Dyes and Pigments, 2017, 147, 560-572.	2.0	12
85	A dizinc complex for selective fluorescence sensing of uridine and uridine-containing dinucleotides. Chemical Communications, 2007, , 1230.	2.2	11
86	Photoinduced excitation and charge transfer processes of organic dyes with siloxane anchoring groups: a combined spectroscopic and computational study. Physical Chemistry Chemical Physics, 2017, 19, 15310-15323.	1.3	11
87	Influence of Dimethyl Sulfoxide on the Low-Temperature Behavior of Cholesterol-Loaded Palmitoyl-oleyl-phosphatidylcholine Membranes. Journal of Physical Chemistry B, 2018, 122, 6396-6402.	1.2	11
88	Amyloid Self-Assembly of Lysozyme in Self-Crowded Conditions: The Formation of a Protein Oligomer Hydrogel. Biomacromolecules, 2021, 22, 1147-1158.	2.6	11
89	Vibronic coupling of pyrene in the first $\tilde{\nu}_1^*$ excited state. Chemical Physics, 1984, 83, 345-356.	0.9	10
90	Molecular dynamics of β -carotene in solution by resonance enhanced optical Kerr effect. Journal of Chemical Physics, 1995, 102, 9537-9543.	1.2	10

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91	Carbon Monoxide Recombination Dynamics in Truncated Hemoglobins Studied with Visible-Pump MidIR-Probe Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8753-8761.	1.2	10
92	Monitoring the intramolecular charge transfer process in the Z907 solar cell sensitizer: a transient Vis and IR spectroscopy and ab initio investigation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21594-21604.	1.3	10
93	Photophysical Processes Occurring in a Zn-phthalocyanine in Ethanol Solution and on TiO ₂ Nanostructures. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20256-20264.	1.5	10
94	Probing Water State during Lipidic Mesophases Phase Transitions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25274-25280.	7.2	10
95	Study of the Photobehavior of a Newly Synthesized Chiroptical Molecule: (<i>E</i>)-(<i>R</i>)-1,2-Bis[4-methyl-[2]paracyclo[2](5,8)quinolinophan-2-yl]ethene. <i>Journal of Physical Chemistry A</i> , 2009, 113, 14650-14656.	9	9
96	Conformational Analysis of Glycyl-L-Alanine in D ₂ O and DMSO Solutions: A Two-Dimensional Infrared Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14226-14237.	1.2	9
97	Understanding the influence of disorder on the exciton dynamics and energy transfer in Zn-phthalocyanine H-aggregates. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22331-22341.	1.3	9
98	The role of twisting in driving excited-state symmetry breaking and enhanced two-photon absorption in quadrupolar cationic pyridinium derivatives. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16739-16753.	1.3	9
99	The Photochemical Behavior of Colchicine and Thiocolchicine. <i>Photochemistry and Photobiology</i> , 2000, 71, 29.	1.3	9
100	Resonance-enhanced time-resolved optical Kerr effect of β -carotene in solution. <i>Optics Letters</i> , 1992, 17, 775.	1.7	8
101	The transient absorption of 1,3,5-tri-tert-butyl-pentalene. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3027-3033.	1.3	8
102	Vibronic coherences in light harvesting nanotubes: unravelling the role of dark states. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7216-7226.	2.7	8
103	Multicolour Electroluminescence of Dendronic Antennae Containing Pyrenes as Light Harvesters. <i>ChemPhysChem</i> , 2010, 11, 683-688.	1.0	7
104	Identification of the Excited-State C=C and C=O Modes of <i>trans</i> - β -Apo-8'-carotenal with Transient 2D-IR-EXSY and Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1592-1598.	2.1	7
105	Charge transfer dynamics between MPA capped CdTe quantum dots and methyl viologen. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 382-389.	2.0	7
106	Vibrational relaxation of Davydov components of the 940 cm ⁻¹ mode in KClO ₄ crystal. <i>Journal of Molecular Structure</i> , 1990, 219, 43-48.	1.8	6
107	First quantitative measurements by IR spectroscopy of dioxins and furans by means of broadly tunable quantum cascade lasers. <i>Laser Physics</i> , 2013, 23, 025603.	0.6	6
108	Role of Local Structure and Dynamics of Small Ligand Migration in Proteins: A Study of a Mutated Truncated Hemoprotein from <i>Thermobifida fusca</i> by Time Resolved MIR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9209-9217.	1.2	6

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109	Melting dynamics of ice in the mesoscopic regime. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5935-5940.	3.3	6
110	Two-photon absorption of liquid pyridine: a study using thermal lensing and cars spectroscopy.. Journal of Molecular Structure, 1988, 175, 147-152.	1.8	5
111	The dynamics of azulene S2 state characterised by femtosecond transient absorption spectroscopy. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 105, 129-134.	2.0	5
112	Purification of organic compounds in high-quality crystal growth process. Materials Chemistry and Physics, 2000, 66, 303-308.	2.0	5
113	The ultrafast dynamics of some photochromic naphthopyrans. , 2004, , 283-286.		5
114	Characteristic vibrational frequencies of toxic polychlorinated dibenzo-dioxins and -furans. Journal of Hazardous Materials, 2014, 274, 98-105.	6.5	5
115	Two-photon excitation spectra of the lowest electronic states of 2,2'-bipyridine. Chemical Physics, 1982, 66, 281-291.	0.9	4
116	Measurement of the third-order non-resonant susceptibility of phtalate ion in solution and in a C6H4COOH·COOK crystal. Journal of Luminescence, 1992, 53, 541-545.	1.5	4
117	The CARS excitation profile at the MnO ⁴⁻ ion doped in KClO4. Chemical Physics Letters, 1992, 199, 417-422.	1.2	4
118	Vibrational relaxation of a MnO ⁴⁻ impurity mode in KClO4 crystal. Chemical Physics Letters, 1993, 212, 283-288.	1.2	4
119	Harmonic generation in an ionized gas medium with a 100-femtosecond, high repetition rate laser source at intermediate intensities. Applied Physics B: Lasers and Optics, 1997, 64, 323-330.	1.1	4
120	A steady-state and time-resolved photophysical study of CdTe quantum dots in water. Photochemical and Photobiological Sciences, 2015, 14, 397-406.	1.6	4
121	Probing Globular Protein Self-Assembling Dynamics by Heterodyne Transient Grating Experiments. Applied Sciences (Switzerland), 2019, 9, 405.	1.3	4
122	Harmonic generation in the VUV region at high repetition rate. Optics Communications, 1995, 121, 73-77.	1.0	3
123	Surface-enhanced fluorescence and surface-enhanced Raman scattering of ultrathin layers of bichromophoric antenna systems adsorbed on silver nanoisland films. Journal of Luminescence, 2009, 129, 1955-1959.	1.5	3
124	Picosecond optical parametric generator and amplifier for large temperature-jump. Optics Express, 2014, 22, 30047.	1.7	3
125	Tailoring the Optical Properties of Organic D-π-A Photosensitizers: Effect of Sulfur Introduction in the Acceptor Group. European Journal of Organic Chemistry, 2019, 2019, 812-825.	1.2	3
126	Radical-Enhanced Intersystem Crossing in Perylene-3,4,9,10-tetracarboxylic Diimide Radical Dyads. ChemPhysChem, 2022, 23, .	1.0	3

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127	Lower excited electronic states of sulfur (S8): A two-photon study by the thermal lensing method. <i>Chemical Physics Letters</i> , 1988, 151, 236-242.	1.2	2
128	Synthesis of Silatrane-Containing Organic Sensitizers as Precursors for the Silyloxy Anchoing Group in Dye-Sensitized Solar Cells. <i>Synthesis</i> , 2017, 49, 3975-3984.	1.2	2
129	Linear and Non-Linear Middle Infrared Spectra of Penicillin G in the CO Stretching Mode Region. <i>Symmetry</i> , 2021, 13, 106.	1.1	2
130	Hydrogen Bonding and Solvation of a Proline-Based Peptide Model in Salt Solutions. <i>Life</i> , 2021, 11, 824.	1.1	2
131	Probing Water State during Lipidic Mesophases Phase Transitions. <i>Angewandte Chemie</i> , 2021, 133, 25478-25484.	1.6	2
132	Transient behaviour of coherent and incoherent processes in a three-level system. <i>Chemical Physics</i> , 1986, 103, 287-294.	0.9	1
133	Temperature dependent dephasing of internal phonons in ionic crystals: picosecond cars measurements in K ₂ SO ₄ and KClO ₄ crystals.. <i>Journal of Molecular Structure</i> , 1988, 175, 123-128.	1.8	1
134	Diagrammatic representation of the third-order polarization in transient CARS. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1991, 13, 809-819.	0.4	1
135	Non-linear optical properties of molecular systems under high static pressures. <i>Journal of Physics: Conference Series</i> , 2014, 500, 022003.	0.3	1
136	High overtones investigation of non-equivalent C-H bonds in pyridine and 2,6-lutidine by thermal lensing spectroscopy. <i>Journal of Molecular Structure</i> , 1990, 218, 117-122.	1.8	0
137	Ultrafast vibrational relaxation dynamics in the lowest excited singlet state of pyrene in solution. <i>AIP Conference Proceedings</i> , 1996, . .	0.3	0
138	Time-Resolved and Steady-State Spectroscopy of Native and Mutated Thermobifida Fusca Hemoglobins. <i>Biophysical Journal</i> , 2011, 100, 379a-380a.	0.2	0
139	Transient absorption spectroscopy of a heteroaromatic donor-acceptor-conjugated 2,2'-bipyridine dye. <i>Journal of Molecular Structure</i> , 2011, 993, 464-469.	1.8	0
140	Exciplex Formation in Lipid-Bound Escherichia coli Flavohemoglobin. <i>ChemPhysChem</i> , 2021, 22, 1134-1140.	1.0	0