Tobias Brixner

List of Publications by Citations

174 papers	9,479 citations	43 h-index	95 g-index
199 ext. papers	10,478 ext. citations	6.1 avg, IF	5.99 L-index

#	Paper	IF	Citations
174	Control of chemical reactions by feedback-optimized phase-shaped femtosecond laser pulses. *Science*, **1998**, 282, 919-22	33.3	1330
173	Two-dimensional spectroscopy of electronic couplings in photosynthesis. *Nature*, **2005**, 434, 625-8	50.4	992
172	Adaptive subwavelength control of nano-optical fields. *Nature*, **2007**, 446, 301-4	50.4	424
171	Phase-stabilized two-dimensional electronic spectroscopy. *Journal of Chemical Physics*, **2004**, 121, 4221-36	3.9	417
170	Photoselective adaptive femtosecond quantum control in the liquid phase. *Nature*, **2001**, 414, 57-60	50.4	372
169	Exciton analysis in 2D electronic spectroscopy. *Journal of Physical Chemistry B*, **2005**, 109, 10542-56	3.4	360
168	Quantum control of gas-phase and liquid-phase femtochemistry. *ChemPhysChem*, **2003**, 4, 418-38	3.2	325
167	Femtosecond polarization pulse shaping. *Optics Letters*, **2001**, 26, 557-9	3	269
166	Femtosecond pulse shaping by an evolutionary algorithm with feedback. *Applied Physics B: Lasers and Optics*, **1997**, 65, 779-782	1.9	256
165	Femtosecond quantum control of molecular dynamics in the condensed phase. *Physical Chemistry Chemical Physics*, **2007**, 9, 2470-97	3.6	237
164	Quantum control by ultrafast polarization shaping. *Physical Review Letters*, **2004**, 92, 208301	7.4	215
163	Tunable two-dimensional femtosecond spectroscopy. *Optics Letters*, **2004**, 29, 884-6	3	186
162	Two-dimensional electronic spectroscopy of the B800-B820 light-harvesting complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 12672-7	11.5	181
161	Exciton Transport in Molecular Aggregates From Natural Antennas to Synthetic Chromophore Systems. *Advanced Energy Materials*, **2017**, 7, 1700236	21.8	173
160	Coherent two-dimensional nanoscopy. *Science*, **2011**, 333, 1723-6	33.3	173
159	Spatiotemporal control of nanooptical excitations. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5329-33	11.5	121
158	Ultrafast bidirectional photoswitching of a spiropyran. *Journal of the American Chemical Society*, **2010**, 132, 16510-9	16.4	111

157	Nanoscopic ultrafast space-time-resolved spectroscopy. *Physical Review Letters*, **2005**, 95, 093901	7.4	104
156	Controlling the Femtochemistry of Fe(CO)5. *Journal of Physical Chemistry A*, **1999**, 103, 10381-10387	2.8	94
155	Femtosecond Quantum Control. *Advances in Atomic, Molecular and Optical Physics*, **2001**, 1-54	1.7	89
154	Inherently phase-stable coherent two-dimensional spectroscopy using only conventional optics. *Optics Letters*, **2008**, 33, 2851-3	3	81
153	Generation and characterization of polarization-shaped femtosecond laser pulses. *Applied Physics B: Lasers and Optics*, **2002**, 74, s133-s144	1.9	80
152	Multidimensional Electronic Spectroscopy of Photochemical Reactions. *Angewandte Chemie - International Edition*, **2015**, 54, 11368-86	16.4	77
151	Ultrafast plasmon propagation in nanowires characterized by far-field spectral interferometry. *Nano Letters*, **2012**, 12, 45-9	11.5	71
150	Feedback-controlled optimization of amplified femtosecond laser pulses. *Applied Physics B: Lasers and Optics*, **1999**, 68, 281-284	1.9	70
149	Liquid-phase adaptive femtosecond quantum control: Removing intrinsic intensity dependencies. *Journal of Chemical Physics*, **2003**, 118, 3692-3701	3.9	69
148	Coherent two-dimensional ultraviolet spectroscopy in fully noncollinear geometry. *Optics Letters*, **2010**, 35, 4178-80	3	68
147	Transient Absorption Study of Peridinin and Peridinin□chlorophyll a□Protein after Two-Photon Excitation□*Journal of Physical Chemistry B*, **2004**, 108, 10340-10345	3.4	64
146	Analytic coherent control of plasmon propagation in nanostructures. *Optics Express*, **2009**, 17, 14235-59	3.3	62
145	Problem complexity in femtosecond quantum control. *Chemical Physics*, **2001**, 267, 241-246	2.3	59
144	Rapid-scan coherent 2D fluorescence spectroscopy. *Optics Express*, **2017**, 25, 3259-3267	3.3	56
143	Reaction dynamics of a molecular switch unveiled by coherent two-dimensional electronic spectroscopy. *Journal of the American Chemical Society*, **2011**, 133, 13074-80	16.4	54
142	Deterministic spatiotemporal control of optical fields in nanoantennas and plasmonic circuits. *Physical Review B*, **2009**, 79,	3.3	53
141	Programmable common-path vector field synthesizer for femtosecond pulses. *Optics Letters*, **2007**, 32, 3379-81	3	52
140	Femtosecond pump□shaped-dump quantum control of retinal isomerization in bacteriorhodopsin. *Chemical Physics Letters*, **2006**, 433, 211-215	2.5	52

139	Direct observation of exciton-exciton interactions. *Nature Communications*, **2018**, 9, 2466	17.4	52
138	Two Dimensional Electronic Spectroscopy of Molecular Complexes. *Journal of the Chinese Chemical Society*, **2006**, 53, 15-24	1.5	49
137	Analysis of femtosecond quantum control mechanisms with colored double pulses. *Physical Review A*, **2006**, 74,	2.6	47
136	Multidimensional spectroscopy of photoreactivity. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 4764-9	11.5	46
135	Ring-closure and isomerization capabilities of spiropyran-derived merocyanine isomers. *Journal of Physical Chemistry A*, **2011**, 115, 3924-35	2.8	46
134	Time-resolved organometallic photochemistry. *Journal of Organometallic Chemistry*, **2002**, 661, 199-209	2.3	46
133	Heterogeneous exciton dynamics revealed by two-dimensional optical spectroscopy. *Journal of Physical Chemistry B*, **2006**, 110, 20032-7	3.4	45
132	Coherent Control of Plasmon Propagation in a Nanocircuit. *Physical Review Applied*, **2014**, 1,	4.3	43
131	Feedback-controlled femtosecond pulse shaping. *Applied Physics B: Lasers and Optics*, **2000**, 70, S119-S124	2.9	43
130	Ultrafast adaptive optical near-field control. *Physical Review B*, **2006**, 73,	3.3	42
129	Energy Transfer Between Squaraine Polymer Sections: From Helix to Zigzag and All the Way Back. *Journal of the American Chemical Society*, **2015**, 137, 7851-61	16.4	41
128	Adaptive shaping of femtosecond polarization profiles. *Journal of the Optical Society of America B: Optical Physics*, **2003**, 20, 878	1.7	41
127	Ultrafast UV-induced photoisomerization of intramolecularly H-bonded symmetric ß-diketones. *Journal of the American Chemical Society*, **2014**, 136, 14981-9	16.4	40
126	Perfect absorption in nanotextured thin films via Anderson-localized photon modes. *Nature Photonics*, **2015**, 9, 663-668	33.9	39
125	Ultrafast Photochemistry of a Manganese-Tricarbonyl CO-Releasing Molecule (CORM) in Aqueous Solution. *Journal of Physical Chemistry Letters*, **2013**, 4, 596-602	6.4	37
124	Solvent-Templated Folding of Perylene Bisimide Macrocycles into Coiled Double-String Ropes with Solvent-Sensitive Optical Signatures. *Journal of the American Chemical Society*, **2017**, 139, 2014-2021	16.4	35
123	Multimode plasmon excitation and in situ analysis in top-down fabricated nanocircuits. *Physical Review Letters*, **2013**, 111, 183901	7.4	34
122	The origin of the solvent dependence of fluorescence quantum yields in dipolar merocyanine dyes. *Chemical Science*, **2019**, 10, 11013-11022	9.4	34

121	Monitoring ultrafast intramolecular proton transfer processes in an unsymmetric ▯diketone. *Physical Chemistry Chemical Physics*, **2015**, 17, 8459-66	3.6	33
120	Broadband 7-fs diffractive-optic-based 2D electronic spectroscopy using hollow-core fiber compression. *Optics Express*, **2016**, 24, 20781-91	3.3	33
119	Analytic Optimization of Near-Field Optical Chirality Enhancement. *ACS Photonics*, **2017**, 4, 396-406	6.3	32
118	Coherent two-dimensional fluorescence micro-spectroscopy. *Optics Express*, **2018**, 26, 3915-3925	3.3	32
117	Synthesis and Electron Transfer Characteristics of a Neutral, Low-Band-Gap, Mixed-Valence Polyradical. *Chemistry of Materials*, **2010**, 22, 6641-6655	9.6	32
116	Ultrafast exciton dynamics after Soret- or Q-band excitation of a directly ▯▯linked bisporphyrin. *Physical Chemistry Chemical Physics*, **2012**, 14, 8038-50	3.6	31
115	100-kHz shot-to-shot broadband data acquisition for high-repetition-rate pump-probe spectroscopy. *Optics Express*, **2014**, 22, 16965-75	3.3	30
114	Generation of shaped ultraviolet pulses at the third harmonic of titanium-sapphire femtosecond laser radiation. *Applied Physics B: Lasers and Optics*, **2007**, 88, 519-526	1.9	29
113	Ultrafast multisequential photochemistry of 5-diazo Meldrum▯s acid. *Journal of the American Chemical Society*, **2010**, 132, 15213-22	16.4	27
112	The von Neumann picture: a new representation for ultrashort laser pulses. *Optics Express*, **2007**, 15, 15387-401	3.3	27
111	Generation of polarization-shaped ultraviolet femtosecond pulses. *Optics Letters*, **2008**, 33, 803-5	3	26
110	Femtosecond learning control of quantum dynamics in gases and liquids: Technology and applications. *Journal of Modern Optics*, **2003**, 50, 539-560	1.1	26
109	Poincar▯ representation of polarization-shaped femtosecond laser pulses. *Applied Physics B: Lasers and Optics*, **2003**, 76, 531-540	1.9	26
108	Fluorescence-Detected Two-Quantum and One-Quantum-Two-Quantum 2D Electronic Spectroscopy. *Journal of Physical Chemistry Letters*, **2018**, 9, 1964-1969	6.4	25
107	Photoisomerization among ring-open merocyanines. I. Reaction dynamics and wave-packet oscillations induced by tunable femtosecond pulses. *Journal of Chemical Physics*, **2014**, 140, 224310	3.9	25
106	Cavity-assisted ultrafast long-range periodic energy transfer between plasmonic nanoantennas. *Light: Science and Applications*, **2017**, 6, e17111	16.7	25
105	Generalized magic angle for time-resolved spectroscopy with laser pulses of arbitrary ellipticity. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2014**, 47, 124014	1.3	25
104	Subwavelength broadband splitters and switches for femtosecond plasmonic signals. *Optics Express*, **2010**, 18, 11810-20	3.3	25

103	Interplay between structural hierarchy and exciton diffusion in artificial light harvesting. *Nature Communications*, **2019**, 10, 4615	17.4	24
102	Femtosecond midinfrared study of the photoinduced Wolff rearrangement of diazonaphthoquinone. *Journal of Chemical Physics*, **2008**, 129, 094504	3.9	24
101	Ultrafast photoconversion of the green fluorescent protein studied by accumulative femtosecond spectroscopy. *Biophysical Journal*, **2009**, 96, 2763-70	2.9	23
100	Coherent two-dimensional electronic mass spectrometry. *Nature Communications*, **2018**, 9, 2519	17.4	23
99	Tracing the steps of photoinduced chemical reactions in organic molecules by coherent two-dimensional electronic spectroscopy using triggered exchange. *Physical Review Letters*, **2013**, 110, 148305	7.4	22
98	Properties of wave packets deduced from quantum control fitness landscapes. *Europhysics Letters*, **2007**, 80, 53001	1.6	22
97	Ultrafast Energy Transfer between Disordered and Highly Planarized Chains of Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene] (MEH-PPV). *ACS Macro Letters*, **2015**, 4, 412-416	6.6	21
96	Optimal open-loop near-field control of plasmonic nanostructures. *New Journal of Physics*, **2012**, 14, 033030	2.9	20
95	Quantum control of the photoinduced Wolff rearrangement of diazonaphthoquinone in the condensed phase. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2008**, 41, 074025	1.3	20
94	Femtosecond learning control of quantum dynamics in gases and liquids: Technology and applications		19
93	From wavelike to sub-diffusive motion: exciton dynamics and interaction in squaraine copolymers of varying length. *Chemical Science*, **2019**, 11, 456-466	9.4	18
92	Two-dimensional electronic spectroscopy can fully characterize the population transfer in molecular systems. *Journal of Chemical Physics*, **2016**, 145, 124312	3.9	18
91	Relaxation dynamics and exciton energy transfer in the low-temperature phase of MEH-PPV. *Journal of Chemical Physics*, **2015**, 142, 212429	3.9	17
90	Photophysics of delocalized excitons in carbazole dendrimers. *Journal of Physical Chemistry A*, **2013**, 117, 6270-8	2.8	17
89	Adaptive ultrafast nano-optics in a tight focus. *Applied Physics B: Lasers and Optics*, **2006**, 84, 89-95	1.9	17
88	Excited-state intramolecular proton transfer of 2-acetylindan-1,3-dione studied by ultrafast absorption and fluorescence spectroscopy. *Structural Dynamics*, **2016**, 3, 023606	3.2	17
87	Full vector-field control of ultrashort laser pulses utilizing a single dual-layer spatial light modulator in a common-path setup. *Journal of the Optical Society of America B: Optical Physics*, **2015**, 32, 933	1.7	16
86	Polarization-shaped femtosecond laser pulses in the ultraviolet. *Journal of Optics*, **2009**, 11, 085202		16

85	Determination of local optical response functions of nanostructures with increasing complexity by using single and coupled Lorentzian oscillator models. *Applied Physics B: Lasers and Optics*, **2016**, 122, 1	1.9	15
84	Rapid multiple-quantum three-dimensional fluorescence spectroscopy disentangles quantum pathways. *Nature Communications*, **2019**, 10, 4735	17.4	15
83	Photoisomerization among ring-open merocyanines. II. A computational study. *Journal of Chemical Physics*, **2014**, 140, 224311	3.9	15
82	Nano-Optical Control of Hot-Spot Field Superenhancement on a Corrugated Silver Surface. *IEEE Journal of Selected Topics in Quantum Electronics*, **2012**, 18, 275-282	3.8	15
81	Molecular quantum control landscapes in von Neumann time-frequency phase space. *Journal of Chemical Physics*, **2010**, 133, 164510	3.9	15
80	Shaping and spatiotemporal characterization of sub-10-fs pulses focused by a high-NA objective. *Optics Express*, **2014**, 22, 31496-510	3.3	14
79	Mapping of exciton-exciton annihilation in a molecular dimer via fifth-order femtosecond two-dimensional spectroscopy. *Journal of Chemical Physics*, **2019**, 150, 104304	3.9	13
78	Optimal Control of Atomic, Molecular and Electron Dynamics with Tailored Femtosecond Laser Pulses **2005**, 225-266		13
77	Identification of photofragmentation patterns in trihalide anions by global analysis of vibrational wavepacket dynamics in broadband transient absorption data. *Physical Chemistry Chemical Physics*, **2016**, 18, 33287-33302	3.6	13
76	Quantum control spectroscopy of competing reaction pathways in a molecular switch. *Journal of Physical Chemistry A*, **2014**, 118, 11364-72	2.8	12
75	Coherent two-dimensional electronic spectroscopy in the Soret band of a chiral porphyrin dimer. *New Journal of Physics*, **2013**, 15, 025006	2.9	12
74	Accurate and efficient implementation of the von Neumann representation for laser pulses with discrete and finite spectra. *New Journal of Physics*, **2009**, 11, 105052	2.9	12
73	Rotation-translation device for condensed-phase spectroscopy with small sample volumes. *Review of Scientific Instruments*, **2006**, 77, 083113	1.7	12
72	Product accumulation for ultrasensitive femtochemistry. *Optics Letters*, **2007**, 32, 3346-8	3	12
71	Signatures of exciton dynamics and interaction in coherently and fluorescence-detected four- and six-wave-mixing two-dimensional electronic spectroscopy. *Journal of Chemical Physics*, **2020**, 153, 144204	2.9	12
70	Coherently and fluorescence-detected two-dimensional electronic spectroscopy: direct comparison on squaraine dimers. *Physical Chemistry Chemical Physics*, **2020**, 22, 21222-21237	3.6	12
69	Nanoscale force manipulation in the vicinity of a metal nanostructure. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2007**, 40, S249-S258	1.3	11
68	Space- and time-resolved UV-to-NIR surface spectroscopy and 2D nanoscopy at 1 MHz repetition rate. *Review of Scientific Instruments*, **2019**, 90, 113103	1.7	11

67	Optimizing sparse sampling for 2D electronic spectroscopy. *Journal of Chemical Physics*, **2017**, 146, 084201	3.9	10
66	Mapping of exciton-exciton annihilation in MEH-PPV by time-resolved spectroscopy: experiment and microscopic theory. *Physical Chemistry Chemical Physics*, **2017**, 19, 31989-31996	3.6	10
65	Modelling of ultrafast coherent strong-field dynamics in potassium with neural networks. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2008**, 41, 074019	1.3	10
64	Femtosecond shaping of transverse and longitudinal light polarization. *Optics Letters*, **2004**, 29, 2187-9	3	10
63	Observing Multiexciton Correlations in Colloidal Semiconductor Quantum Dots Multiple-Quantum Two-Dimensional Fluorescence Spectroscopy. *ACS Nano*, **2021**, 15, 4647-4657	16.7	9
62	Exciton-phonon coupling strength in single-layer MoSe at room temperature. *Nature Communications*, **2021**, 12, 954	17.4	9
61	Molecular Coherent Three-Quantum Two-Dimensional Fluorescence Spectroscopy. *Journal of Physical Chemistry Letters*, **2020**, 11, 5139-5147	6.4	8
60	Precise and rapid detection of optical activity for accumulative femtosecond spectroscopy. *Optics Express*, **2012**, 20, 11838-54	3.3	8
59	Spectral-interference microscopy for characterization of functional plasmonic elements. *Optics Express*, **2012**, 20, 14632-47	3.3	8
58	Molecular dump processes induced by chirped laser pulses. *Journal of Chemical Physics*, **2008**, 129, 074303	3.9	8
57	Spatial Variations in Femtosecond Field Dynamics within a Plasmonic Nanoresonator Mode. *Nano Letters*, **2019**, 19, 4651-4658	11.5	7
56	Ultrafast photofragment ion spectroscopy of the Wolff rearrangement in 5-diazo Meldrum's acid. *Physical Chemistry Chemical Physics*, **2014**, 16, 7290-8	3.6	7
55	Optical discrimination of racemic from achiral solutions. *Physical Chemistry Chemical Physics*, **2015**, 17, 6340-6	3.6	7
54	Similarities and differences in the optical response of perylene-based hetero-bichromophores and their monomeric units. *ChemPhysChem*, **2013**, 14, 1413-22	3.2	7
53	Adaptive coherent control using the von Neumann basis. *Physical Chemistry Chemical Physics*, **2011**, 13, 8627-36	3.6	7
52	Unraveling the structure and exciton coupling for multichromophoric merocyanine dye molecules. *Physical Chemistry Chemical Physics*, **2017**, 19, 6368-6378	3.6	6
51	Measuring Charge-Separation Dynamics via Oligomer Length Variation. *Journal of Physical Chemistry C*, **2014**, 118, 23586-23598	3.8	6
50	Modeling of light-matter interactions with neural networks. *Physical Review A*, **2007**, 76,	2.6	6

49	Direct observation of -benzyne formation in photochemical hexadehydro-Diels-Alder (-HDDA) reactions. *Chemical Science*, **2020**, 11, 9198-9208	9.4	6
48	Multidimensionale elektronische Spektroskopie photochemischer Reaktionen. *Angewandte Chemie*, **2015**, 127, 11526-11546	3.6	5
47	Field control in the tight focus of polarization-shaped laser pulses. *Applied Physics B: Lasers and Optics*, **2007**, 89, 553-558	1.9	5
46	Experimental implementation of ultrashort laser pulses in the von Neumann picture. *Applied Physics B: Lasers and Optics*, **2008**, 93, 763-772	1.9	5
45	Generating laser-pulse enantiomers. *Optics Express*, **2017**, 25, 21735-21752	3.3	4
44	Correlating Nanoscale Optical Coherence Length and Microscale Topography in Organic Materials by Coherent Two-Dimensional Microspectroscopy. *Nano Letters*, **2020**, 20, 6452-6458	11.5	4
43	An excited state dynamics driven reaction: wavelength-dependent photoisomerization quantum yields in [Ru(bpy)(dmso)]. *Chemical Science*, **2020**, 11, 5797-5807	9.4	3
42	Ultrafast charge-transfer dynamics of donor-substituted truxenones. *Physical Chemistry Chemical Physics*, **2012**, 14, 11081-9	3.6	3
41	The von Neumann representation as a joint time-frequency parameterization for polarization-shaped femtosecond laser pulses. *Applied Physics B: Lasers and Optics*, **2012**, 107, 1-9	1.9	3
40	Generation of femtosecond pulse sequences in the ultraviolet by spectral phase modulation **2006**, 6187, 151		3
39	Automated Coherent Control of Chemical Reactions and Pulse Compression by an Evolutionary Algorithm with Feedback. *Springer Series in Chemical Physics*, **1998**, 471-473	0.3	3
38	The role of the dipolar neighborhood on the relaxation dynamics of multichromophoric merocyanines. *Physical Chemistry Chemical Physics*, **2016**, 18, 19820-31	3.6	3
37	Ultrafast intramolecular energy transfer in a nanostructured organosilicon luminophore based on p-terphenyl and 1,4-bis(5-phenyloxazol-2-yl)benzene. *Journal of Materials Chemistry C*, **2019**, 7, 14612-14624	7.1	3
36	Disentangling the photochemistry of benzocyclobutenedione. *Physical Chemistry Chemical Physics*, **2018**, 20, 15434-15444	3.6	3
35	Ultrafast isomerization in a difluoroboryl-coordinated molecular switch. *Chemical Physics Letters*, **2017**, 683, 83-90	2.5	2
34	Coherent control of nano-optical excitations135-156		2
33	Adaptive Quantum Control of Femtochemistry. *Physica Scripta*, **2004**, 110, 101	2.6	2
32	Anisotropy in fifth-order exciton-exciton-interaction two-dimensional spectroscopy. *Journal of Chemical Physics*, **2021**, 154, 154202	3.9	2

31	Fluorescence-Detected Pump-Probe Spectroscopy. *Angewandte Chemie - International Edition*, **2021**, 60, 18867-18875	16.4	2
30	Investigation of the nonlinear refractive index of single-crystalline thin gold films and plasmonic nanostructures. *Applied Physics B: Lasers and Optics*, **2016**, 122, 1	1.9	2
29	Hybridized Exciton-Photon-Phonon States in a Transition Metal Dichalcogenide van der Waals Heterostructure Microcavity.. *Physical Review Letters*, **2022**, 128, 087401	7.4	2
28	Time-resolved photoemission electron microscopy of a plasmonic slit resonator using 1 MHz, 25 fs, UV-to-NIR-tunable pulses. *EPJ Web of Conferences*, **2019**, 205, 08002	0.3	1
27	Coherent spectroscopies on ultrashort time and length scales. *EPJ Web of Conferences*, **2013**, 41, 09017	0.3	1
26	Two-Dimensional Optical Heterodyne Spectroscopy of Molecular Complexes. *Springer Series in Chemical Physics*, **2005**, 554-556	0.3	1
25	Ultrakurzzeitphysik: Laser-optimierte Femtochemie: Quantenkontrolle durch lernfähige Femtosekunden-Laser. *Physik Journal*, **2001**, 57, 33-39		1
24	Chirality-Sensitive Ultrafast Spectroscopy **2016**,		1
23	Multidimensional Electronic Spectroscopy in Molecular Beams with Mass-Resolved Ion Detection **2016**,		1
22	2D Electronic Spectroscopy of the B800–B820 LH3 Light-Harvesting Complex **2006**, 372-376		1
21	Coherent two-dimensional electronic spectroelectrochemistry. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 253, 119567	4.4	1
20	Coherent 2D electronic spectroscopy with complete characterization of excitation pulses during all scanning steps. *Optics Express*, **2021**, 29, 4191-4209	3.3	1
19	Control of Quantum Dynamics by Adaptive Femtosecond Pulse Shaping. *Springer Series in Chemical Physics*, **2001**, 19-23	0.3	0
18	Spatially resolved coherent 2D fluorescence spectroscopy within a high-NA microscope. *EPJ Web of Conferences*, **2019**, 205, 03014	0.3	
17	Fluorescence-detected two-quantum and one-quantum-two-quantum 2D electronic spectros-copy of Rhodamine 700. *EPJ Web of Conferences*, **2019**, 205, 03012	0.3	
16	Precise and Rapid Detection of Optical Activity for Accumulative Femtosecond Spectroscopy. *EPJ Web of Conferences*, **2013**, 41, 12011	0.3	
15	Exploring Higher-Lying Electronic States of a Molecular Switch by Coherent Triggered-Exchange 2D Electronic Spectroscopy. *EPJ Web of Conferences*, **2013**, 41, 05001	0.3	
14	Femtosecond Mid-Infrared Study of the Aqueous Solution Photochemistry of a CO-Releasing Molecule (CORM). *EPJ Web of Conferences*, **2013**, 41, 05004	0.3	

List of Publications

13	Adaptive Sub-Wavelength Control of Nano-Optical Fields **2007**, LWD2	
12	Electronic 2D Spectroscopy of Light Harvesting **2006**, 331-336	
11	Space□Time Control in Ultrafast Nano-Optics. *Springer Series in Chemical Physics*, **2005**, 670-672	0.3
10	Adaptive Femtosecond Quantam Control in the Liquid Phase. *Springer Series in Chemical Physics*, **2003**, 481-483	0.3
9	Adaptive Femtosecond Quantum Control. *Springer Series in Optical Sciences*, **2004**, 119-128	0.5
8	Adaptive polarization control of molecular dynamics. *Springer Series in Chemical Physics*, **2005**, 864-866	0.3
7	Adaptive Control of Nanoscopic Photoelectron Emission. *Springer Series in Chemical Physics*, **2007**, 633-635	0.3
6	Discriminating Racemic from Achiral Solutions with Femtosecond Accumulative Spectroscopy. *Springer Proceedings in Physics*, **2015**, 369-372	0.2
5	The Ultrafast Wolff Rearrangement in the Gas Phase. *Springer Proceedings in Physics*, **2015**, 180-183	0.2
4	Quantum Control of the Photoinduced Wolff Rearrangement of Diazonaphthoquinone in the Condensed Phase Using Mid-Infrared Spectroscopy. *Springer Series in Chemical Physics*, **2009**, 433-435	0.3
3	Simultaneous Spatial and Temporal Control of Nanooptical Fields. *Springer Series in Chemical Physics*, **2009**, 705-707	0.3
2	Femtosecond dynamics of diphenylpropynylidene in ethanol and dichloromethane. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119606	4.4
1	Fluoreszenz-detektierte Pump-Probe-Spektroskopie. *Angewandte Chemie*, **2021**, 133, 19015-19024	3.6