Tobias Brixner

List of Publications by Year
in descending order

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192 papers	11,160 citations	50170 46 h-index	38300 95 g-index
199 all docs	199 docs citations	199 times ranked	6720 citing authors

#	Article	IF	Citations
1	Control of Chemical Reactions by Feedback-Optimized Phase-Shaped Femtosecond Laser Pulses. , 1998, 282, 919-922.		1,482
2	Two-dimensional spectroscopy of electronic couplings in photosynthesis. Nature, 2005, 434, 625-628.	13.7	1,115
3	Adaptive subwavelength control of nano-optical fields. Nature, 2007, 446, 301-304.	13.7	508
4	Phase-stabilized two-dimensional electronic spectroscopy. Journal of Chemical Physics, 2004, 121, 4221-4236.	1.2	465
5	Photoselective adaptive femtosecond quantum control in the liquid phase. Nature, 2001, 414, 57-60.	13.7	408
6	Exciton Analysis in 2D Electronic Spectroscopy. Journal of Physical Chemistry B, 2005, 109, 10542-10556.	1.2	391
7	Quantum Control of Gas-Phase and Liquid-Phase Femtochemistry. ChemPhysChem, 2003, 4, 418-438.	1.0	355
8	Femtosecond polarization pulse shaping. Optics Letters, 2001, 26, 557.	1.7	319
9	Femtosecond pulse shaping by an evolutionary algorithm with feedback. Applied Physics B: Lasers and Optics, 1997, 65, 779-782.	1.1	305
10	Femtosecond quantum control of molecular dynamics in the condensed phase. Physical Chemistry Chemical Physics, 2007, 9, 2470.	1.3	263
11	Exciton Transport in Molecular Aggregates â€“ From Natural Antennas to Synthetic Chromophore Systems. Advanced Energy Materials, 2017, 7, 1700236.	10.2	249
12	Quantum Control by Ultrafast Polarization Shaping. Physical Review Letters, 2004, 92, 208301.	2.9	244
13	Coherent Two-Dimensional Nanoscopy. Science, 2011, 333, 1723-1726.	6.0	212
14	Tunable two-dimensional femtosecond spectroscopy. Optics Letters, 2004, 29, 884.	1.7	208
15	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, 12672-12677.	3.3	197
16	Spatiotemporal control of nanooptical excitations. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5329-5333.	3.3	143
17	Ultrafast Bidirectional Photoswitching of a Spiropyran. Journal of the American Chemical Society, 2010, 132, 16510-16519.	6.6	128
18	Nanoscopic Ultrafast Space-Time-Resolved Spectroscopy. Physical Review Letters, 2005, 95, 093901.	2.9	120

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19	Femtosecond Quantum Control. Advances in Atomic, Molecular and Optical Physics, 2001, , 1-54.	2.3	103
20	Controlling the Femtochemistry of Fe(CO)5. Journal of Physical Chemistry A, 1999, 103, 10381-10387.	1.1	99
21	Multidimensional Electronic Spectroscopy of Photochemical Reactions. Angewandte Chemie - International Edition, 2015, 54, 11368-11386.	7.2	96
22	Generation and characterization of polarization-shaped femtosecond laser pulses. Applied Physics B: Lasers and Optics, 2002, 74, s133-s144.	1.1	90
23	Inherently phase-stable coherent two-dimensional spectroscopy using only conventional optics. Optics Letters, 2008, 33, 2851.	1.7	89
24	Feedback-controlled optimization of amplified femtosecond laser pulses. Applied Physics B: Lasers and Optics, 1999, 68, 281-284.	1.1	81
25	Ultrafast Plasmon Propagation in Nanowires Characterized by Far-Field Spectral Interferometry. Nano Letters, 2012, 12, 45-49.	4.5	78
26	Liquid-phase adaptive femtosecond quantum control: Removing intrinsic intensity dependencies. Journal of Chemical Physics, 2003, 118, 3692-3701.	1.2	77
27	Direct observation of excitonâ€“exciton interactions. Nature Communications, 2018, 9, 2466.	5.8	76
28	Coherent two-dimensional ultraviolet spectroscopy in fully noncollinear geometry. Optics Letters, 2010, 35, 4178.	1.7	72
29	Transient Absorption Study of Peridinin and Peridininâ^'Chlorophyllaâ^'Protein after Two-Photon Excitationâ€. Journal of Physical Chemistry B, 2004, 108, 10340-10345.	1.2	70
30	The origin of the solvent dependence of fluorescence quantum yields in dipolar merocyanine dyes. Chemical Science, 2019, 10, 11013-11022.	3.7	67
31	Analytic coherent control of plasmon propagation in nanostructures. Optics Express, 2009, 17, 14235.	1.7	66
32	Rapid-scan coherent 2D fluorescence spectroscopy. Optics Express, 2017, 25, 3259.	1.7	65
33	Two Dimensional Electronic Spectroscopy of Molecular Complexes. Journal of the Chinese Chemical Society, 2006, 53, 15-24.	0.8	64
34	Programmable common-path vector field synthesizer for femtosecond pulses. Optics Letters, 2007, 32, 3379.	1.7	63
35	Problem complexity in femtosecond quantum control. Chemical Physics, 2001, 267, 241-246.	0.9	62
36	Deterministic spatiotemporal control of optical fields in nanoantennas and plasmonic circuits. Physical Review B, 2009, 79, .	1.1	62

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37	Feedback-controlled femtosecond pulse shaping. Applied Physics B: Lasers and Optics, 2000, 70, S119-S124.	1.1	59
38	Reaction Dynamics of a Molecular Switch Unveiled by Coherent Two-Dimensional Electronic Spectroscopy. Journal of the American Chemical Society, 2011, 133, 13074-13080.	6.6	59
39	Femtosecond pumpâ€“shaped-dump quantum control of retinal isomerization in bacteriorhodopsin. Chemical Physics Letters, 2006, 433, 211-215.	1.2	58
40	Ring-Closure and Isomerization Capabilities of Spiropyran-Derived Merocyanine Isomers. Journal of Physical Chemistry A, 2011, 115, 3924-3935.	1.1	53
41	Multidimensional spectroscopy of photoreactivity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4764-4769.	3.3	53
42	Coherent Control of Plasmon Propagation in a Nanocircuit. Physical Review Applied, 2014, 1, .	1.5	51
43	Heterogeneous Exciton Dynamics Revealed by Two-Dimensional Optical Spectroscopyâ€. Journal of Physical Chemistry B, 2006, 110, 20032-20037.	1.2	50
44	Ultrafast adaptive optical near-field control. Physical Review B, 2006, 73, .	1.1	50
45	Analysis of femtosecond quantum control mechanisms with colored double pulses. Physical Review A, 2006, 74, .	1.0	50
46	Energy Transfer Between Squaraine Polymer Sections: From Helix to Zigzag and All the Way Back. Journal of the American Chemical Society, 2015, 137, 7851-7861.	6.6	50
47	Ultrafast UV-Induced Photoisomerization of Intramolecularly H-Bonded Symmetric Î²-Diketones. Journal of the American Chemical Society, 2014, 136, 14981-14989.	6.6	49
48	Time-resolved organometallic photochemistry. Journal of Organometallic Chemistry, 2002, 661, 199-209.	0.8	47
49	Perfect absorption in nanotextured thin films via Anderson-localized photon modes. Nature Photonics, 2015, 9, 663-668.	15.6	46
50	100-kHz shot-to-shot broadband data acquisition for high-repetition-rate pumpâ€“probe spectroscopy. Optics Express, 2014, 22, 16965.	1.7	45
51	Monitoring ultrafast intramolecular proton transfer processes in an unsymmetric Î²-diketone. Physical Chemistry Chemical Physics, 2015, 17, 8459-8466.	1.3	45
52	Coherent two-dimensional fluorescence micro-spectroscopy. Optics Express, 2018, 26, 3915.	1.7	44
53	Interplay between structural hierarchy and exciton diffusion in artificial light harvesting. Nature Communications, 2019, 10, 4615.	5.8	44
54	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.	6.6	43

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55	Adaptive shaping of femtosecond polarization profiles. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 878.	0.9	42
56	Ultrafast Photochemistry of a Manganese-Tricarbonyl CO-Releasing Molecule (CORM) in Aqueous Solution. Journal of Physical Chemistry Letters, 2013, 4, 596-602.	2.1	42
57	Multimode Plasmon Excitation andInÂSituAnalysis in Top-Down Fabricated Nanocircuits. Physical Review Letters, 2013, 111, 183901.	2.9	42
58	Coherent two-dimensional electronic mass spectrometry. Nature Communications, 2018, 9, 2519.	5.8	42
59	Broadband 7-fs diffractive-optic-based 2D electronic spectroscopy using hollow-core fiber compression. Optics Express, 2016, 24, 20781.	1.7	41
60	Analytic Optimization of Near-Field Optical Chirality Enhancement. ACS Photonics, 2017, 4, 396-406.	3.2	39
61	From wavelike to sub-diffusive motion: exciton dynamics and interaction in squaraine copolymers of varying length. Chemical Science, 2020, 11, 456-466.	3.7	38
62	Substituent-dependent absorption and fluorescence properties of perylene bisimide radical anions and dianions. Materials Horizons, 2022, 9, 350-359.	6.4	38
63	Ultrafast exciton dynamics after Soret- or Q-band excitation of a directly Î²,Î²â€²-linked bisporphyrin. Physical Chemistry Chemical Physics, 2012, 14, 8038.	1.3	37
64	Synthesis and Electron Transfer Characteristics of a Neutral, Low-Band-Gap, Mixed-Valence Polyradical. Chemistry of Materials, 2010, 22, 6641-6655.	3.2	35
65	Photoisomerization among ring-open merocyanines. I. Reaction dynamics and wave-packet oscillations induced by tunable femtosecond pulses. Journal of Chemical Physics, 2014, 140, 224310.	1.2	35
66	Fluorescence-Detected Two-Quantum and One-Quantumâ€“Two-Quantum 2D Electronic Spectroscopy. Journal of Physical Chemistry Letters, 2018, 9, 1964-1969.	2.1	35
67	Excitonâ€“phonon coupling strength in single-layer MoSe2 at room temperature. Nature Communications, 2021, 12, 954.	5.8	35
68	PoincarÃ© representation of polarization-shaped femtosecond laser pulses. Applied Physics B: Lasers and Optics, 2003, 76, 531-540.	1.1	34
69	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.	1.1	33
70	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.	0.6	33
71	Cavity-assisted ultrafast long-range periodic energy transfer between plasmonic nanoantennas. Light: Science and Applications, 2017, 6, e17111-e17111.	7.7	33
72	Generation of polarization-shaped ultraviolet femtosecond pulses. Optics Letters, 2008, 33, 803.	1.7	32

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73	Ultrafast Multisequential Photochemistry of 5-Diazo Meldrumâ€™s Acid. Journal of the American Chemical Society, 2010, 132, 15213-15222.	6.6	31
74	Subwavelength broadband splitters and switches for femtosecond plasmonic signals. Optics Express, 2010, 18, 11810.	1.7	31
75	Coherently and fluorescence-detected two-dimensional electronic spectroscopy: direct comparison on squaraine dimers. Physical Chemistry Chemical Physics, 2020, 22, 21222-21237.	1.3	30
76	Observing Multiexciton Correlations in Colloidal Semiconductor Quantum Dots via Multiple-Quantum Two-Dimensional Fluorescence Spectroscopy. ACS Nano, 2021, 15, 4647-4657.	7.3	29
77	The von Neumann picture: a new representation for ultrashort laser pulses. Optics Express, 2007, 15, 15387.	1.7	28
78	Femtosecond learning control of quantum dynamics in gases and liquids: Technology and applications. Journal of Modern Optics, 2003, 50, 539-560.	0.6	27
79	Rapid multiple-quantum three-dimensional fluorescence spectroscopy disentangles quantum pathways. Nature Communications, 2019, 10, 4735.	5.8	27
80	Femtosecond midinfrared study of the photoinduced Wolff rearrangement of diazonaphthoquinone. Journal of Chemical Physics, 2008, 129, 094504.	1.2	25
81	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.	2.9	25
82	Optimal open-loop near-field control of plasmonic nanostructures. New Journal of Physics, 2012, 14, 033030.	1.2	24
83	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.	2.3	24
84	Two-dimensional electronic spectroscopy can fully characterize the population transfer in molecular systems. Journal of Chemical Physics, 2016, 145, 124312.	1.2	24
85	Properties of wave packets deduced from quantum control fitness landscapes. Europhysics Letters, 2007, 80, 53001.	0.7	23
86	Ultrafast Photoconversion of the Green Fluorescent Protein Studied by Accumulative Femtosecond Spectroscopy. Biophysical Journal, 2009, 96, 2763-2770.	0.2	23
87	Excited-state intramolecular proton transfer of 2-acetylindan-1,3-dione studied by ultrafast absorption and fluorescence spectroscopy. Structural Dynamics, 2016, 3, 023606.	0.9	23
88	Space- and time-resolved UV-to-NIR surface spectroscopy and 2D nanoscopy at 1 MHz repetition rate. Review of Scientific Instruments, 2019, 90, 113103.	0.6	23
89	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.	1.2	23
90	Femtosecond learning control of quantum dynamics in gases and liquids: Technology and applications. , 0, .		22

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91	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.	1.1	21
92	Adaptive ultrafast nano-optics in a tight focus. Applied Physics B: Lasers and Optics, 2006, 84, 89-95.	1.1	20
93	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.	0.6	20
94	Polarization-shaped femtosecond laser pulses in the ultraviolet. Journal of Optics, 2009, 11, 085202.	1.5	19
95	Photoisomerization among ring-open merocyanines. II. A computational study. Journal of Chemical Physics, 2014, 140, 224311.	1.2	19
96	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.	1.3	19
97	Mapping of excitonâ€“exciton annihilation in a molecular dimer via fifth-order femtosecond two-dimensional spectroscopy. Journal of Chemical Physics, 2019, 150, 104304.	1.2	19
98	Relaxation dynamics and exciton energy transfer in the low-temperature phase of MEH-PPV. Journal of Chemical Physics, 2015, 142, 212429.	1.2	18
99	Photophysics of Delocalized Excitons in Carbazole Dendrimers. Journal of Physical Chemistry A, 2013, 117, 6270-6278.	1.1	17
100	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.	0.9	17
101	Femtosecond shaping of transverse and longitudinal light polarization. Optics Letters, 2004, 29, 2187.	1.7	16
102	Optimal Control of Atomic, Molecular and Electron Dynamics with Tailored Femtosecond Laser Pulses. , 2005, , 225-266.		16
103	Fluorescenceâ€Detected Pumpâ€“Probe Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 18867-18875.	7.2	16
104	Molecular quantum control landscapes in von Neumann time-frequency phase space. Journal of Chemical Physics, 2010, 133, 164510.	1.2	15
105	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.	1.9	15
106	Coherent two-dimensional electronic spectroscopy in the Soret band of a chiral porphyrin dimer. New Journal of Physics, 2013, 15, 025006.	1.2	15
107	Shaping and spatiotemporal characterization of sub-10-fs pulses focused by a high-NA objective. Optics Express, 2014, 22, 31496.	1.7	15
108	Spatial Variations in Femtosecond Field Dynamics within a Plasmonic Nanoresonator Mode. Nano Letters, 2019, 19, 4651-4658.	4.5	14

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109	Molecular Coherent Three-Quantum Two-Dimensional Fluorescence Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 5139-5147.	2.1	14
110	Product accumulation for ultrasensitive femtochemistry. Optics Letters, 2007, 32, 3346.	1.7	13
111	Quantum Control Spectroscopy of Competing Reaction Pathways in a Molecular Switch. Journal of Physical Chemistry A, 2014, 118, 11364-11372.	1.1	13
112	Optimizing sparse sampling for 2D electronic spectroscopy. Journal of Chemical Physics, 2017, 146, 084201.	1.2	13
113	Mapping of excitonâ€“exciton annihilation in MEH-PPV by time-resolved spectroscopy: experiment and microscopic theory. Physical Chemistry Chemical Physics, 2017, 19, 31989-31996.	1.3	13
114	Hybridized Exciton-Photon-Phonon States in a Transition Metal Dichalcogenide van der Waals Heterostructure Microcavity. Physical Review Letters, 2022, 128, 087401.	2.9	13
115	Rotation-translation device for condensed-phase spectroscopy with small sample volumes. Review of Scientific Instruments, 2006, 77, 083113.	0.6	12
116	Modelling of ultrafast coherent strong-field dynamics in potassium with neural networks. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 074019.	0.6	12
117	Accurate and efficient implementation of the von Neumann representation for laser pulses with discrete and finite spectra. New Journal of Physics, 2009, 11, 105052.	1.2	12
118	Precise and rapid detection of optical activity for accumulative femtosecond spectroscopy. Optics Express, 2012, 20, 11838.	1.7	12
119	Nanoscale force manipulation in the vicinity of a metal nanostructure. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, S249-S258.	0.6	11
120	Direct observation of o-benzyne formation in photochemical hexadehydro-Dielsâ€“Alder (hÎ½-HDDA) reactions. Chemical Science, 2020, 11, 9198-9208.	3.7	11
121	Unraveling the structure and exciton coupling for multichromophoric merocyanine dye molecules. Physical Chemistry Chemical Physics, 2017, 19, 6368-6378.	1.3	10
122	Molecular dump processes induced by chirped laser pulses. Journal of Chemical Physics, 2008, 129, 074303.	1.2	9
123	Similarities and Differences in the Optical Response of Peryleneâ€Based Heteroâ€Bichromophores and Their Monomeric Units. ChemPhysChem, 2013, 14, 1413-1422.	1.0	9
124	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.	2.7	9
125	Modeling of light-matter interactions with neural networks. Physical Review A, 2007, 76, .	1.0	8
126	Spectral-interference microscopy for characterization of functional plasmonic elements. Optics Express, 2012, 20, 14632.	1.7	8

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127	Ultrafast photofragment ion spectroscopy of the Wolff rearrangement in 5-diazo Meldrum's acid. Physical Chemistry Chemical Physics, 2014, 16, 7290.	1.3	8
128	Correlating Nanoscale Optical Coherence Length and Microscale Topography in Organic Materials by Coherent Two-Dimensional Microspectroscopy. Nano Letters, 2020, 20, 6452-6458.	4.5	8
129	Field control in the tight focus of polarization-shaped laser pulses. Applied Physics B: Lasers and Optics, 2007, 89, 553-558.	1.1	7
130	Adaptive coherent control using the von Neumann basis. Physical Chemistry Chemical Physics, 2011, 13, 8627.	1.3	7
131	The von Neumann representation as a joint timeâ€“frequency parameterization for polarization-shaped femtosecond laser pulses. Applied Physics B: Lasers and Optics, 2012, 107, 1-9.	1.1	7
132	Measuring Charge-Separation Dynamics via Oligomer Length Variation. Journal of Physical Chemistry C, 2014, 118, 23586-23598.	1.5	7
133	Optical discrimination of racemic from achiral solutions. Physical Chemistry Chemical Physics, 2015, 17, 6340-6346.	1.3	7
134	Generating laser-pulse enantiomers. Optics Express, 2017, 25, 21735.	1.7	6
135	An excited state dynamics driven reaction: wavelength-dependent photoisomerization quantum yields in [Ru(bpy)₂(dmso)₂]²⁺. Chemical Science, 2020, 11, 5797-5807.	3.7	6
136	Experimental implementation of ultrashort laser pulses inÂtheÂvonÂNeumann picture. Applied Physics B: Lasers and Optics, 2008, 93, 763-772.	1.1	5
137	Anisotropy in fifth-order excitonâ€“exciton-interaction two-dimensional spectroscopy. Journal of Chemical Physics, 2021, 154, 154202.	1.2	5
138	Investigation of the nonlinear refractive index of single-crystalline thin gold films and plasmonic nanostructures. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	4
139	Ultrafast isomerization in a difluoroboryl-coordinated molecular switch. Chemical Physics Letters, 2017, 683, 83-90.	1.2	4
140	Coherent 2D electronic spectroscopy with complete characterization of excitation pulses during all scanning steps. Optics Express, 2021, 29, 4191.	1.7	4
141	Direct comparison of molecular-beam vs liquid-phase pumpâ€“probe and two-dimensional spectroscopy on the example of azulene. Journal of Chemical Physics, 2022, 157, .	1.2	4
142	Generation of femtosecond pulse sequences in the ultraviolet by spectral phase modulation. , 2006, 6187, 151.		3
143	Ultrafast charge-transfer dynamics of donor-substituted truxenones. Physical Chemistry Chemical Physics, 2012, 14, 11081.	1.3	3
144	Coherent control of nano-optical excitations. , 2013, , 135-156.		3

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145	The role of the dipolar neighborhood on the relaxation dynamics of multichromophoric merocyanines. Physical Chemistry Chemical Physics, 2016, 18, 19820-19831.	1.3	3
146	Disentangling the photochemistry of benzocyclobutenedione. Physical Chemistry Chemical Physics, 2018, 20, 15434-15444.	1.3	3
147	Coherent two-dimensional electronic spectroelectrochemistry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 253, 119567.	2.0	3
148	Automated Coherent Control of Chemical Reactions and Pulse Compression by an Evolutionary Algorithm with Feedback. Springer Series in Chemical Physics, 1998, , 471-473.	0.2	3
149	Observation of optical coherence in a disordered metal-molecule interface by coherent optical two-dimensional photoelectron spectroscopy. Physical Review B, 2022, 105, .	1.1	3
150	Adaptive Quantum Control of Femtochemistry. Physica Scripta, 2004, 110, 101.	1.2	2
151	Ultrakurzzeitphysik: Laserâ€optimierte Femtochemie: Quantenkontrolle durch lernfÃhige Femtosekundenâ€Laser. Physik Journal, 2001, 57, 33-39.	0.1	1
152	Two-Dimensional Optical Heterodyne Spectroscopy of Molecular Complexes. Springer Series in Chemical Physics, 2005, , 554-556.	0.2	1
153	Coherent spectroscopies on ultrashort time and length scales. EPJ Web of Conferences, 2013, 41, 09017.	0.1	1
154	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.	0.1	1
155	2D Electronic Spectroscopy of the B800â€“B820 LH3 Light-Harvesting Complex. , 2006, , 372-376.		1
156	Chirality-Sensitive Ultrafast Spectroscopy. , 2016, , .		1
157	Multidimensional Electronic Spectroscopy in Molecular Beams with Mass-Resolved Ion Detection. , 2016, , .		1
158	Control of chemical reactions by feedback-optimized phaseshaped femtosecond laser pulses. , 2000, , .		1
159	Control of Quantum Dynamics by Adaptive Femtosecond Pulse Shaping. Springer Series in Chemical Physics, 2001, , 19-23.	0.2	1
160	Adaptive femtosecond quantum control in the liquid phase. , 2002, , .		1
161	Simultaneous Spatial and Temporal Control of Nanooptical Fields. Springer Series in Chemical Physics, 2009, , 705-707.	0.2	1
162	Ultrafast spatio-temporal near-field control. , 0, , .		0

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163	Electronic 2D Spectroscopy of Light Harvesting. , 2006, , 331-336.		0
164	Adaptive sub-wavelength control of nanoscopic fields. , 2007, , .		0
165	Adaptive Sub-Wavelength Control of Nano-Optical Fields. , 2007, , LWD2.		0
166	Exploring Higher-Lying Electronic States of a Molecular Switch by Coherent Triggered-Exchange 2D Electronic Spectroscopy. EPJ Web of Conferences, 2013, 41, 05001.	0.1	0
167	Femtosecond Mid-Infrared Study of the Aqueous Solution Photochemistry of a CO-Releasing Molecule (CORM). EPJ Web of Conferences, 2013, 41, 05004.	0.1	0
168	Precise and Rapid Detection of Optical Activity for Accumulative Femtosecond Spectroscopy. EPJ Web of Conferences, 2013, 41, 12011.	0.1	0
169	The Ultrafast Wolff Rearrangement in the Gas Phase. , 2014, , .		0
170	Elucidating photodynamics with ultrafast pulse sequences: pump-repump, multidimensional spectroscopy, and beyond. Proceedings of SPIE, 2015, , .	0.8	0
171	Exploring the Ultrafast Excited-State Intramolecular Proton Transfer (ESIPT) of Î²-Diketones in the deep-UV. , 2016, , .		0
172	Spatially resolved coherent 2D fluorescence spectroscopy within a high-NA microscope. EPJ Web of Conferences, 2019, 205, 03014.	0.1	0
173	Fluorescence-detected two-quantum and one-quantum-two-quantum 2D electronic spectros-copy of Rhodamine 700. EPJ Web of Conferences, 2019, 205, 03012.	0.1	0
174	Femtosecond dynamics of diphenylpropynylidene in ethanol and dichloromethane. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119606.	2.0	0
175	Fluoreszenzâ€detektierte Pumpâ€Probeâ€Spektroskopie. Angewandte Chemie, 2021, 133, 19015-19024.	1.6	0
176	Adaptive Femtosecond Quantam Control in the Liquid Phase. Springer Series in Chemical Physics, 2003, , 481-483.	0.2	0
177	Adaptive Femtosecond Quantum Control. Springer Series in Optical Sciences, 2004, , 119-128.	0.5	0
178	Adaptive polarization control of molecular dynamics. Springer Series in Chemical Physics, 2005, , 864-866.	0.2	0
179	Femtosecond Pump â€“ shaped Dump â€“ Probe Control of Retinal in Bacteriorhodopsin. , 2006, , .		0
180	Two Dimensional Optical Spectroscopy of Multi-Chromophore Protein Complexes. , 2006, , .		0

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181	Accumulative quantum control of photochemical reactions. , 2006, , .		0
182	Adaptive control of nanoscopic photoelectron emission. , 2006, , .		0
183	Spatiotemporal Near-field Control in Nanostructures. , 2010, , .		0
184	Photoswitching cycle of a nitro-substituted spiropyran: Ring-opening and ring-closure dynamics. , 2010, , .		0
185	Deterministic Control of Subwavelength Field Localization in Plasmonic Nanoantennas. , 2010, , .		0
186	Discriminating Racemic from Achiral Solutions with Femtosecond Accumulative Spectroscopy. , 2014, , .		0
187	Discriminating Racemic from Achiral Solutions with Femtosecond Accumulative Spectroscopy. Springer Proceedings in Physics, 2015, , 369-372.	0.1	0
188	The Ultrafast Wolff Rearrangement in the Gas Phase. Springer Proceedings in Physics, 2015, , 180-183.	0.1	0
189	Coherent Two-Dimensional Spectroscopy of Exciton-Exciton Interactions. , 2016, , .		0
190	Investigating Excitonic Physics in Two-Dimensional Semiconductors by Coherent Two-Dimensional Microscopy. , 2020, , .		0
191	Probing Exciton Transport in Squaraine Polymers Using Fifth-Order Two-Dimensional Spectroscopy. , 2020, , .		0
192	Coherently and Fluorescence-Detected Four- and Six-Wave-Mixing Two-Dimensional Electronic Spectroscopy: Measuring Multi-Exciton Dynamics and Delocalization. , 2020, , .		0