

# Randy A Bartels

## List of Publications by Year in descending order

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206  
papers

4,156  
citations

147566

31  
h-index

123241

61  
g-index

209  
all docs

209  
docs citations

209  
times ranked

2644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shaped-pulse optimization of coherent emission of high-harmonic soft X-rays. <i>Nature</i> , 2000, 406, 164-166.	13.7	681
2	Generation of Spatially Coherent Light at Extreme Ultraviolet Wavelengths. <i>Science</i> , 2002, 297, 376-378.	6.0	365
3	Quasi-phase-matched generation of coherent extreme-ultraviolet light. <i>Nature</i> , 2003, 421, 51-54.	13.7	300
4	Phase Modulation of Ultrashort Light Pulses using Molecular Rotational Wave Packets. <i>Physical Review Letters</i> , 2001, 88, 013903.	2.9	222
5	High-efficiency, single-stage 7-kHz high-average-power ultrafast laser system. <i>Optics Letters</i> , 2001, 26, 465.	1.7	122
6	Adaptive pulse compression for transform-limited 15-fs high-energy pulse generation. <i>Optics Letters</i> , 2000, 25, 587.	1.7	121
7	Coherent learning control of vibrational motion in room temperature molecular gases. <i>Chemical Physics Letters</i> , 2001, 344, 333-338.	1.2	105
8	Generation of Broadband VUV Light Using Third-Order Cascaded Processes. <i>Physical Review Letters</i> , 2001, 87, 013601.	2.9	96
9	Nonresonant Control of Multimode Molecular Wave Packets at Room Temperature. <i>Physical Review Letters</i> , 2002, 88, 033001.	2.9	94
10	Coherent artifact in modern pulse measurements. <i>Optics Letters</i> , 2012, 37, 2874.	1.7	89
11	Attosecond Time-Scale Intra-atomic Phase Matching of High Harmonic Generation. <i>Physical Review Letters</i> , 2001, 86, 5458-5461.	2.9	79
12	Simplified setup for high-resolution spectroscopy that uses ultrashort pulses. <i>Optics Letters</i> , 2003, 28, 361.	1.7	78
13	Spatially-chirped modulation imaging of absorption and fluorescent objects on single-element optical detector. <i>Optics Express</i> , 2011, 19, 1626.	1.7	75
14	Superresolved multiphoton microscopy with spatial frequency-modulated imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6605-6610.	3.3	62
15	Impulsive stimulated Raman scattering of molecular vibrations using nonlinear pulse shaping. <i>Chemical Physics Letters</i> , 2003, 374, 326-333.	1.2	56
16	Label-free second harmonic generation holographic microscopy of biological specimens. <i>Optics Express</i> , 2010, 18, 9840.	1.7	56
17	Attosecond time-scale feedback control of coherent X-ray generation. <i>Chemical Physics</i> , 2001, 267, 277-289.	0.9	53
18	Learning from learning algorithms: Application to attosecond dynamics of high-harmonic generation. <i>Physical Review A</i> , 2004, 70, .	1.0	51

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19	Low temperature epitaxial silicon film growth using high vacuum electron cyclotron resonance plasma deposition. Applied Physics Letters, 1995, 66, 2528-2530.	1.5	48
20	Highly coherent light at 13 nm generated by use of quasi-phase-matched high-harmonic generation. Optics Letters, 2004, 29, 1357.	1.7	48
21	Soft x-ray laser holography with wavelength resolution. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1811.	0.9	47
22	Complete polarization state control of ultrafast laser pulses with a single linear spatial light modulator. Optics Express, 2007, 15, 18025.	1.7	44
23	Subpicosecond fiber-based soliton-tuned mid-infrared source in the 97-149 $\mu$ m wavelength region. Optics Letters, 2010, 35, 2179.	1.7	41
24	Ultrafast phase and amplitude pulse shaping with a single, one-dimensional, high-resolution phase mask.. Optics Express, 2007, 15, 8979.	1.7	40
25	Enhanced spatial resolution in third-harmonic microscopy through polarization switching. Optics Letters, 2009, 34, 1240.	1.7	40
26	A pragmatic guide to multiphoton microscope design. Advances in Optics and Photonics, 2015, 7, 276.	12.1	40
27	Compressed single pixel imaging in the spatial frequency domain. Journal of Biomedical Optics, 2017, 22, 030501.	1.4	39
28	Harmonic optical tomography of nonlinear structures. Nature Photonics, 2020, 14, 564-569.	15.6	39
29	Absolute determination of the wavelength and spectrum of an extreme-ultraviolet beam by a Young's double-slit measurement. Optics Letters, 2002, 27, 707.	1.7	33
30	Phase-matching conditions for nonlinear frequency conversion by use of aligned molecular gases. Optics Letters, 2003, 28, 346.	1.7	32
31	Tomographic retrieval of the polarization state of an ultrafast laser pulse. Optics Letters, 2008, 33, 267.	1.7	32
32	Volume extreme ultraviolet nano-holographic imaging with numerical optical sectioning. Optics Express, 2007, 15, 10622.	1.7	31
33	Sub 400 nm spatial resolution extreme ultraviolet holography with a table top laser. Optics Express, 2006, 14, 9636.	1.7	29
34	Enhancement of third harmonic generation by a laser-induced plasma. Applied Physics Letters, 2008, 93, 151102.	1.5	28
35	Lateral tomographic spatial frequency modulated imaging. Applied Physics Letters, 2011, 98, .	1.5	28
36	Theory of diffraction effects in spatial frequency-modulated imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 2579.	0.8	26

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37	Single-pixel fluorescent imaging with temporally labeled illumination patterns. <i>Optica</i> , 2016, 3, 971.	4.8	26
38	Single pixel quantitative phase imaging with spatial frequency projections. <i>Methods</i> , 2018, 136, 24-34.	1.9	26
39	Plane wave analysis of coherent holographic image reconstruction by phase transfer (CHIRPT). <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015, 32, 2156.	0.8	25
40	Analysis of extreme ultraviolet microscopy images of patterned nanostructures based on a correlation method. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, B20.	0.9	23
41	Overcoming temporal polarization instabilities from the latent birefringence in all-normal dispersion, wave-breaking-extended nonlinear fiber supercontinuum generation. <i>Optics Express</i> , 2013, 21, 13305.	1.7	23
42	Pulse polarization splitting in a transient wave plate. <i>Optics Letters</i> , 2006, 31, 3526.	1.7	22
43	Eliminating the scattering ambiguity in multifocal, multimodal, multiphoton imaging systems. <i>Journal of Biophotonics</i> , 2012, 5, 425-436.	1.1	22
44	Two-dimensional single-pixel imaging by cascaded orthogonal line spatial modulation. <i>Optics Letters</i> , 2015, 40, 2774.	1.7	22
45	Measurement of orientation and susceptibility ratios using a polarization-resolved second-harmonic generation holographic microscope. <i>Biomedical Optics Express</i> , 2012, 3, 2004.	1.5	21
46	Hyperspectral imaging via labeled excitation light and background-free absorption spectroscopy. <i>Optica</i> , 2015, 2, 929.	4.8	20
47	Single-shot measurement of ultrafast time-varying phase modulation induced by femtosecond laser pulses with arbitrary polarization. <i>Applied Physics Letters</i> , 2008, 92, 021126.	1.5	19
48	Submillisecond second harmonic holographic imaging of biological specimens in three dimensions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18391-18396.	3.3	19
49	Spatial frequency modulated imaging in coherent anti-Stokes Raman microscopy. <i>Optica</i> , 2020, 7, 417.	4.8	19
50	Numerical Optical Sectioning for 3D Holographic Images with EUV Lasers. <i>Optics and Photonics News</i> , 2007, 18, 22.	0.4	18
51	Time-resolved coherent Raman spectroscopy by high-speed pump-probe delay scanning. <i>Optics Letters</i> , 2014, 39, 4124.	1.7	18
52	Hyperspectral imaging in the spatial frequency domain with a supercontinuum source. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	18
53	Calibration of liquid crystal ultrafast pulse shaper with common-path spectral interferometry and application to coherent control with a covariance matrix adaptation evolutionary strategy. <i>Review of Scientific Instruments</i> , 2008, 79, 033103.	0.6	17
54	Efficient nonlinear frequency conversion with a dynamically structured nonlinearity. <i>Optics Express</i> , 2005, 13, 6919.	1.7	15

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55	Compressive Raman imaging with spatial frequency modulated illumination. Optics Letters, 2019, 44, 1936.	1.7	15
56	Dispersion balancing of variable-delay monolithic pulse splitters. Applied Optics, 2007, 46, 5967.	2.1	14
57	Modulation of third-harmonic generation conversion in the presence of a rotational wave packet. Optics Letters, 2008, 33, 1162.	1.7	14
58	Two-dimensional spatial-frequency-modulated imaging through parallel acquisition of line images. Optics Letters, 2013, 38, 1763.	1.7	14
59	Simplified ultrafast pulse shaper for tailored polarization states using a birefringent prism. Review of Scientific Instruments, 2009, 80, 053110.	0.6	13
60	Nonlinear fiber amplifier with tunable transform limited pulse duration from a few 100 to sub-100-fs at watt-level powers. Optics Letters, 2014, 39, 359.	1.7	13
61	Transient absorption imaging of hemes with 2-color, independently tunable visible-wavelength ultrafast source. Biomedical Optics Express, 2017, 8, 2807.	1.5	13
62	Synthetic temporal aperture coherent molecular phase spectroscopy. Chemical Physics Letters, 2008, 463, 300-304.	1.2	12
63	Phase measurement of coherent Raman vibrational spectroscopy with chirped spectral holography. Optics Letters, 2008, 33, 2116.	1.7	12
64	Self-referenced interferometry for the characterization of axicon lens quality. Applied Optics, 2008, 47, 1200.	2.1	12
65	Distinguishing bulk and interface modulation of optical third harmonic generation due to coherent optical phonon excitation. Chemical Physics Letters, 2010, 490, 97-101.	1.2	12
66	Analysis of the measurement of polarization-shaped ultrashort laser pulses by tomographic ultrafast retrieval of transverse light E fields. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 2363.	0.9	11
67	Line-scan compressive Raman imaging with spatio-spectral encoding. Optics Letters, 2020, 45, 5567.	1.7	11
68	Control and measurement of spatially inhomogeneous polarization distributions in third-harmonic generation microscopy. Optics Letters, 2009, 34, 1090.	1.7	10
69	Rapid Birefringent Delay Scanning for Coherent Multiphoton Impulsive Raman Pump-Probe Spectroscopy. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 130-139.	1.9	10
70	Single-pixel fluorescent diffraction tomography. Optica, 2020, 7, 1617.	4.8	10
71	Tomographic single pixel spatial frequency projection imaging. Optics Communications, 2022, 520, 128401.	1.0	10
72	Optical interferometry with pulsed fields. Journal of Modern Optics, 2008, 55, 1541-1556.	0.6	9

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73	Digital aberration correction of fluorescent images with coherent holographic image reconstruction by phase transfer (CHIRPT). Proceedings of SPIE, 2016, , .	0.8	9
74	Three-dimensional single-pixel imaging of incoherent light with spatiotemporally modulated illumination. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 1438.	0.8	9
75	Fourier computed tomographic imaging of two dimensional fluorescent objects. APL Photonics, 2019, 4, .	3.0	9
76	Optimal single-pulse excitation of rotational impulsive molecular phase modulation. Optics Express, 2006, 14, 2520.	1.7	8
77	Highly achromatic Fourier-transform spectrometer. Optics Express, 2007, 15, 1361.	1.7	8
78	Hilbert reconstruction of phase-shifted second-harmonic holographic images. Optics Letters, 2012, 37, 2052.	1.7	8
79	Fabrication and characterization of modulation masks for multimodal spatial frequency modulated microscopy. Applied Optics, 2018, 57, 4683.	0.9	8
80	Interferometric spatial frequency modulation imaging. Optics Letters, 2018, 43, 5351.	1.7	8
81	Sensitive and Selective Detection of Low-Frequency Vibrational Modes Through a Phase-Shifting Fourier Transform Spectroscopy. IEEE Journal of Quantum Electronics, 2009, 45, 777-782.	1.0	7
82	Three-photon excitation source at 1250 nm generated in a dual zero dispersion wavelength nonlinear fiber. Optics Express, 2014, 22, 30777.	1.7	7
83	General theoretical treatment of spectral modulation light-labeling spectroscopy. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1216.	0.9	7
84	Simultaneous spatial frequency modulation imaging and micromachining with a femtosecond laser. Optics Letters, 2016, 41, 265.	1.7	7
85	Simultaneous multi-dimensional spatial frequency modulation imaging. International Journal of Optomechatronics, 2020, 14, 1-17.	3.3	7
86	Low frequency coherent Raman spectroscopy. JPhys Photonics, 2021, 3, 042004.	2.2	7
87	Third harmonic generation microscopy of a mouse retina. Molecular Vision, 2015, 21, 538-47.	1.1	7
88	Analytical model of the effective transient optical response of symmetric-top molecules in the presence of a rotational coherence. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 407.	0.9	6
89	Propagation of spatial coherence in fast pulses. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1945.	0.8	6
90	Nearly transform-limited sub-20-fs pulses at 1065 nm and >10 nJ enabled by a flat field ultrafast pulse shaper. Optics Letters, 2015, 40, 253.	1.7	6

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91	Analysis of Recombination in CdTe Heterostructures With Time-Resolved Two-Photon Excitation Microscopy. IEEE Journal of Photovoltaics, 2016, 6, 1581-1586.	1.5	6
92	Phase noise limited frequency shift impulsive Raman spectroscopy. APL Photonics, 2021, 6, .	3.0	6
93	Fluorescent coherent diffractive imaging with accelerating light sheets. Optics Express, 2019, 27, 13015.	1.7	6
94	Impact of Measurement Noise in Tomographic Ultrafast Retrieval of Transverse Light $\{mmb E\}$ -Fields (TURTLE) Ultrashort Polarization Characterization. IEEE Photonics Journal, 2009, 1, 163-171.	1.0	5
95	Coherence-modulated third harmonic generation for vibrational spectroscopy: a theoretical treatment. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1875.	0.9	5
96	Universal Dynamics of Kerr-Frequency Comb Formation in Microresonators. , 2012, , .		5
97	Two-dimensional random access multiphoton spatial frequency modulated imaging. Optics Express, 2020, 28, 405.	1.7	5
98	Holographic imaging with a nanometer resolution using compact table-top EUV laser. Opto-electronics Review, 2010, 18, .	2.4	4
99	Point spread function engineering with multiphoton SPIFI. Proceedings of SPIE, 2016, , .	0.8	4
100	Terabit/s data transmission using optical frequency combs. , 2013, , .		3
101	Aspects of nanometer scale imaging with extreme ultraviolet (EUV) laboratory sources. Opto-electronics Review, 2012, 20, 1-14.	2.4	2
102	Table top extreme ultraviolet holography. , 2007, , .		1
103	Manipulating Light Waves: introduction. Applied Optics, 2008, 47, MLW1.	2.1	1
104	Sub-50nm extreme ultraviolet holographic imaging. , 2009, , .		1
105	Polarization control and tomography for nonlinear microscopy. Proceedings of SPIE, 2010, , .	0.8	1
106	Nanometer scale imaging with table top extreme ultraviolet sources. , 2010, , .		1
107	High-speed, label-free second harmonic generation holographic microscopy of biological specimens. , 2011, , .		1
108	Microresonator-Based Frequency Comb Generator as Optical Source for Coherent WDM Transmission. , 2013, , .		1

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109	Spatial Frequency Modulated Imaging (SPIFI) in Amplitude with a Spatial Light Modulator. , 2016, , .		1
110	Pump-probe microscopy of respiratory chain pigments: towards non-fluorescent label-free metabolic imaging. Proceedings of SPIE, 2017, , .	0.8	1
111	Pump-probe spectroscopy and imaging of heme proteins: temperature effects and data analysis. , 2017, , .		1
112	hyperspectral characterization of tissue simulating phantoms using a supercontinuum laser in a spatial frequency domain imaging instrument. , 2018, , .		1
113	Theory and applications of structured light single pixel imaging. , 2018, , .		1
114	High-Sensitivity Coherent Raman Spectroscopy with Doppler Raman. , 2019, , .		1
115	Control of high-order harmonic generation through shaped pulse optimization. , 0, , .		0
116	Sub-Optical-Cycle Coherent Control In Nonlinear Optics. Optics and Photonics News, 2000, 11, 23.	0.4	0
117	Novel single-atom and quasi phase-matching techniques at short wavelengths. , 0, , .		0
118	Mode selective excitation mechanisms in molecules using shaped pulses. , 0, , .		0
119	Bimolecular chemistry with shaped ultrafast laser pulses. , 0, , .		0
120	Coherent EUV imaging with bright high harmonic radiation. , 0, , .		0
121	Quasi-phase-matching of high harmonic EUV radiation. , 0, , .		0
122	Small-scale Coherent EUV Light Sources from High-Harmonic Generation. AIP Conference Proceedings, 2002, , .	0.3	0
123	Non time stationary shaping of ultrafast pulses with transient molecular alignment. , 2005, , .		0
124	Spectral compression of ultrafast pulses using transiently aligned molecules. , 2005, , .		0
125	Transiently aligned molecular gases for efficient nonlinear frequency conversion. , 2005, , .		0
126	Pulse Polarization Splitting with Propagation through an Ultrafast Transient Waveplate. , 2006, , WC6.		0



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127	Measurement of transient susceptibility tensor created by rotational wave packets excited by arbitrarily polarized femtosecond laser pulses. , 2007, , .		0
128	Analytic model of rotational wave packet excitation with arbitrary pump polarization in the impulsive limit. , 2007, , .		0
129	Pulse polarization splitting in a transient wave plate. , 2007, , .		0
130	Tabletop soft x-ray holography with sub-200-nm spatial resolution. Proceedings of SPIE, 2007, , .	0.8	0
131	Holographic nano-imaging realized with compact extreme ultraviolet lasers. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
132	Analytic model of rotational wave packet excitation with arbitrary pump polarization in the impulsive limit. , 2007, , .		0
133	Spatial resolution and feature size determination in extreme ultraviolet microscope images. , 2008, , .		0
134	Advanced vector polarization shaping and applications of ultrafast laser pulses. , 2008, , .		0
135	Extreme ultraviolet holography with wavelength resolution. , 2008, , .		0
136	Analysis of resolution and feature size in extreme ultraviolet microscopy images. , 2008, , .		0
137	Polarization, phase and amplitude control of ultrafast laser pulses with a single linear spatial light modulator. , 2008, , .		0
138	Fiber-based, soliton-tuned femtosecond optical source mid infrared spectral region. , 2010, , .		0
139	Complete vector focal field characterization via nanoprobe induced nonlinear far field signals. , 2010, , .		0
140	Soliton-tuned difference-frequency-based midinfrared source. , 2010, , .		0
141	High-speed second harmonic generation holographic microscopy of biological specimens. , 2010, , .		0
142	Coherence modulated third harmonic generation for winterface vibrational spectroscopy. , 2010, , .		0
143	Full Characterization of Tightly Focused Vector Fields through Far Field Third Harmonic Signals. , 2011, , .		0
144	Spatial frequency modulation imaging of absorption and fluorescent objects using a single element detector. , 2011, , .		0

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145	Practical supercontinuum source for few hundred femtosecond seed pulses. , 2012, , .		0
146	High-Speed Two-Dimensional Multiphoton Microscope using Spatial Modulation. , 2012, , .		0
147	Phase Noise and Dispersion in integrated Silicon Nitride based Kerr-Comb generators. , 2012, , .		0
148	Polarization Instabilities in All Normal Dispersion Supercontinuum from Yb-doped Modelocked Lasers. , 2012, , .		0
149	Label-free second harmonic generation holographic imaging of biological specimens at speeds up to 1000 volumes per second. , 2012, , .		0
150	Multiphoton microscope using spatially-modulated line-cursor. , 2012, , .		0
151	Theory of diffraction and defocus effects in spatial frequency-modulated imaging. , 2012, , .		0
152	High-speed second harmonic generation holographic imaging of biological specimens at over 1000 volumes per second. , 2012, , .		0
153	Optimization of Third Harmonic Conversion Efficiency in the Presence of a Spatially Localized Plasma. IEEE Journal of Quantum Electronics, 2012, 48, 790-796.	1.0	0
154	High Peak and Average Power Near/Mid-IR Femtosecond Laser Sources. , 2014, , .		0
155	Sub-femtosecond Envelope Stability of Fiber Comb Lasers Locked to a CW Reference. , 2014, , .		0
156	Multiphoton imaging and manipulation of biological systems. , 2014, , .		0
157	Analysis of misfocus effects in compressive optical imaging. , 2014, , .		0
158	Does Cell Shape Determine Cell Fate?. Biophysical Journal, 2015, 108, 140a.	0.2	0
159	Light labeling with temporal intensity modulations for hyperspectral imaging. , 2016, , .		0
160	Spatial Frequency Modulated Imaging (SPIFI) with amplitude or phase grating from a spatial light modulator. , 2017, , .		0
161	Confocal Spatial frequency modulation imaging with wavelength domain modulation. , 2021, , .		0
162	Coherent Control of XUV Radiation. Springer Series in Chemical Physics, 2001, , 42-44.	0.2	0

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163	High average power, >10kHz, ultrafast laser systems. , 2002, , .		0
164	Phase manipulation for coherent control. , 2003, , .		0
165	Fully spatially coherent EUV source. Springer Series in Chemical Physics, 2003, , 66-68.	0.2	0
166	Self-Compression of Ultrafast Optical Pulses using Molecular Phase Modulation. Springer Series in Chemical Physics, 2003, , 199-201.	0.2	0
167	Making and Measuring Vibrational Wave Packets in Small Molecules through non-Resonant Impulsive Stimulated Raman Scattering. Springer Series in Chemical Physics, 2003, , 91-93.	0.2	0
168	Statistical study of attosecond dynamics from learning control of extreme nonlinear optics. , 2004, , .		0
169	Single Shot Measurement of Field-Free Rotational Revivals with Spectral Interferometry. , 2006, , .		0
170	Rotational wave packet dynamics correlated to ultrafast non-time-stationary linear and nonlinear optical susceptibilities. , 2006, , .		0
171	Pulse Polarization Splitting in a Transient Wave Plate. , 2006, , .		0
172	Shaping Ultrafast Laser Pulses with Transient Optical Media. Springer Series in Optical Sciences, 2007, , 353-357.	0.5	0
173	Pulse Polarization Splitting with Propagation through an Ultrafast Transient Waveplate. Springer Series in Chemical Physics, 2007, , 166-168.	0.2	0
174	Measurement of Group Velocity Distortion due to Ultrafast Index of Refraction Transients. Springer Series in Optical Sciences, 2007, , 115-118.	0.5	0
175	Transient Optical Susceptibility Induced by Nonperturbative Rotational Wave Packets. Springer Series in Optical Sciences, 2007, , 209-216.	0.5	0
176	Rotational wave packet dynamics correlated to ultrafast non-time-stationary linear and nonlinear optical susceptibilities. Springer Series in Chemical Physics, 2007, , 570-572.	0.2	0
177	Ultrafast rotational wave packet dynamics observed through third harmonic conversion of a femtosecond probe pulse. , 2008, , .		0
178	Polarization state characterization of ultrashort laser pulses by self-referenced tomographic reconstruction. , 2008, , .		0
179	Direct Phase-Sensitive Impulsive Vibrational Spectroscopy with Spectral Interferometry. , 2009, , .		0
180	Vibrational Coherence Modulated Interfacial Third Harmonic Generation Spectroscopy. , 2009, , .		0

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181	Soft X-Ray Holography with Wavelength Resolution. Springer Proceedings in Physics, 2009, , 357-364.	0.1	0
182	Resolution enhancement through focal field polarization control in third harmonic generation microscopy. , 2009, , .		0
183	Resolution and Feature Size Assessment in Soft X-Ray Microscopy Images. Springer Proceedings in Physics, 2009, , 483-488.	0.1	0
184	Generation and stability characterization of fiber-based difference frequency generation tuned through controlled soliton self-frequency-shifting. , 2011, , .		0
185	Lighthouse ultrafast spectroscopy: high speed scanning with a spinning birefringent delay crystal. , 2011, , .		0
186	High-Speed Nonlinear Harmonic Generation Holographic Microscopy. , 2011, , .		0
187	Extracting information from optical fields through spatial and temporal modulation. , 2011, , .		0
188	Tomographic Imaging with Lateral Frequency Modulation Projections Using a Single-Element Detector. , 2011, , .		0
189	High-Speed Second Harmonic Generation Holographic Microscopy. , 2011, , .		0
190	The Coherent Artifact in Modern Pulse Measurements. , 2012, , .		0
191	Nanometer Scale Imaging with Table-Top Extreme Ultraviolet Laser. , 2014, , 425-430.		0
192	Super-Resolved Microscopy with Spatial Frequency-Modulated Imaging. , 2016, , .		0
193	Simultaneous fluorescent and quantitative phase imaging through spatial frequency projections. , 2016, , .		0
194	Digital refocusing of fluorescent light intensity with spatial frequency modulated imaging. , 2016, , .		0
195	General Theoretical Analysis of Noise in Single-pixel Imaging. , 2018, , .		0
196	Fast Hyperspectral Detection of the Frequency Response of Highly Scattering Tissue using a Femtosecond Pulse with Light Labeling. , 2018, , .		0
197	High Sensitivity Vibrational Mode Detection with Doppler Raman Spectroscopy. , 2018, , .		0
198	Single Element Detection Phase Contrast Spatial Frequency Modulation Imaging. , 2018, , .		0

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199	Digital aberration correction with single-pixel spatial frequency projection imaging. , 2018, , .		0
200	Spatial frequency projection super resolution imaging. , 2018, , .		0
201	Toward Single-Lens Epi-Fluorescent Light Sheet Microscopy with Single-Pixel Detection. , 2019, , .		0
202	Non-Iterative Aberration Correction with Phase-Sensitive Spatial Frequency Projection Light Sheet Microscopy. , 2019, , .		0
203	Super-Resolution using Nonlinear Fourier-Basis Spatial Frequency Projections. , 2019, , .		0
204	Single Pixel Fourier Computed Tomography. , 2019, , .		0
205	Advances in spatial frequency modulation imaging techniques for applications from advanced manufacturing to the neurosciences. , 2020, , .		0
206	Soft X-Ray Laser Holographic Imaging With Sub-Micron Resolution. , 2007, , 483-489.		0