

# Chi-Kuang Sun

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4534240/chi-kuang-sun-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

281  
papers

6,833  
citations

40  
h-index

69  
g-index

411  
ext. papers

8,013  
ext. citations

3.6  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
281	Femtosecond-tunable measurement of electron thermalization in gold. <i>Physical Review B</i> , <b>1994</b> , 50, 15337-15348	3.7	15348
280	Low-loss subwavelength plastic fiber for terahertz waveguiding. <i>Optics Letters</i> , <b>2006</b> , 31, 308-10	3	233
279	Coherent acoustic phonon oscillations in semiconductor multiple quantum wells with piezoelectric fields. <i>Physical Review Letters</i> , <b>2000</b> , 84, 179-82	7.4	204
278	Femtosecond investigation of electron thermalization in gold. <i>Physical Review B</i> , <b>1993</b> , 48, 12365-12368	3.3	196
277	Higher harmonic generation microscopy for developmental biology. <i>Journal of Structural Biology</i> , <b>2004</b> , 147, 19-30	3.4	144
276	Studies of chi(2)/chi(3) tensors in submicron-scaled bio-tissues by polarization harmonics optical microscopy. <i>Biophysical Journal</i> , <b>2004</b> , 86, 3914-22	2.9	140
275	Optical investigations of the dynamic behavior of GaSb/GaAs quantum dots. <i>Applied Physics Letters</i> , <b>1996</b> , 68, 1543-1545	3.4	138
274	Performance of THz fiber-scanning near-field microscopy to diagnose breast tumors. <i>Optics Express</i> , <b>2011</b> , 19, 19523-31	3.3	135
273	Multimodal nonlinear spectral microscopy based on a femtosecond Cr:forsterite laser. <i>Optics Letters</i> , <b>2001</b> , 26, 1909-11	3	132
272	In vivo developmental biology study using noninvasive multi-harmonic generation microscopy. <i>Optics Express</i> , <b>2003</b> , 11, 3093-9	3.3	125
271	Efficient near-IR hyperthermia and intense nonlinear optical imaging contrast on the gold nanorod-in-shell nanostructures. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14186-7	16.4	115
270	Terahertz air-core microstructure fiber. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 064105	3.4	107
269	Modal characteristics of antiresonant reflecting pipe waveguides for terahertz waveguiding. <i>Optics Express</i> , <b>2010</b> , 18, 309-22	3.3	105
268	Low-index terahertz pipe waveguides. <i>Optics Letters</i> , <b>2009</b> , 34, 3457-9	3	98
267	Real-time second-harmonic-generation microscopy based on a 2-GHz repetition rate Ti:sapphire laser. <i>Optics Express</i> , <b>2003</b> , 11, 933-8	3.3	84
266	Two-photon absorption study of GaN. <i>Applied Physics Letters</i> , <b>2000</b> , 76, 439-441	3.4	82
265	In Vivo Virtual Biopsy of Human Skin by Using Noninvasive Higher Harmonic Generation Microscopy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2010</b> , 16, 478-492	3.8	81

264	Spatial manipulation of nanoacoustic waves with nanoscale spot sizes. <i>Nature Nanotechnology</i> , <b>2007</b> , 2, 704-8	28.7	71
263	Wavelength dependent damage in biological multi-photon confocal microscopy: A micro-spectroscopic comparison between femtosecond Ti:sapphire and Cr:forsterite laser sources. <i>Optical and Quantum Electronics</i> , <b>2002</b> , 34, 1251-1266	2.4	71
262	Molecular Imaging of Cancer Cells Using Plasmon-Resonant-Enhanced Third-Harmonic-Generation in Silver Nanoparticles. <i>Advanced Materials</i> , <b>2007</b> , 19, 4520-4523	24	69
261	Nonlinear bio-photonic crystal effects revealed with multimodal nonlinear microscopy. <i>Journal of Microscopy</i> , <b>2002</b> , 208, 190-200	1.9	68
260	Radiative recombination lifetime measurements of InGaN single quantum well. <i>Applied Physics Letters</i> , <b>1996</b> , 69, 1936-1938	3.4	66
259	In vivo optical biopsy of hamster oral cavity with epi-third-harmonic-generation microscopy. <i>Optics Express</i> , <b>2006</b> , 14, 6178-87	3.3	61
258	High-sensitivity in vivo THz transmission imaging of early human breast cancer in a subcutaneous xenograft mouse model. <i>Optics Express</i> , <b>2011</b> , 19, 21552-62	3.3	60
257	In vivo harmonic generation biopsy of human skin. <i>Journal of Biomedical Optics</i> , <b>2009</b> , 14, 060505	3.5	55
256	All-terahertz fiber-scanning near-field microscopy. <i>Optics Letters</i> , <b>2009</b> , 34, 1084-6	3	53
255	Multiharmonic-generation biopsy of skin. <i>Optics Letters</i> , <b>2003</b> , 28, 2488-90	3	52
254	Glycogen synthase kinase 3 alpha and 3 beta have distinct functions during cardiogenesis of zebrafish embryo. <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 93	3.1	51
253	Scanning second-harmonic/third-harmonic generation microscopy of gallium nitride. <i>Applied Physics Letters</i> , <b>2000</b> , 77, 2331-2333	3.4	51
252	Quantitative and qualitative investigation into the impact of focused ultrasound with microbubbles on the triggered release of nanoparticles from vasculature in mouse tumors. <i>Journal of Controlled Release</i> , <b>2010</b> , 146, 291-8	11.7	50
251	Higher harmonic generation microscopy of in vitro cultured mammal oocytes and embryos. <i>Optics Express</i> , <b>2008</b> , 16, 11574	3.3	50
250	Optical biopsy of fixed human skin with backward-collected optical harmonics signals. <i>Optics Express</i> , <b>2005</b> , 13, 8231-42	3.3	50
249	Ultrafast carrier dynamics in ZnO nanorods. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 023106	3.4	49
248	In vivo and ex vivo imaging of intra-tissue elastic fibers using third-harmonic-generation microscopy. <i>Optics Express</i> , <b>2007</b> , 15, 11167-77	3.3	47
247	In vivo optical virtual biopsy of human oral mucosa with harmonic generation microscopy. <i>Biomedical Optics Express</i> , <b>2011</b> , 2, 2317-28	3.5	45

246	Femtosecond Z-scan measurement of GaN. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 3524-3526	3.4	44
245	Metal-semiconductor-metal traveling-wave photodetectors. <i>IEEE Photonics Technology Letters</i> , <b>2001</b> , 13, 623-625	2.2	43
244	Nonlinear saturation behaviors of high-speed p-i-n photodetectors. <i>Journal of Lightwave Technology</i> , <b>2000</b> , 18, 203-212	4	42
243	Specular scattering probability of acoustic phonons in atomically flat interfaces. <i>Physical Review Letters</i> , <b>2009</b> , 103, 264301	7.4	41
242	Two-photon fluorescence microscope with a hollow-core photonic crystal fiber. <i>Optics Express</i> , <b>2004</b> , 12, 6122-8	3.3	41
241	Higher harmonic generation microscopy of in vitro cultured mammal oocytes and embryos. <i>Optics Express</i> , <b>2008</b> , 16, 11574-88	3.3	40
240	1.2- to 2.2- $\mu$ m Tunable Raman Soliton Source Based on a Cr : Forsterite Laser and a Photonic-Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , <b>2008</b> , 20, 900-902	2.2	39
239	Biocompatible bacteria@Au composites for application in the photothermal destruction of cancer cells. <i>Chemical Communications</i> , <b>2008</b> , 4430-2	5.8	39
238	THz interferometric imaging using subwavelength plastic fiber based THz endoscopes. <i>Optics Express</i> , <b>2008</b> , 16, 2494-501	3.3	38
237	Transmission of light through quantum heterostructures modulated by coherent acoustic phonons. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 1114-1121	2.5	38
236	Large coherent acoustic-phonon oscillation observed in InGaN/GaN multiple-quantum wells. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1249-1251	3.4	38
235	Measuring plasmon-resonance enhanced third-harmonic (TH) of Ag nanoparticles. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 043122	3.4	37
234	THz acoustic phonon spectroscopy and nanoscopy by using piezoelectric semiconductor heterostructures. <i>Ultrasonics</i> , <b>2015</b> , 56, 52-65	3.5	36
233	Probing hydrophilic interface of solid/liquid-water by nanoultrasonics. <i>Scientific Reports</i> , <b>2014</b> , 4, 6249	4.9	36
232	Noninvasive harmonics optical microscopy for long-term observation of embryonic nervous system development in vivo. <i>Journal of Biomedical Optics</i> , <b>2006</b> , 11, 054022	3.5	36
231	Ultrafast carrier thermalization in InN. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 232114	3.4	35
230	Multiphoton confocal microscopy using a femtosecond Cr:forsterite laser. <i>Scanning</i> , <b>2001</b> , 23, 249-54	1.6	35
229	Molecular third-harmonic-generation microscopy through resonance enhancement with absorbing dye. <i>Optics Letters</i> , <b>2008</b> , 33, 387-9	3	34

228	Investigation on spectral loss characteristics of subwavelength terahertz fibers. <i>Optics Letters</i> , <b>2007</b> , 32, 1017-9	3	34
227	Studies of carrier heating in InGaAs/AlGaAs strained-layer quantum well diode lasers using a multiple wavelength pump probe technique. <i>Applied Physics Letters</i> , <b>1993</b> , 62, 747-749	3-4	34
226	Determination of chronological aging parameters in epidermal keratinocytes by in vivo harmonic generation microscopy. <i>Biomedical Optics Express</i> , <b>2013</b> , 4, 77-88	3-5	33
225	High-resolution simultaneous three-photon fluorescence and third-harmonic-generation microscopy. <i>Microscopy Research and Technique</i> , <b>2005</b> , 66, 193-7	2.8	33
224	Coherent optical control of acoustic phonon oscillations in InGaN/GaN multiple quantum wells. <i>Applied Physics Letters</i> , <b>2001</b> , 78, 1201-1203	3-4	33
223	Rapid virtual hematoxylin and eosin histology of breast tissue specimens using a compact fluorescence nonlinear microscope. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 150-160	5-9	33
222	Bending loss of terahertz pipe waveguides. <i>Optics Express</i> , <b>2010</b> , 18, 26332-8	3-3	32
221	Two-dimensional nanoultrasonic imaging by using acoustic nanowaves. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 043106	3-4	32
220	Quantitative analysis of intrinsic skin aging in dermal papillae by in vivo harmonic generation microscopy. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 3266-79	3-5	31
219	Gap opening and orbital modification of superconducting FeSe above the structural distortion. <i>Physical Review Letters</i> , <b>2012</b> , 108, 267002	7-4	31
218	Generation of picosecond acoustic pulses using a p-n junction with piezoelectric effects. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 093110	3-4	31
217	Subwavelength Dielectric-Fiber-Based THz Coupler. <i>Journal of Lightwave Technology</i> , <b>2009</b> , 27, 1489-1495		30
216	Cell tracking and detection of molecular expression in live cells using lipid-enclosed CdSe quantum dots as contrast agents for epi-third harmonic generation microscopy. <i>Optics Express</i> , <b>2008</b> , 16, 9534-48	3-3	30
215	Epi-third and second harmonic generation microscopic imaging of abnormal enamel. <i>Optics Express</i> , <b>2008</b> , 16, 11670	3-3	30
214	Microwave resonant absorption of viruses through dipolar coupling with confined acoustic vibrations. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 043902	3-4	29
213	Thickness dependence of optical second harmonic generation in collagen fibrils. <i>Optics Express</i> , <b>2007</b> , 15, 12005-10	3-3	29
212	Terahertz Microchip for Illicit Drug Detection. <i>IEEE Photonics Technology Letters</i> , <b>2006</b> , 18, 2254-2256	2.2	28
211	Integration of CNS survival and differentiation by HIF2 $\beta$ . <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 1757-70	12.7	27

210	Second-harmonic generation imaging of collagen fibers in myocardium for atrial fibrillation diagnosis. <i>Journal of Biomedical Optics</i> , <b>2010</b> , 15, 026002	3.5	27
209	Optical piezoelectric transducer for nano-ultrasonics. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2005</b> , 52, 1404-14	3.2	27
208	Spectral analysis of high-harmonic coherent acoustic phonons in piezoelectric semiconductor multiple quantum wells. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	27
207	Photogeneration of coherent shear phonons in orientated wurtzite semiconductors by piezoelectric coupling. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	26
206	Noninvasive in vitro and in vivo assessment of epidermal hyperkeratosis and dermal fibrosis in atopic dermatitis. <i>Journal of Biomedical Optics</i> , <b>2009</b> , 14, 014008	3.5	26
205	Generation of coherent acoustic phonons in strained GaN thin films. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 3361-3363	3.4	26
204	Efficient Structure Resonance Energy Transfer from Microwaves to Confined Acoustic Vibrations in Viruses. <i>Scientific Reports</i> , <b>2015</b> , 5, 18030	4.9	26
203	Biomolecular imaging based on far-red fluorescent protein with a high two-photon excitation action cross section. <i>Optics Letters</i> , <b>2006</b> , 31, 930-2	3	25
202	120-GHz long-wavelength low-capacitance photodetector with an air-bridged coplanar metal waveguide. <i>IEEE Photonics Technology Letters</i> , <b>1995</b> , 7, 1477-1479	2.2	25
201	Nonlinear photoacoustic microscopy via a loss modulation technique: from detection to imaging. <i>Optics Express</i> , <b>2014</b> , 22, 525-36	3.3	24
200	In vivo long-term continuous observation of gene expression in zebrafish embryo nerve systems by using harmonic generation microscopy and morphant technology. <i>Journal of Biomedical Optics</i> , <b>2008</b> , 13, 064041	3.5	24
199	Higher harmonic generation microscopy. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2005</b> , 95, 17-56	1.7	24
198	Design and analysis of long absorption-length traveling-wave photodetectors. <i>Journal of Lightwave Technology</i> , <b>2000</b> , 18, 2176-2187	4	23
197	Ultrafast transport dynamics of p-i-n photodetectors under high-power illumination. <i>IEEE Photonics Technology Letters</i> , <b>1998</b> , 10, 135-137	2.2	23
196	Graphene-to-substrate energy transfer through out-of-plane longitudinal acoustic phonons. <i>Nano Letters</i> , <b>2014</b> , 14, 1317-23	11.5	22
195	Broadband terahertz ultrasonic transducer based on a laser-driven piezoelectric semiconductor superlattice. <i>Ultrasonics</i> , <b>2012</b> , 52, 1-4	3.5	22
194	Three-dimensional phononic nanocrystal composed of ordered quantum dots. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 123113	3.4	22
193	Epi-third and second harmonic generation microscopic imaging of abnormal enamel. <i>Optics Express</i> , <b>2008</b> , 16, 11670-9	3.3	22

192	Gigahertz coherent guided acoustic phonons in AlN/GaN nanowire superlattices. <i>Nano Letters</i> , <b>2013</b> , 13, 1139-44	11.5	21
191	Miniaturized video-rate epi-third-harmonic-generation fiber-microscope. <i>Optics Express</i> , <b>2010</b> , 18, 17382-91	3.1	21
190	Multi-photon resonance enhancement of third harmonic generation in human oxyhemoglobin and deoxyhemoglobin. <i>Journal of Biophotonics</i> , <b>2010</b> , 3, 678-85	3.1	21
189	Optical signal degradation study in fixed human skin using confocal microscopy and higher-harmonic optical microscopy. <i>Optics Express</i> , <b>2006</b> , 14, 749-58	3.3	21
188	Ultrahigh-power-bandwidth product and nonlinear photoconductance performances of low-temperature-grown GaAs-based metal-semiconductor-metal traveling-wave photodetectors. <i>IEEE Photonics Technology Letters</i> , <b>2002</b> , 14, 1587-1589	2.2	21
187	Nonlinear plasmonic imaging techniques and their biological applications. <i>Nanophotonics</i> , <b>2017</b> , 6, 31-496.3	3	20
186	Anharmonic decay of subterahertz coherent acoustic phonons in GaN. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 041902	3.4	20
185	Generation of frequency-tunable nanoacoustic waves by optical coherent control. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 093114	3.4	20
184	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 7575-82	7.8	19
183	Automatic cell segmentation and nuclear-to-cytoplasmic ratio analysis for third harmonic generated microscopy medical images. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2013</b> , 7, 158-68	5.1	19
182	Terahertz scanning imaging with a subwavelength plastic fiber. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 084102.3.4	3.4	19
181	Selective imaging in second-harmonic-generation microscopy by polarization manipulation. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 103903	3.4	19
180	Efficient generation of coherent acoustic phonons in (111) InGaAs/GaAs multiple quantum wells through piezoelectric effects. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 172102	3.4	19
179	Ultrahigh power-bandwidth-product performance of low-temperature-grown-GaAs based metal-semiconductor-metal traveling-wave photodetectors. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 4054-4056.3.4	3.4	19
178	Femtosecond gain dynamics in InGaAs/AlGaAs strained-layer single-quantum-well diode lasers. <i>Applied Physics Letters</i> , <b>1993</b> , 63, 96-98	3.4	19
177	Terahertz pipe-waveguide-based directional couplers. <i>Optics Express</i> , <b>2011</b> , 19, 26883-90	3.3	18
176	Ultrafast valence intersubband hole relaxation in InGaN multiple-quantum-well laser diodes. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 4675-4677	3.4	18
175	In vivo metabolic imaging of insulin with multiphoton fluorescence of human insulin-Au nanodots. <i>Small</i> , <b>2013</b> , 9, 2103-10, 2102	11	17



174	Direct backward third-harmonic generation in nanostructures. <i>Optics Express</i> , <b>2010</b> , 18, 7397-406	3.3	17
173	Femtosecond ultrasonic spectroscopy using a piezoelectric nanolayer: Hypersound attenuation in vitreous silica films. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 051913	3.4	17
172	Selectively probing vibrations in a plasmonic supracrystal. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 101903	3.4	17
171	Mapping piezoelectric-field distribution in gallium nitride with scanning second-harmonic generation microscopy. <i>Scanning</i> , <b>2001</b> , 23, 182-92	1.6	17
170	Generation of Coherent Acoustic Phonons in Nitride-Based Semiconductor Nanostructures. <i>Topics in Applied Physics</i> , <b>2004</b> , 339-394	0.5	17
169	Differential diagnosis of nonmelanoma pigmented skin lesions based on harmonic generation microscopy. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 36001	3.5	16
168	Fiber-based swept-source terahertz radar. <i>Optics Letters</i> , <b>2010</b> , 35, 1344-6	3	16
167	Selective imaging in second-harmonic-generation microscopy with anisotropic radiation. <i>Journal of Biomedical Optics</i> , <b>2009</b> , 14, 010504	3.5	16
166	Terahertz electron distribution modulation in piezoelectric In <sub>x</sub> Ga <sub>1-x</sub> N/GaN multiple quantum wells using coherent acoustic nanowaves. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	16
165	High-speed and high-power performances of LTG-GaAs based metal-semiconductor-metal traveling-wave-photodetectors in 1.3- $\mu$ m wavelength regime. <i>IEEE Photonics Technology Letters</i> , <b>2002</b> , 14, 363-365	2.2	16
164	Long mean free paths of room-temperature THz acoustic phonons in a high thermal conductivity material. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	15
163	High-depth-resolution 3-dimensional radar-imaging system based on a few-cycle W-band photonic millimeter-wave pulse generator. <i>Optics Express</i> , <b>2013</b> , 21, 14109-19	3.3	15
162	Thermal Boundary Resistance between GaN and Cubic Ice and THz Acoustic Attenuation Spectrum of Cubic Ice from Complex Acoustic Impedance Measurements. <i>Physical Review Letters</i> , <b>2013</b> , 111, 225901	7.4	15
161	Infrared-based third and second harmonic generation imaging of cornea. <i>Journal of Biomedical Optics</i> , <b>2009</b> , 14, 044012	3.5	15
160	Well-width dependent studies of InGa <sub>N</sub> -Ga <sub>N</sub> single-quantum wells using time-resolved photoluminescence techniques. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>1997</b> , 3, 731-738	3.8	15
159	Miniaturized multiphoton microscope with a 24Hz frame-rate. <i>Optics Express</i> , <b>2008</b> , 16, 10501-6	3.3	15
158	Characterizing the nanoacoustic superlattice in a phonon cavity using a piezoelectric single quantum well. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 143103	3.4	15
157	Separated-transport-recombination p-i-n photodiode for high-speed and high-power performance. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 1722-1724	2.2	15



156	Coherent phonons, nanoseismology and THz radiation in InGaN/GaN heterostructures. <i>Superlattices and Microstructures</i> , <b>2003</b> , 34, 525-529	2.8	15
155	Carrier-gain dynamics in In <sub>x</sub> Ga <sub>1-x</sub> As/AlyGa <sub>1-y</sub> As strained-layer single-quantum-well diode lasers: Comparison of theory and experiment. <i>Physical Review B</i> , <b>1994</b> , 50, 8539-8558	3.3	15
154	Third-harmonic generation microscopy reveals dental anatomy in ancient fossils. <i>Optics Letters</i> , <b>2015</b> , 40, 1354-7	3	14
153	Magnitude-tunable sub-THz shear phonons in a non-polar GaN multiple-quantum-well p-i-n diode. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 201905	3.4	14
152	Observation of femtosecond carrier thermalization time in indium nitride. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 123513	2.5	14
151	Compact fiber-delivered Cr:forsterite laser for nonlinear light microscopy. <i>Journal of Biomedical Optics</i> , <b>2005</b> , 10, 054006	3.5	14
150	Large near resonance third order nonlinearity in GaN. <i>Optical and Quantum Electronics</i> , <b>2000</b> , 32, 619-640	2.4	14
149	Fractional thermolysis by bipolar radiofrequency facilitates cutaneous delivery of peptide and siRNA with minor loss of barrier function. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1704-13	4.5	13
148	Pilot clinical study to investigate the human whole blood spectrum characteristics in the sub-THz region. <i>Optics Express</i> , <b>2015</b> , 23, 9440-51	3.3	13
147	Near-field sub-THz transmission-type image system for vessel imaging in-vivo. <i>Optics Express</i> , <b>2015</b> , 23, 25058-71	3.3	13
146	The toxic effect of Amiodarone on valve formation in the developing heart of zebrafish embryos. <i>Reproductive Toxicology</i> , <b>2012</b> , 33, 233-44	3.4	13
145	Terahertz polarization-sensitive rectangular pipe waveguides. <i>Optics Express</i> , <b>2011</b> , 19, 21532-9	3.3	13
144	Simultaneous four-photon luminescence, third-harmonic generation, and second-harmonic generation microscopy of GaN. <i>Optics Letters</i> , <b>2005</b> , 30, 2463-5	3	13
143	Ultrashort hole capture time in Mg-doped GaN thin films. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 3975-3977	3.4	13
142	Observation of huge nonlinear absorption enhancement near exciton resonance in GaN. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3087-3089	3.4	13
141	Studies of carrier dynamics in unintentionally doped gallium nitride bandtail states. <i>Applied Physics Letters</i> , <b>2001</b> , 78, 2724-2726	3.4	13
140	Slide-free imaging of hematoxylin-eosin stained whole-mount tissues using combined third-harmonic generation and three-photon fluorescence microscopy. <i>Journal of Biophotonics</i> , <b>2019</b> , 12, e201800341	3.1	13
139	Characterization of oral squamous cell carcinoma based on higher-harmonic generation microscopy. <i>Journal of Biophotonics</i> , <b>2012</b> , 5, 415-24	3.1	12

- 138 Femtosecond excitation of radial breathing mode in 2-D arrayed GaN nanorods. *Optics Express*, **2012**, 20, 16611 3-3 12
- 137 Reflection property of nano-acoustic wave at the air/GaN interface. *Applied Physics Letters*, **2004**, 85, 4735-4737 3-4 12
- 136 Femtosecond investigations of spectral hole burning in semiconductor lasers. *Applied Physics Letters*, **1995**, 66, 1650-1652 3-4 12
- 135 In vivo sub-femtoliter resolution photoacoustic microscopy with higher frame rates. *Scientific Reports*, **2015**, 5, 15421 4-9 11
- 134 Air-guided photonic-crystal-fiber pulse-compression delivery of multimewatt femtosecond laser output for nonlinear-optical imaging and neurosurgery. *Applied Physics Letters*, **2012**, 100, 101104 3-4 11
- 133 Femtosecond dynamics of exciton bleaching in bulk GaN at room temperature. *Applied Physics Letters*, **2002**, 81, 85-87 3-4 11
- 132 Slide-free clinical imaging of melanin with absolute quantities using label-free third-harmonic-generation enhancement-ratio microscopy. *Biomedical Optics Express*, **2020**, 11, 3009-3024 3-5 11
- 131 In Situ Monitoring of Chemical Reactions at a Solid-Water Interface by Femtosecond Acoustics. *Journal of Physical Chemistry Letters*, **2017**, 8, 5430-5437 6-4 10
- 130 High Sensitivity of T-Ray for Thrombus Sensing. *Scientific Reports*, **2018**, 8, 3948 4-9 10
- 129 Terahertz antiresonant-reflecting-hollow-waveguide-based directional coupler operating at antiresonant frequencies. *Optics Letters*, **2011**, 36, 3590-2 3 10
- 128 Applying harmonic optical microscopy for spatial alignment of atrial collagen fibers. *PLoS ONE*, **2010**, 5, e13917 3-7 10
- 127 Virtual biopsy of rat tympanic membrane using higher harmonic generation microscopy. *Journal of Biomedical Optics*, **2010**, 15, 046012 3-5 10
- 126 A sub-100 fs self-starting Cr:forsterite laser generating 1.4 W output power. *Optics Express*, **2010**, 18, 24085-91 3-3 10
- 125 Resonance-enhanced dipolar interaction between terahertz photons and confined acoustic phonons in nanocrystals. *Applied Physics Letters*, **2008**, 92, 093122 3-4 10
- 124 A simple terahertz spectrometer based on a low-reflectivity Fabry-Perot interferometer using Fourier transform spectroscopy. *Optics Express*, **2006**, 14, 3840-6 3-3 10
- 123 Edge-coupled membrane terahertz photonic transmitters based on metal-semiconductor-metal traveling-wave photodetectors. *Applied Physics Letters*, **2002**, 81, 5108-5110 3-4 10
- 122 Heterodyne nondegenerate pump-probe measurement technique for guided-wave devices. *Optics Letters*, **1995**, 20, 210-2 3 10
- 121 In vivo third-harmonic generation microscopy study on vitiligo patients. *Journal of Biomedical Optics*, **2019**, 25, 1-13 3-5 10

120	Pore-size dependent THz absorption of nano-confined water. <i>Optics Letters</i> , <b>2015</b> , 40, 2731-4	3	9
119	Resonant Dipolar Coupling of Microwaves with Confined Acoustic Vibrations in a Rod-shaped Virus. <i>Scientific Reports</i> , <b>2017</b> , 7, 4611	4.9	9
118	Femtosecond laser-ultrasonic investigation of plasmonic fields on the metal/gallium nitride interface. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 201102	3.4	9
117	Effects of hydration levels on the bandwidth of microwave resonant absorption induced by confined acoustic vibrations. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 173702	3.4	9
116	Interferometric detection of extensional modes of GaN nanorods array. <i>Optics Express</i> , <b>2012</b> , 20, 18717-32	3.2	9
115	Device saturation behavior of submillimeter-wave membrane photonic transmitters. <i>IEEE Photonics Technology Letters</i> , <b>2004</b> , 16, 873-875	2.2	9
114	Piezoelectric-field-enhanced lateral ambipolar diffusion coefficient in InGaN/GaN multiple quantum wells. <i>Applied Physics Letters</i> , <b>2001</b> , 78, 928-930	3.4	9
113	Additive-color multi-harmonic generation microscopy for simultaneous label-free differentiation of plaques, tangles, and neuronal axons. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 571-585	3.5	9
112	Third-harmonic generation susceptibility spectroscopy in free fatty acids. <i>Journal of Biomedical Optics</i> , <b>2015</b> , 20, 095013	3.5	8
111	Applying tattoo dye as a third-harmonic generation contrast agent for in vivo optical virtual biopsy of human skin. <i>Journal of Biomedical Optics</i> , <b>2013</b> , 18, 26012	3.5	8
110	Observation of sub-100 femtosecond electron cooling time in InN. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 052108	3.4	8
109	Femtosecond optical excitation of coherent acoustic phonons in a piezoelectric p-n junction. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	8
108	Nonlinear pulse-shaping phenomena of semiconductor saturable absorber mirror. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 231106	3.4	8
107	Narrow-band detection of propagating coherent acoustic phonons in piezoelectric InGaN/GaN multiple-quantum wells. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 133101	3.4	8
106	Optoelectronic-based high-efficiency quasi-CW terahertz imaging. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 2406-2408	2.2	8
105	Soft-glass photonic-crystal fibers for frequency shifting and white-light spectral superbroadening of femtosecond Cr:forsterite laser pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 1471	1.7	8
104	Study on melanin enhanced third harmonic generation in a live cell model. <i>Biomedical Optics Express</i> , <b>2019</b> , 10, 5716-5723	3.5	8
103	Dietary adaptations in the ultrastructure of dinosaur dentine. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	8

102	Efficient excitation of guided acoustic waves in semiconductor nanorods through external metallic acoustic transducer. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 243101	3-4	7
101	Near-field dynamic study of the nanoacoustic effect on the extraordinary transmission in gold nanogratings. <i>Optics Express</i> , <b>2012</b> , 20, 16186	3-3	7
100	An all-photonic-crystal-fiber wavelength-tunable source of high-energy sub-100 fs pulses. <i>Optics Communications</i> , <b>2013</b> , 289, 123-126	2	7
99	Virtual spatial overlap modulation microscopy for resolution improvement. <i>Optics Express</i> , <b>2013</b> , 21, 30007-18	3-3	7
98	Imaging polyhedral inclusion bodies of nuclear polyhedrosis viruses with second harmonic generation microscopy. <i>Optics Express</i> , <b>2008</b> , 16, 5602-8	3-3	7
97	Cr:Forsterite-laser-based fiber-optic nonlinear endoscope with higher efficiencies. <i>Microscopy Research and Technique</i> , <b>2008</b> , 71, 559-63	2.8	7
96	Multiplying the repetition rate of passive mode-locked femtosecond lasers by an intracavity flat surface with low reflectivity. <i>Optics Letters</i> , <b>2005</b> , 30, 439-41	3	7
95	Traveling-wave photodetectors with high power-bandwidth and gain-bandwidth product performance. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2004</b> , 10, 728-741	3.8	7
94	Triple-optical autocorrelation for direct optical pulse-shape measurement. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 1402-1404	3-4	7
93	Intracavity frequency-doubled femtosecond cr(4+):forsterite laser. <i>Applied Optics</i> , <b>2001</b> , 40, 1957-60	1.7	7
92	Ultrafast carrier-carrier scattering in Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs quantum wells. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 272, 387-390	2.8	7
91	Carrier-carrier scattering in the gain dynamics of In <sub>x</sub> Ga <sub>1-x</sub> As/Al <sub>y</sub> Ga <sub>1-y</sub> As diode lasers. <i>Physical Review B</i> , <b>1996</b> , 54, 8005-8020	3-3	7
90	Differentiating intratumoral melanocytes from Langerhans cells in nonmelanocytic pigmented skin tumors in vivo by label-free third-harmonic generation microscopy. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 76009	3.5	7
89	Comparative analysis of intrinsic skin aging between Caucasian and Asian subjects by slide-free in vivo harmonic generation microscopy. <i>Journal of Biophotonics</i> , <b>2020</b> , 13, e201960063	3.1	7
88	Advances in noninvasive functional imaging of bone. <i>Academic Radiology</i> , <b>2014</b> , 21, 281-301	4-3	5
87	Extracting elastic properties of an atomically thin interfacial layer by time-domain analysis of femtosecond acoustics. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 213101	3-4	5
86	Relaxation dynamics of surface-adsorbed water molecules in nanoporous silica probed by terahertz spectroscopy. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 081607	3-4	5
85	Enhanced detection sensitivity of higher-order vibrational modes of gold nanodisks on top of a GaN nanorod array through localized surface plasmons. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 211103	3-4	5

84	Elastic stiffness of single-crystalline FeSe measured by picosecond ultrasonics. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 073505	2.5	5
83	Evaluation of the role of CD207 on Langerhans cells in a murine model of atopic dermatitis by in situ imaging using Cr:forsterite laser-based multimodality nonlinear microscopy. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 116007	3.5	5
82	Compositional dependence of longitudinal sound velocities of piezoelectric (111) InxGa(1-x)As measured by picosecond ultrasonics. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 103516	2.5	5
81	Frequency tunability of terahertz photonic transmitters. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 093501	3.4	5
80	Electron relaxation and transport dynamics in low-temperature-grown GaAs under 1 eV optical excitation. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 911-913	3.4	5
79	2GHz repetition-rate femtosecond blue sources by second harmonic generation in a resonantly enhanced cavity. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 061112	3.4	5
78	Theory and design of a tapered line distributed photodetector. <i>Journal of Lightwave Technology</i> , <b>2002</b> , 20, 1942-1950	4	5
77	Terahertz Photoacoustic Generation Using Ultrathin Nickel Nanofilms. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 3134-3142	3.8	5
76	Third and second harmonic generation imaging of human articular cartilage <b>2009</b> ,		4
75	. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 2307-2314	1.8	4
74	Piezoelectricity-induced terahertz photon absorption by confined acoustic phonons in wurtzite CdSe nanocrystals. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	4
73	Highly nonlinear photonic-crystal fibers for the spectral transformation of Cr: forsterite laser pulses. <i>Optics Communications</i> , <b>2006</b> , 267, 505-510	2	4
72	Generation of coherent acoustic phonons in piezoelectric semiconductor heterostructures <b>2003</b> ,	4.992, 226	4
71	Nonlinear behaviors of low-temperature-grown GaAs-based photodetectors around 1.3- $\mu\text{m}$ telecommunication wavelength. <i>IEEE Photonics Technology Letters</i> , <b>2004</b> , 16, 242-244	2.2	4
70	Simultaneous multiwavelength generation from a mode-locked all-solid-state Cr:forsterite laser. <i>Optics Letters</i> , <b>2001</b> , 26, 834-6	3	4
69	Investigating the optical clearing effects of 50% glycerol in ex vivo human skin by harmonic generation microscopy. <i>Scientific Reports</i> , <b>2021</b> , 11, 329	4.9	4
68	Propagation, Resonance, and Radiation on Terahertz Optoelectronic Integrated Circuits. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 699-706	1.8	3
67	THz dielectric fiber based imaging: In vivo molecular imaging of water <b>2013</b> ,		3

66	Study of apoptosis induction using fluorescent and higher harmonic generation microscopy techniques in <i>Acartia tonsa</i> nauplii exposed to chronic concentrations of nickel. <i>Chemistry and Ecology</i> , <b>2011</b> , 27, 97-104	2.3	3
65	Diagnosing hepatocellular carcinoma with the intensity and the lifetime of two-photon red autofluorescences <b>2011</b> ,		3
64	Bipolar cascade superluminescent diodes at the 1.04 $\mu$ m wavelength regime. <i>IEEE Photonics Technology Letters</i> , <b>2009</b> , 21, 328-330	2.2	3
63	Transverse-junction superluminescent diodes at the 1.1 microm wavelength regime. <i>Optics Express</i> , <b>2008</b> , 16, 16860-6	3.3	3
62	Sub-THz Photonic-Transmitters Based on Separated-Transport-Recombination Photodiodes and a Micromachined Slot Antenna. <i>IEEE Photonics Technology Letters</i> , <b>2007</b> , 19, 840-842	2.2	3
61	In vivo Molecular-Resonant Third Harmonic Generation Microscopy of Hemoglobin <b>2007</b> ,		3
60	Characterization of ultrashort optical pulses with third-harmonic-generation based triple autocorrelation. <i>IEEE Journal of Quantum Electronics</i> , <b>2002</b> , 38, 1529-1535	2	3
59	Locked multichannel generation and management by use of a Fabry-Perot etalon in a mode-locked Cr:forsterite laser cavity. <i>IEEE Journal of Quantum Electronics</i> , <b>2002</b> , 38, 458-463	2	3
58	Studying time-dependent contribution of hot-electron versus lattice-induced thermal-expansion response in ultra-thin Au-nanofilms. <i>Applied Physics Letters</i> , <b>2020</b> , 117, 154101	3.4	3
57	Presence of intralesional melanocytes as a histopathological feature of actinic keratosis based on in vivo harmonic generation microscopy in Asians. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2021</b> , 37, 20-27	2.4	3
56	Single-laser-based simultaneous four-wavelength excitation source for femtosecond two-photon fluorescence microscopy. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 4661-4679	3.5	3
55	Detection of malformations in sea urchin <i>plutei</i> exposed to mercuric chloride using different fluorescent techniques. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 123, 72-80	7	2
54	Observation of Femtosecond Acoustic Anomaly in a Solid Liquid Interface. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 2987-2993	3.8	2
53	Harmonic generation microscopy of bone microenvironment in vivo. <i>Optics Communications</i> , <b>2018</b> , 422, 52-55	2	2
52	Saturated two-photon excitation fluorescence microscopy for the visualization of cerebral neural networks at millimeters deep depth. <i>Journal of Biophotonics</i> , <b>2019</b> , 12, e201800136	3.1	2
51	Gold Nanodots: In vivo Metabolic Imaging of Insulin with Multiphoton Fluorescence of Human Insulin@Au Nanodots (Small 12/2013). <i>Small</i> , <b>2013</b> , 9, 2102-2102	11	2
50	A novel intravital multi-harmonic generation microscope for early diagnosis of oral cancer <b>2013</b> ,		2
49	Investigation of gold/GaN nanorod arrays for hypersonic detection: The effect of periodicity. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 163108	3.4	2

48	A Study on the Fiber Dispersion Effect for the Generation of Quasi-Sinusoidal Terahertz Modulations on Optical Pulses. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 4899-4907	4	2
47	Blu-ray disk lens as the objective of a miniaturized two-photon fluorescence microscope. <i>Optics Express</i> , <b>2013</b> , 21, 31604-14	3.3	2
46	GaAs-Based Transverse Junction Superluminescent Diodes With Strain-Compensated InGaAs/AlAsP Multiple-Quantum-Wells at 1.1- $\mu\text{m}$ Wavelength. <i>IEEE Photonics Technology Letters</i> , <b>2010</b> , 22, 917-919	2.2	2
45	Electrically manipulating the optical sensitivity function in quantum wells for nanoacoustic wave detection. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 143108	3.4	2
44	Second harmonic generation imaging of the collagen in myocardium for atrial fibrillation diagnosis <b>2009</b> ,		2
43	Using hole screening effect on hole-phonon interaction to estimate hole density in Mg-doped InN. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 252106	3.4	2
42	Confined acoustic vibrations in piezoelectric GaN nanorods <b>2012</b> ,		2
41	Continuously Tunable Large-Dynamic-Range Radio-Frequency Phase Shifter Via a Soliton Self-Frequency-Shifted Source and a Dispersive Fiber. <i>IEEE Photonics Technology Letters</i> , <b>2009</b> , 21, 313-315	2.2	2
40	THz Fiber Directional Coupler <b>2007</b> ,		2
39	Air-core microstructure fiber for terahertz radiation waveguiding <b>2007</b> ,		2
38	Nano-ultrasonics: science and technology <b>2004</b> , 5352, 101		2
37	Slide-free histopathological imaging of hematoxylin-eosin-stained whole mount tissues using Cr:forsterite laser-based nonlinear microscopy <b>2019</b> ,		2
36	A femtosecond Cr <sup>4+</sup> :forsterite laser generating 1.4W output power <b>2010</b> ,		2
35	Classification of established atopic dermatitis in children with the in vivo imaging methods. <i>Journal of Biophotonics</i> , <b>2019</b> , 12, e201800148	3.1	2
34	. <i>IEEE Access</i> , <b>2021</b> , 9, 68746-68757	3.5	2
33	Nyquist-exceeding high voxel rate acquisition in mesoscopic multiphoton microscopy for full-field submicron resolution resolvability. <i>IScience</i> , <b>2021</b> , 24, 103041	6.1	2
32	<b>2017</b> ,		1
31	Two-photon photoacoustics ultrasound measurement by a loss modulation technique <b>2013</b> ,		1



30	Cell segmentation and NC ratio analysis of third harmonic generation virtual biopsy images based on marker-controlled gradient watershed algorithm <b>2012</b> ,		1
29	Terahertz photonic transmitters with a high-gain open-ended rampart slot array antenna <b>2010</b> ,		1
28	Highly Directed Radiation Pattern From a THz Photonic Transmitter With a Two-Dimensional Rampart Slot Array Antenna. <i>IEEE Photonics Technology Letters</i> , <b>2008</b> , 20, 1042-1044	2.2	1
27	GaAs-based bipolar cascade light-emitting-diodes and superluminescent-diodes at the 1.04- $\mu$ m wavelength regime <b>2008</b> ,		1
26	Least invasive in vivo imaging using harmonic generation microscopy <b>2008</b> ,		1
25	In Vivo Continuous imaging of Vertebrate Cardiac Valves for Congenital Heart Disease Study and Medical Drug Screening Using Third Harmonic Generation Microscopy <b>2007</b> ,		1
24	Resonance-enhanced functional third harmonic optical microscopy <b>2004</b> ,		1
23	Two-photon fluorescence microscope with a hollow-core photonic crystal fiber <b>2005</b> , 5691, 146		1
22	High power performance of ultrahigh bandwidth MSM TWPDS		1
21	Metal-semiconductor-metal traveling wave photodetectors		1
20	Carrier-carrier scattering: an experimental comparison of 5 and 3nm Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs quantum wells. <i>Solid State Communications</i> , <b>2000</b> , 115, 329-333	1.6	1
19	Realization of multiphoton photoacoustic microscopy via a loss modulation technique <b>2014</b> ,		1
18	Margin Assessment of Extramammary Paget Disease Based On Harmonic Generation Microscopy With Deep Neural Networks. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-7	3.8	1
17	The influence of surfaces and interfaces on coherent phonons in semiconductors. <i>Superlattices and Microstructures</i> , <b>2000</b> , 27, 593-596	2.8	0
16	Femtosecond Acoustics and Terahertz Ultrasonics. <i>EPJ Web of Conferences</i> , <b>2018</b> , 195, 00005	0.3	0
15	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-10	3.8	0
14	In vivo harmonic generation microscopy for monitoring the height of basal keratinocytes in solar lentigines after laser depigmentation treatment. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 6129-6142	3.5	0
13	Sub-wavelength THz plastic fibers <b>2007</b> , 6472, 38		

- 12 GHz repetition-rate femtosecond sources with desired repetition-rate and wavelength **2006**, 6118, 97
- 11 Generation of coherent acoustic phonons in GaN-based p-n junction. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 2662-2665
- 10 Femtosecond carrier dynamics in GaN **2001**, 4280, 1
- 9 Biological photonic crystals revealed by multimodality nonlinear microscopy **2002**, 4620, 166
- 8 Realization of phonon laser with femtosecond technology **2002**, 4643, 199
- 7 Non-linear Spectral Microscopy-Multi-Photon FL, SHG and THG. *Microscopy and Microanalysis*, **2001**, 7, 1026-1027 0.5
- 6 A rapid denoised contrast enhancement method digitally mimicking an adaptive illumination in submicron-resolution neuronal imaging.. *IScience*, **2022**, 25, 103773 6.1
- 5 Ultra-short photoacoustic pulse generation through hot electron pressure in two-dimensional electron gas. *Optics Express*, **2020**, 28, 34045-34053 3.3
- 4 Multi-Photon Scanning Microscopy Using a Femtosecond Cr:forsterite Laser **2006**, 162-177
- 3 High Bandwidth Photodetectors. *Springer Series in Photonics*, **1999**, 134-151
- 2 Harmonic Generation Microscopy. *Topics in Applied Physics*, **2015**, 517-536 0.5
- 1 Construction of a high-NFOM multiphoton microscope with large-angle resonant raster scanning.. *STAR Protocols*, **2022**, 3, 101330 1.4