

# Rashid Ganeev

## List of Publications by Citations

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436  
papers

7,509  
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46  
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65  
g-index

472  
ext. papers

8,277  
ext. citations

2  
avg, IF

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L-index

#	Paper	IF	Citations
436	Nonlinear susceptibilities, absorption coefficients and refractive indices of colloidal metals. <i>Journal Physics D: Applied Physics</i> , <b>2001</b> , 34, 1602-1611	3	197
435	Strong resonance enhancement of a single harmonic generated in the extreme ultraviolet range. <i>Optics Letters</i> , <b>2006</b> , 31, 1699-701	3	153
434	Characterization of optical and nonlinear optical properties of silver nanoparticles prepared by laser ablation in various liquids. <i>Optics Communications</i> , <b>2004</b> , 240, 437-448	2	147
433	High-order harmonic generation from silver plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 339, 103-109	2.3	129
432	Nonlinear refraction in CS <sub>2</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>2004</b> , 78, 433-438	1.9	120
431	High-order harmonic generation in a laser plasma: a review of recent achievements. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, R213-R253	1.3	112
430	Harmonic generation from indium-rich plasmas. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	110
429	Characterization of nonlinear optical parameters of KDP, LiNbO <sub>3</sub> and BBO crystals. <i>Optics Communications</i> , <b>2004</b> , 229, 403-412	2	103
428	Higher-order harmonic generation from fullerene by means of the plasma harmonic method. <i>Physical Review Letters</i> , <b>2009</b> , 102, 013903	7.4	100
427	Low- and high-order nonlinear optical properties of Au, Pt, Pd, and Ru nanoparticles. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 063102	2.5	95
426	Influence of the main pulse and prepulse intensity on high-order harmonic generation in silver plasma ablation. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	82
425	High-order harmonic generation from boron plasma in the extreme-ultraviolet range. <i>Optics Letters</i> , <b>2005</b> , 30, 768-70	3	79
424	Anomalous enhancement of a single high-order harmonic by using a laser-ablation tin plume at 47 nm. <i>Optics Letters</i> , <b>2006</b> , 31, 3306-8	3	79
423	Strong enhancement and extinction of single harmonic intensity in the mid- and end-plateau regions of the high harmonics generated in weakly excited laser plasmas. <i>Optics Letters</i> , <b>2007</b> , 32, 65-7	3	76
422	Saturated absorption and nonlinear refraction of silicate glasses doped with silver nanoparticles at 532 nm. <i>Optical and Quantum Electronics</i> , <b>2004</b> , 36, 949-960	2.4	76
421	Enhancement of high-order harmonic generation using a two-color pump in plasma plumes. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	75
420	Quasi-phase-matching of high-order harmonics in multiple plasma jets. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	70

419	High-order harmonic generation in Ag nanoparticle-containing plasma. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2008</b> , 41, 045603	1.3	69
418	Demonstration of the 101st harmonic generated from a laser-produced manganese plasma. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	69
417	Systematic investigation of resonance-induced single-harmonic enhancement in the extreme-ultraviolet range. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	68
416	Intense exact resonance enhancement of single-high-harmonic from an antimony ion by using Ti:Sapphire laser at 37 nm. <i>Optics Express</i> , <b>2007</b> , 15, 1161-6	3.3	64
415	Experimental and theoretical studies of two-color-pump resonance-induced enhancement of odd and even harmonics from a tin plasma. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	63
414	Investigation of nonlinear refraction and nonlinear absorption of semiconductor nanoparticle solutions prepared by laser ablation. <i>Journal of Optics</i> , <b>2003</b> , 5, 409-417		62
413	Optimization of the high-order harmonics generated from silver plasma. <i>Applied Physics B: Lasers and Optics</i> , <b>2007</b> , 87, 243-247	1.9	61
412	Pulsed laser deposition of metal films and nanoparticles in vacuum using subnanosecond laser pulses. <i>Applied Optics</i> , <b>2007</b> , 46, 1205-10	1.7	61
411	Optical harmonics generation in low-temperature laser-produced plasmas. <i>Optics Communications</i> , <b>1997</b> , 135, 251-256	2	60
410	Low- and high-order nonlinear optical properties of BaTiO <sub>3</sub> and SrTiO <sub>3</sub> nanoparticles. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2008</b> , 25, 325	1.7	60
409	Single-harmonic enhancement by controlling the chirp of the driving laser pulse during high-order harmonic generation from GaAs plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 2535	1.7	60
408	Enhanced high-order-harmonic generation in a carbon ablation plume. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	59
407	Simulation of resonant high-order harmonic generation in a three-dimensional fullerenelike system by means of a multiconfigurational time-dependent Hartree-Fock approach. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	59
406	High-order harmonic generation in carbon-nanotube-containing plasma plumes. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	58
405	High-order harmonic generation in graphite plasma plumes using ultrashort laser pulses: a systematic analysis of harmonic radiation and plasma conditions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 165402	1.3	57
404	Nonlinear optical characteristics of nanoparticles in suspensions and solid matrices. <i>Applied Physics B: Lasers and Optics</i> , <b>2006</b> , 84, 295-302	1.9	57
403	Nonlinear refraction and nonlinear absorption of various media. <i>Journal of Optics</i> , <b>2005</b> , 7, 717-733		57
402	Stable generation of high-order harmonics of femtosecond laser radiation from laser produced plasma plumes at 1 kHz pulse repetition rate. <i>Optics Letters</i> , <b>2012</b> , 37, 2064-6	3	55

401	High-order harmonic generation from laser plasma produced by pulses of different duration. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	55
400	Laser ablation of GaAs in liquids: structural, optical, and nonlinear optical characteristics of colloidal solutions. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 80, 595-601	1.9	54
399	Saturated absorption and reverse saturated absorption of Cu:SiO <sub>2</sub> at $\lambda = 532$ nm. <i>Physica Status Solidi (B): Basic Research</i> , <b>2004</b> , 241, R1-R4	1.3	53
398	Two- and three-photon absorption in CS <sub>2</sub> . <i>Optics Communications</i> , <b>2004</b> , 231, 431-436	2	53
397	Optical properties and luminescence of metallic nanoclusters in ZnO:Cu. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 363, 88-95	2.8	52
396	Generation of high-order harmonics of high-power lasers in plasmas produced under irradiation of solid target surfaces by a prepulse. <i>Physics-Uspokhi</i> , <b>2009</b> , 52, 55-77	2.8	51
395	Characterization of nonlinear optical parameters of copper- and silver-doped silica glasses at $\lambda = 1064$ nm. <i>Physica Status Solidi (B): Basic Research</i> , <b>2004</b> , 241, 935-944	1.3	51
394	Application of RZ-scan technique for investigation of nonlinear refraction of sapphire doped with Ag, Cu, and Au nanoparticles. <i>Optics Communications</i> , <b>2005</b> , 253, 205-213	2	51
393	Nonlinear optical characteristics of C <sub>60</sub> and C <sub>70</sub> films and solutions. <i>Optics Communications</i> , <b>2000</b> , 185, 473-478	2	51
392	Fifth-order optical nonlinearity of pseudoisocyanine solution at 529 nm. <i>Journal of Optics</i> , <b>2004</b> , 6, 282-287		50
391	Generation of strong coherent extreme ultraviolet radiation from the laser plasma produced on the surface of solid targets. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 81, 1081-1089	1.9	48
390	Generation of broadband noise-like pulse from Yb-doped fiber laser ring cavity. <i>Optics Letters</i> , <b>2015</b> , 40, 804-7	3	46
389	High-order harmonic generation from C <sub>60</sub> -rich plasma. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	46
388	Highly directive 18.9 nm nickel-like molybdenum x-ray laser operating at 150 mJ pump energy. <i>Physical Review Letters</i> , <b>2002</b> , 89, 253902	7.4	46
387	Study of high-order harmonic generation from nanoparticles. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 025603	1.3	44
386	Characterization of nonlinear optical parameters of polymethine dyes. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 76, 683-686	1.9	44
385	Harmonic generation from chromium plasma. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 131116	3.4	44
384	Nano-ripple formation on different band-gap semiconductor surfaces using femtosecond pulses. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 084347	2.5	43

383	Nonlinear optical susceptibilities of copper- and silver-doped silicate glasses in the ultraviolet range. <i>Physica Status Solidi (B): Basic Research</i> , <b>2003</b> , 238, R5-R7	1.3	42
382	Influence of ablated and tunneled electrons on quasi-phase-matched high-order-harmonic generation in laser-produced plasma. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	41
381	Isolated sub-fs XUV pulse generation in Mn plasma ablation. <i>Optics Express</i> , <b>2012</b> , 20, 25239-48	3.3	41
380	High-order harmonic generation in fullerenes using few- and multi-cycle pulses of different wavelengths. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 7	1.7	40
379	Enhancement of high harmonics from plasmas using two-color pump and chirp variation of 1 kHz Ti:sapphire laser pulses. <i>Optics Express</i> , <b>2012</b> , 20, 90-100	3.3	39
378	Nonlinear optical properties of CdS and ZnS nanoparticles doped into zirconium oxide films. <i>Journal of Optics</i> , <b>2004</b> , 6, 447-453		39
377	High-Order Harmonic Generation in Laser Plasma Plumes <b>2012</b> ,		38
376	Third-harmonic generation in air by use of femtosecond radiation in tight-focusing conditions. <i>Applied Optics</i> , <b>2006</b> , 45, 748-55	1.7	37
375	Comparative studies of resonance enhancement of harmonic radiation in indium plasma using multicycle and few-cycle pulses. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	36
374	High-order harmonic generation in a plasma plume of in situ laser-produced silver nanoparticles. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	36
373	Nonlinear optical absorption and refraction in Ru, Pd, and Au nanoparticle suspensions. <i>Applied Physics B: Lasers and Optics</i> , <b>2010</b> , 100, 571-576	1.9	35
372	Nonlinear optical absorption of ZnO doped with copper nanoparticles in the picosecond and nanosecond pulse laser field. <i>Applied Optics</i> , <b>2005</b> , 44, 2839-45	1.7	35
371	Low-order harmonic generation in metal ablation plasmas in nanosecond and picosecond laser regimes. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 043111	2.5	34
370	Ablation of nanoparticles and efficient harmonic generation using a 1-kHz laser. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	33
369	Harmonic generation in laser-produced plasmas containing atoms, ions and clusters: a review. <i>Journal of Modern Optics</i> , <b>2012</b> , 59, 409-439	1.1	33
368	Long- and short-period nanostructure formation on semiconductor surfaces at different ambient conditions. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 1077	1.7	33
367	Optical and nonlinear optical characteristics of the Ge and GaAs nanoparticle suspensions prepared by laser ablation. <i>Optics Communications</i> , <b>2007</b> , 272, 242-246	2	33
366	Variable pattern of high-order harmonic spectra from a laser-produced plasma by using the chirped pulses of narrow-bandwidth radiation. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	33

365	Charge Transfer Effects on Resonance-Enhanced Raman Scattering for Molecules Adsorbed on Single-Crystalline Perovskite. <i>ACS Photonics</i> , <b>2018</b> , 5, 1619-1627	6.3	31
364	Nonlinear optical characterization of copper oxide nanoellipsoids. <i>Scientific Reports</i> , <b>2019</b> , 9, 11414	4.9	31
363	Harmonic generation from partially ionized plasma [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2014</b> , 31, 2221	1.7	31
362	Structural, optical, and nonlinear optical properties of indium nanoparticles prepared by laser ablation. <i>Applied Physics B: Lasers and Optics</i> , <b>2007</b> , 86, 337-341	1.9	31
361	High-order harmonic cut-off frequency in atomic silver irradiated by femtosecond laser pulses: theory and experiment. <i>European Physical Journal D</i> , <b>2013</b> , 67, 1	1.3	30
360	Low-power laser hardening of steels. <i>Journal of Materials Processing Technology</i> , <b>2002</b> , 121, 414-419	5.3	30
359	Application of the nonlinear optical properties of platinum nanoparticles for the mode locking of Nd:glass laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2009</b> , 94, 647-651	1.9	29
358	Growth and study of nonlinear refraction and absorption in Mg doped single crystals. <i>Journal of Crystal Growth</i> , <b>2009</b> , 311, 2597-2601	1.6	29
357	Seventy-first harmonic generation from doubly charged ions in preformed laser-ablation vanadium plume at 110 eV. <i>Optics Express</i> , <b>2007</b> , 15, 4112-7	3.3	29
356	Non-linear optical properties of metal nanoparticles implanted in silicate glass. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2003</b> , 206, 624-628	1.2	29
355	Systematic studies of two-color pump-induced high-order harmonic generation in plasma plumes. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	28
354	Analysis of nonlinear self-interaction of femtosecond pulses during high-order harmonic generation in laser-produced plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 1332	1.7	28
353	Optical limiting in fullerenes, colloidal metal solutions, and semiconductors in the field of pico-and nanosecond pulses of an Nd:YAG laser. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2002</b> , 93, 789-796	0.7	28
352	Nonlinear Optical Properties of Materials. <i>Springer Series in Optical Sciences</i> , <b>2013</b> ,	0.5	26
351	Influence of C60 morphology on high-order harmonic generation enhancement in fullerene-containing plasma. <i>Journal of Applied Physics</i> , <b>2009</b> , 106, 103103	2.5	26
350	Comparison of high-order harmonic generation from various cluster- and ion-containing laser plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 055402	1.3	26
349	Synthesis and photoluminescence properties of silver nanowires. <i>Current Applied Physics</i> , <b>2010</b> , 10, 853-857		26
348	Optical limiting in cobalt-doped polyvinylpyrrolidone. <i>Applied Physics B: Lasers and Optics</i> , <b>2002</b> , 74, 47-51.	1.9	26

347	Variations of nonlinear optical characteristics of C60 thin films at 532 nm. <i>Optics Communications</i> , <b>2003</b> , 225, 131-139	2	26
346	Low-order harmonic generation in nanosecond laser ablation plasmas of carbon containing materials. <i>Applied Surface Science</i> , <b>2013</b> , 278, 33-37	6.7	25
345	Generation of harmonics of laser radiation in plasmas. <i>Laser Physics Letters</i> , <b>2012</b> , 9, 175-194	1.5	25
344	Strong nonlinear absorption in perovskite films. <i>Optical Materials Express</i> , <b>2018</b> , 8, 1472	2.6	24
343	Advanced properties of extended plasmas for efficient high-order harmonic generation. <i>Physics of Plasmas</i> , <b>2014</b> , 21, 053503	2.1	24
342	Low- and high-order harmonic generation in the extended plasmas produced by laser ablation of zinc and manganese targets. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 243102	2.5	24
341	Quasi-phase-matching-induced enhancement of high-order harmonics during two-colour pump of multi-jet plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2014</b> , 47, 105401	1.3	24
340	Resonance enhancement of single even harmonic of laser radiation in tin-containing plasma using intensity variation of two-color pump. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 1055	1.7	24
339	Nonlinear-optical parameters of various media. <i>Quantum Electronics</i> , <b>2007</b> , 37, 605-622	1.8	24
338	Two-photon absorption and nonlinear refraction of amorphous chalcogenide films. <i>Journal of Optics</i> , <b>2002</b> , 4, 446-451		24
337	Recent Advances in Femtosecond Laser-Induced Surface Structuring for Oil/Water Separation. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1554	2.6	23
336	High-order harmonic generation in plasmas from nanoparticle and mixed metal targets at 1-kHz repetition rate. <i>Applied Physics B: Lasers and Optics</i> , <b>2015</b> , 120, 17-24	1.9	23
335	Comparison of high-order harmonic generation in uracil and thymine ablation plumes. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 12308-13	3.6	23
334	Optimization of harmonic generation from boron plasma. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 103303	2.5	23
333	Enhanced harmonic generation using different second-harmonic sources for the two-color pump of extended laser-produced plasmas. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2014</b> , 31, 911	1.7	22
332	Spatial coherence measurements of non-resonant and resonant high harmonics generated in laser ablation plumes. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 021122	3.4	22
331	Variation of harmonic spectra in laser-produced plasmas at variable phase of femtosecond laser pulses of different bandwidth. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 2143 <sup>1.7</sup>		22
330	High-order harmonic generation in nanoparticle-containing laser-produced plasmas. <i>Laser Physics</i> , <b>2008</b> , 18, 1009-1015	1.2	22



329	Influence of laser ablation parameters on optical and nonlinear optical characteristics of semiconductor solutions. <i>Optics Communications</i> , <b>2005</b> , 246, 163-171	2	22
328	Effective high-order harmonic generation from metal sulfide quantum dots. <i>Optics Express</i> , <b>2018</b> , 26, 35013-35025	3.3	22
327	Enhanced harmonic generation in C60-containing plasma plumes. <i>Applied Physics B: Lasers and Optics</i> , <b>2010</b> , 100, 581-585	1.9	21
326	Tuning of the high-order harmonics generated from laser plasma plumes and solid surfaces by varying the laser spectrum, chirp, and focal position. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 1138	1.7	21
325	Observation of single high-harmonic enhancement by quasi-resonance with a tellurium ion in a laser-ablation plume at 2944 nm. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 2686	1.7	21
324	Frequency conversion of picosecond radiation in fullerene-doped polyimide films and colloidal metals. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2001</b> , 3, 88-92		21
323	Experimental study of harmonic generation from solid surfaces irradiated by multipicosecond laser pulses. <i>Physical Review E</i> , <b>2001</b> , 63, 026402	2.4	21
322	Indium plasma in single- and two-color mid-infrared fields: Enhancement of tunable harmonics. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	20
321	Use of carbon-containing materials for efficient high-order harmonic generation of laser radiation. <i>Optics Communications</i> , <b>2012</b> , 285, 2934-2941	2	20
320	Nanosecond laser-induced periodic surface structures on wide band-gap semiconductors. <i>Applied Surface Science</i> , <b>2013</b> , 278, 325-329	6.7	20
319	Intense multimicrojoule high-order harmonics generated from neutral atoms of In2O3 nanoparticles. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 111108	3.4	20
318	Analysis of third-order nonlinear susceptibilities of quadratic nonlinear optical crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2006</b> , 23, 75	1.7	20
317	Nonlinear Optical Characteristics of BSO and BGO Photorefractive Crystals in Visible and Infrared Ranges. <i>Optical and Quantum Electronics</i> , <b>2004</b> , 36, 807-818	2.4	20
316	Nonlinear refraction and nonlinear absorption of As2S3 aqueous solution. <i>Optical and Quantum Electronics</i> , <b>2003</b> , 35, 211-219	2.4	20
315	Resonant and non-resonant high-order harmonic generation in the plasmas produced by 1 kHz picosecond and femtosecond pulses. <i>European Physical Journal D</i> , <b>2014</b> , 68, 1	1.3	19
314	Extended high-order harmonics from laser-produced Cd and Cr plasmas. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 051101	3.4	19
313	Comparative analysis of the high-order harmonic generation in the laser ablation plasmas prepared on the surfaces of complex and atomic targets. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2008</b> , 25, 1127	1.7	19
312	Nonlinear optical characteristics of carbon disulfide. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2006</b> , 100, 108-118	0.7	19



311	Nonlinear optical properties of gold nanoparticles synthesized by ion implantation in sapphire matrix. <i>Technical Physics Letters</i> , <b>2005</b> , 31, 702-705	0.7	19
310	Optical harmonic generation in media with positive dispersion. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , <b>1986</b> , 41, 69-71		19
309	Two-color high-harmonic generation in plasmas: efficiency dependence on the generating particle properties. <i>Optics Express</i> , <b>2016</b> , 24, 13971-83	3.3	19
308	Nonlinear Optical Studies of Gold Nanoparticle Films. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	19
307	High-order harmonic generation in laser surface ablation: current trends. <i>Physics-Uspekhi</i> , <b>2013</b> , 56, 772-800		18
306	Theoretical investigation of resonant nonperturbative high-order harmonic generation in indium vapors. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 165	1.7	18
305	Carbon aerogel plumes as an efficient medium for higher harmonic generation in the 400-900 nm range. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2011</b> , 28, 360	1.7	18
304	Maximizing the yield and cutoff of high-order harmonic generation from plasma plume. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 2770	1.7	18
303	High-order harmonic generation from carbon plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2005</b> , 22, 1927	1.7	18
302	Resonance-Induced Enhancement of the High-Order Harmonic Generation in Plasma. <i>The Open Spectroscopy Journal</i> , <b>2009</b> , 3, 1-8		18
301	Strong third-order optical nonlinearities of Ag nanoparticles synthesized by laser ablation of bulk silver in water and air. <i>Applied Physics A: Materials Science and Processing</i> , <b>2018</b> , 124, 1	2.6	18
300	Optical limiting, nonlinear refraction and nonlinear absorption of the associates of CdZnS quantum dots and dyes. <i>Optics Express</i> , <b>2018</b> , 26, 13865-13875	3.3	17
299	Quasi-phase-matching of high-order harmonics in plasma plumes: theory and experiment. <i>Optics Express</i> , <b>2017</b> , 25, 21068-21083	3.3	17
298	Components of the third-order nonlinear susceptibility tensors in KDP, DKDP and LiNbO <sub>3</sub> nonlinear optical crystals. <i>Quantum Electronics</i> , <b>2004</b> , 34, 657-662	1.8	17
297	Ultrafast fiber laser-induced fabrication of superhydrophobic and self-cleaning metal surfaces. <i>Applied Surface Science</i> , <b>2021</b> , 542, 148560	6.7	17
296	Application of mid-infrared pulses for quasi-phase-matching of high-order harmonics in silver plasma. <i>Optics Express</i> , <b>2016</b> , 24, 3414-23	3.3	16
295	Fullerenes: The attractive medium for harmonic generation. <i>Laser Physics</i> , <b>2011</b> , 21, 25-43	1.2	16
294	Application of nanoparticle-containing laser plasmas for optical harmonic generation. <i>Journal of Applied Physics</i> , <b>2009</b> , 106, 023104	2.5	16

293	Higher harmonics generation for intense laser radiation in plasma created by a prepulse acting on the surface of a solid target. <i>Uspekhi Fizicheskikh Nauk</i> , <b>2009</b> , 179, 65	0.5	16
292	Nonlinear properties of composites based on dielectric layers containing copper and silver nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2003</b> , 95, 967-975 <sup>0.7</sup>		16
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290	Laser - Surface Interactions <b>2014</b> ,		15
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