

Rashid Ganeev

List of Publications by Year in Descending Order

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

436
papers

7,509
citations

46
h-index

65
g-index

472
ext. papers

8,277
ext. citations

2
avg, IF

6.26
L-index

#	Paper	IF	Citations
436	Third-order optical nonlinearities of exfoliated BiTe nanoparticle films in UV, visible and near-infrared ranges measured by tunable femtosecond pulses. <i>Optics Express</i> , 2022 , 30, 6970-6980	3.3	0
435	Third-order optical nonlinearities and high-order harmonics generation in Ni-doped CsPbBr ₃ nanocrystals using single- and two-color chirped pulses. <i>Journal of Materials Science</i> , 2022 , 57, 3468-3485	4.3	2
434	Optical nonlinearities of mercury telluride quantum dots measured by nanosecond pulses. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2022 , 101025	2.6	0
433	Reexamining Different Factors of the Resonance-Enhanced High-Order Harmonic Generation in Atomic and Nanoparticle Laser-Induced Tin Plasmas. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2193	2.6	1
432	Enhanced XUV harmonics generation from diatomic gases using two orthogonally polarized laser fields. <i>Scientific Reports</i> , 2021 , 11, 5534	4.9	4
431	Resonance-affected high-order harmonic emission from atomic and molecular chromium laser-induced plasmas. <i>OSA Continuum</i> , 2021 , 4, 1545	1.4	0
430	Synthesis and low-order optical nonlinearities of colloidal HgSe quantum dots in the visible and near infrared ranges. <i>Optics Express</i> , 2021 , 29, 16710-16726	3.3	1
429	Reversible wettability transition of laser-textured metals after vacuum storing and low-temperature annealing. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	1
428	Influence of gas environment on the dynamics of wetting transition of laser-textured stainless steel meshes. <i>AIP Advances</i> , 2021 , 11, 075221	1.5	
427	Ultrafast fiber laser-induced fabrication of superhydrophobic and self-cleaning metal surfaces. <i>Applied Surface Science</i> , 2021 , 542, 148560	6.7	17
426	Nonlinear optical properties of Ag nanoparticles with and without silicon dioxide shell. <i>Optical Materials</i> , 2021 , 111, 110583	3.3	2
425	High-Order Harmonics Generation in Atomic and Molecular Zinc Plasmas. <i>Photonics</i> , 2021 , 8, 29	2.2	3
424	Investigation of Resonance-Enhanced High-Order Harmonics by Two-Component Laser-Produced Plasmas. <i>Atoms</i> , 2021 , 9, 1	2.1	4
423	Distinction in resonance properties of the atomic and molecular contained plasmas used for high-order harmonics generation of ultrafast laser pulses. <i>Journal of Applied Physics</i> , 2021 , 129, 043103	2.5	3
422	Carbon nanostructure containing plasma: Medium for efficient high-order harmonics of 1030 nm laser. <i>Physics of Plasmas</i> , 2021 , 28, 023111	2.1	2
421	Probing Laser Plasma Dynamics Using High-Order Harmonics Generation in Carbon-Containing Nanomaterials. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2143	2.6	3
420	Creation of azimuthally and radially directed laser-induced periodic structures on large tantalum surface. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 185109	3	0

4 ¹⁹	Exfoliated Bi ₂ Te ₃ nanoparticle suspensions and films: morphological and nonlinear optical characterization. <i>Nanophotonics</i> , 2021 ,	6.3	2
4 ¹⁸	Analysis of laser plasma dynamics using the time resolved nonlinear optical response of ablated carbon nanocomposites mixed with epoxy resin. <i>Optics Express</i> , 2021 , 29, 35877-35890	3.3	0
4 ¹⁷	Third-order nonlinear optical effects of silver nanoparticles and third harmonic generation from their plasma plumes. <i>Optik</i> , 2021 , 245, 167680	2.5	1
4 ¹⁶	Nonlinear refraction and absorption of spectrally tuneable picosecond pulses in carbon disulfide. <i>Optical Materials</i> , 2021 , 122, 111778	3.3	0
4 ¹⁵	Nonlinear Absorption and Refraction of Picosecond and Femtosecond Pulses in HgTe Quantum Dot Films.. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
4 ¹⁴	Simultaneous Manipulation of the Optical and Wettability Properties of Metal Surfaces Using 150 kHz Femtosecond Fiber Laser. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6207	2.6	1
4 ¹³	Nonlinear Refraction in Colloidal Silver Sulfide Quantum Dots. <i>Journal of Russian Laser Research</i> , 2020 , 41, 670-680	0.7	3
4 ¹²	Critical points in photoluminescence spectra and their relation with phase transition in Nb-doped SrTiO ₃ . <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
4 ¹¹	Incoherent and coherent extreme ultraviolet emission from boron plasma. <i>European Physical Journal D</i> , 2020 , 74, 1	1.3	1
4 ¹⁰	Influence of PVP polymer concentration on nonlinear absorption in silver nanoparticles at resonant excitation. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
4 ⁰⁹	High-harmonic generation in lanthanide-containing plasmas. <i>AIP Advances</i> , 2020 , 10, 015231	1.5	2
4 ⁰⁸	High-order harmonics generation in the plasmas produced on different rotating targets during ablation using 1 kHz and 100 kHz lasers. <i>Optics Express</i> , 2020 , 28, 18859-18875	3.3	5
4 ⁰⁷	Enhancement of Harmonics Generated in Modulated Indium Laser-Plasmas: Experiment and Theory. <i>Springer Proceedings in Physics</i> , 2020 , 99-102	0.2	1
4 ⁰⁶	High-Order Harmonic Generation in Au Nanoparticle-Contained Plasmas. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
4 ⁰⁵	The mechanism of laser-assisted generation of aluminum nanoparticles, their wettability and nonlinearity properties. <i>Applied Surface Science</i> , 2020 , 527, 146702	6.7	7
4 ⁰⁴	Orientation dependences of high-order harmonic generation in H ₂ and H ₂ + molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 155405	1.3	1
4 ⁰³	Application of combustion flames for generation of third harmonic and super-hydrophobic coating of glasses by deposited carbon nanoparticle films. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 075301	3	3
4 ⁰²	Superhydrophobic and superhydrophilic properties of laser-ablated plane and curved surfaces. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	9

401	High-order harmonic generation during different overlaps of two-colored pulses in laser-produced plasmas and gases. <i>European Physical Journal D</i> , 2020 , 74, 1	1.3	10
400	Application of 150 kHz Laser for High-Order Harmonic Generation in Different Plasmas. <i>Photonics</i> , 2020 , 7, 66	2.2	3
399	Resonance enhancement of harmonics in the vicinity of 32 nm spectral range during propagation of femtosecond pulses through the molybdenum plasma. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 195401	1.3	5
398	Expedited Transition in the Wettability Response of Metal Meshes Structured by Femtosecond Laser Pulses for Oil-Water Separation. <i>Frontiers in Chemistry</i> , 2020 , 8, 768	5	12
397	Nonlinear optical properties of hybrid associates of Ag2S quantum dots with erythrosine molecules. <i>Optik</i> , 2020 , 200, 163391	2.5	5
396	Formation, aging and self-assembly of regular nanostructures from laser ablation of indium and zinc in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 584, 124016	5.1	4
395	Third and fifth harmonics generation in air and nanoparticle-containing plasmas using 150-kHz fiber laser. <i>Applied Physics B: Lasers and Optics</i> , 2020 , 126, 1	1.9	2
394	Structural variations during aging of the particles synthesized by laser ablation of copper in water. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	7
393	Low- and High-Order Nonlinear Optical Characterization of Metal Sulfide Quantum Dots. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2019 , 127, 293-313	0.7	1
392	Characterization of the Optical Nonlinearities of Silver and Gold Nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2019 , 127, 487-507	0.7	3
391	Interaction of Pulses of Different Duration with Chemically Prepared Silver Nanoparticles: Analysis of Optical Nonlinearities. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-12	3.2	2
390	Pulse Duration and Wavelength Effects of Laser Ablation on the Oxidation, Hydrolysis, and Aging of Aluminum Nanoparticles in Water. <i>Nanomaterials</i> , 2019 , 9,	5.4	11
389	Effect of Size on the Saturable Absorption and Reverse Saturable Absorption in Silver Nanoparticle and Ultrafast Dynamics at 400 nm. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-12	3.2	10
388	Comparative analyses of optical limiting effects in metal nanoparticles and perovskite nanocrystals. <i>Optical Materials</i> , 2019 , 92, 366-372	3.3	7
387	Effects of Laser Plasma Formation on Quasi-Phase Matching of High-Order Harmonics from Nanoparticles and Atoms. <i>Nanomaterials</i> , 2019 , 9,	5.4	7
386	Recent Advances in Femtosecond Laser-Induced Surface Structuring for Oil/Water Separation. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1554	2.6	23
385	Application of Quasi-Phase Matching Concept for Enhancement of High-Order Harmonics of Ultrashort Laser Pulses in Plasmas. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1701	2.6	8
384	High-order harmonics generation under quasi-phase matched conditions in silver, boron, and silver sulfide plasmas of different configurations. <i>Journal of Applied Physics</i> , 2019 , 125, 153101	2.5	4

383	Low- and high-order nonlinear optical properties of Ag ₂ S quantum dot thin films. <i>Nanophotonics</i> , 2019 , 8, 849-858	6.3	5
382	Nonlinear optical characterization of copper oxide nanoellipsoids. <i>Scientific Reports</i> , 2019 , 9, 11414	4.9	31
381	Resonance-enhanced harmonics in mixed laser-produced plasmas. <i>Plasma Research Express</i> , 2019 , 1, 035002	0.0	4
380	Influence of gadolinium doping on low- and high-order nonlinear optical properties and transient absorption dynamics of ZnO nanomaterials. <i>Optical Materials</i> , 2019 , 95, 109241	3.3	7
379	Aluminum nanoparticle plasma formation for high-order harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019 , 52, 245601	1.3	
378	Nonlinear optical properties of associates of erythrosine molecules and gold nanoparticles. <i>Materials Research Express</i> , 2019 , 6, 1150c8	1.7	3
377	Time-dependent optimization of laser-produced molecular plasmas through high-order harmonic generation. <i>Physics of Plasmas</i> , 2019 , 26, 100703	2.1	4
376	Study of various material particles by third harmonic generation method based on laser pulse induced plasma. <i>Optical Materials</i> , 2019 , 98, 109423	3.3	1
375	High-order harmonic generation using quasi-phase matching and two-color pump in the plasmas containing molecular and alloyed metal sulfide quantum dots. <i>Journal of Applied Physics</i> , 2019 , 126, 193103	2.5	11
374	Size-dependent off-resonant nonlinear optical properties of gold nanoparticles and demonstration of efficient optical limiting. <i>Optical Materials Express</i> , 2019 , 9, 976	2.6	13
373	Role of carbon clusters in high-order harmonic generation in graphite plasmas. <i>OSA Continuum</i> , 2019 , 2, 1510	1.4	5
372	Comparison studies of high-order harmonic generation in argon gas and different laser-produced plasmas. <i>OSA Continuum</i> , 2019 , 2, 2381	1.4	9
371	Low- and High-Order Nonlinear Optical Characterization of Metal Sulfide Quantum Dots. <i>Technical Physics</i> , 2019 , 127, 291	0	
370	Characterization of the Optical Nonlinearities of Silver and Gold Nanoparticles. <i>Technical Physics</i> , 2019 , 127, 453	0	
369	Calculation of high-order harmonic generation in laser-produced lithium plasma. <i>Optics Letters</i> , 2019 , 44, 3693-3696	3	2
368	Nonlinear Optical Studies of Gold Nanoparticle Films. <i>Nanomaterials</i> , 2019 , 9,	5.4	19
367	Role of Aging in the Formation of Non-spherical Nanostructures during Laser-Matter Interaction in Water. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2019 , 127, 1155-1160	0.7	2
366	Low- and high-order nonlinear optical studies of ZnO nanocrystals, nanoparticles, and nanorods. <i>European Physical Journal D</i> , 2019 , 73, 1	1.3	7

365	Quasi-phase matching of harmonics generating in laser plasmas: experiment and theory. <i>EPJ Web of Conferences</i> , 2019 , 220, 01013	0.3	
364	Analytical treatment of quasi-phase matching of high-order harmonics in multijet laser plasmas: influence of free electrons between jets, intrinsic phase, and Gouy phase. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019 , 52, 075601	1.3	4
363	Effect of different hardness and melting point of the metallic surfaces on structural and optical properties of synthesized nanoparticles. <i>Materials Research Express</i> , 2019 , 6, 045027	1.7	1
362	Ag2S quantum dots in the fields of picosecond and femtosecond UV and IR pulses: optical limiting, nonlinear absorption and refraction properties. <i>Applied Physics B: Lasers and Optics</i> , 2019 , 125, 1	1.9	12
361	Charge Transfer Effects on Resonance-Enhanced Raman Scattering for Molecules Adsorbed on Single-Crystalline Perovskite. <i>ACS Photonics</i> , 2018 , 5, 1619-1627	6.3	31
360	Nonlinear absorption of some thiazine, xanthen, and carbocyanine dyes. <i>Optik</i> , 2018 , 157, 113-124	2.5	1
359	Peculiarities of the nonlinear optical absorption of Methylene blue and Thionine in different solvents. <i>Dyes and Pigments</i> , 2018 , 149, 236-241	4.6	12
358	Low-order nonlinear optical properties of metal nanoparticles 2018 , 117-163		
357	Optical limiting, nonlinear refraction and nonlinear absorption of the associates of CdZnS quantum dots and dyes. <i>Optics Express</i> , 2018 , 26, 13865-13875	3.3	17
356	Strong nonlinear absorption in perovskite films. <i>Optical Materials Express</i> , 2018 , 8, 1472	2.6	24
355	Dramatically Enhanced Photoluminescence from Femtosecond Laser Induced Micro-/Nanostructures on MAPbBr ₃ Single Crystal Surface. <i>Advanced Optical Materials</i> , 2018 , 6, 1800411 ^{8.1}	8.1	8
354	Periodic nanoripples formation on the semiconductors possessing different bandgaps 2018 , 1-38		
353	Formation of nanoparticles, nanoholes, nanoripples, and nanowires using different conditions of laser-matter interaction 2018 , 39-78		
352	Two Methods of Amplification of Coherent Extreme Ultraviolet Radiation During Harmonic Generation in Plasmas. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018 , 124, 855-870	0.7	2
351	Demonstration of variation of the nonlinear optical absorption of non-spherical silver nanoparticles. <i>Optik</i> , 2018 , 175, 93-98	2.5	12
350	Photoinduced Degradation of the Optical Properties of Colloidal Ag ₂ S and CdS Quantum Dots Passivated by Thioglycolic Acid. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018 , 124, 681-686	0.7	9
349	Methods for Modifications of Harmonic Spectra from Laser-Produced Plasmas. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018 , 124, 521-535	0.7	1
348	Effective high-order harmonic generation from metal sulfide quantum dots. <i>Optics Express</i> , 2018 , 26, 35013-35025	3.3	22

347	Two methods of amplification of coherent extreme ultraviolet radiation during harmonic generation in plasmas= ^{SUP=-*=-/SUP=-} . <i>Technical Physics</i> , 2018 , 124, 825	0	
346	Methods for modifications of harmonic spectra from laser-produced plasmas= ^{SUP=-*=-/SUP=-} . <i>Technical Physics</i> , 2018 , 124, 504	0	
345	Strong Third-order Optical Nonlinearities of the Ag, Ni, Ti, and Co Nanoparticles Synthesized During Laser Ablation of Bulk Metals in Liquids. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2018 , 125, 982-996	0.7	4
344	Resonance Processes at Different Conditions of Harmonic Generation in Laser-Produced Plasmas 2018 , 241-279		
343	Comparison of Resonance Harmonics: Experiment and Theory 2018 , 47-137		
342	Resonance Enhancement of Harmonics in Metal-Ablated Plasmas: Early Studies 2018 , 139-211		
341	High-Order Harmonic Studies of the Role of Resonances on the Temporal and Efficiency Characteristics of Converted Coherent Pulses: Different Approaches 2018 , 1-15		
340	Different Theoretical Approaches in Plasma HHG Studies at Resonance Conditions 2018 , 17-45		
339	Ablated nickel nanoparticles: third harmonic generation and optical nonlinearities. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 125502	1.7	8
338	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> , 2018 , 124, 1	2.6	18
337	Laser ablation-induced synthesis and nonlinear optical characterization of titanium and cobalt nanoparticles. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	10
336	Frequency conversion in fullerenes 2018 , 213-265		
335	High-order harmonic generation in carbon-containing nanoparticles 2018 , 267-308		
334	Harmonic generation using metal and semiconductor nanoparticles 2018 , 309-349		
333	Peculiarities of high-order harmonic generation in nanoparticles 2018 , 351-400		
332	Comparison of the Resonance-, Nanoparticle-, and Quasi-Phase-Matching-Induced Processes Leading to the Growth of High-Order Harmonic Yield 2018 , 281-338		
331	Resonance Processes in Ablated Semiconductors 2018 , 213-240		
330	Methods of nanostructured materials characterization 2018 , 79-116		

329	Influence of a few-atomic silver molecules on the high-order harmonic generation in the laser-produced plasmas. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017 , 26, 1750010	0.8	3
328	Enhancement of high-order harmonics generated in laser-produced plasma using ionic resonances and nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 122, 250-268	0.7	7
327	Spectral modification of converting radiation and high-order harmonics through filamentation in argon and propagation in laser-produced plasmas. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	2
326	Controlling single harmonic enhancement in laser-produced plasmas. <i>Journal of Applied Physics</i> , 2017 , 121, 133108	2.5	5
325	Resonance processes during harmonic generation in plasmas using mid-infrared radiation. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 123, 117-138	0.7	1
324	Model of resonant high harmonic generation in multi-electron systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017 , 50, 185602	1.3	4
323	Nonlinear optical absorption in mixtures of dye molecules and ZnS nanoparticles. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017 , 26, 1750045	0.8	6
322	Involvement of small carbon clusters in the enhancement of high-order harmonic generation of ultrashort pulses in the plasmas produced during ablation of carbon-contained nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 123, 351-364	0.7	6
321	Controlling the macro- and micro-processes influencing harmonic generation in laser-produced plasmas. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 123, 760-777	0.7	
320	New trends in high-order harmonics generation using the mid-infrared pulses propagating through the laser-produced plasmas. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 122, 964-978	0.7	2
319	High-order nonlinear optical processes in ablated carbon-containing materials: Recent approaches in development of the nonlinear spectroscopy using harmonic generation in the extreme ultraviolet range. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017 , 123, 274-288	0.7	
318	Quasi-phase-matching of high-order harmonics in plasma plumes: theory and experiment. <i>Optics Express</i> , 2017 , 25, 21068-21083	3.3	17
317	Application of mid-infrared pulses for quasi-phase-matching of high-order harmonics in silver plasma. <i>Optics Express</i> , 2016 , 24, 3414-23	3.3	16
316	Indium plasma in single- and two-color mid-infrared fields: Enhancement of tunable harmonics. <i>Physical Review A</i> , 2016 , 93,	2.6	20
315	Nonlinear optical characterization of colloidal solutions containing dye and Ag2S quantum dot associates. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	13
314	Quasi-phase-matching of harmonic waves in plasmas: Calculations, new schemes, and applications. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 121, 614-634	0.7	2
313	Resonance enhancement of harmonics in metal plasmas using tunable mid-infrared pulses. <i>Laser Physics</i> , 2016 , 26, 075401	1.2	14
312	Introduction. Theory and Experiment of High-Order Harmonic Generation in Narrow and Extended Media. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 1-7	0.4	

311	HHG in Short-Length Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 9-50	0.4	
310	HHG in Extended Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 51-83	0.4	
309	Quasi-Phase-Matching of Harmonics in Laser-Produced Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 85-118	0.4	
308	Peculiarities of the HHG in the Extended Plasmas Produced on the Surfaces of Different Materials. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 119-159	0.4	
307	New Opportunities of Extended Plasma Induced Harmonic Generation. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 161-188	0.4	
306	Harmonic Characterization Using Different HHG Schemes in the Extended Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 189-208	0.4	
305	Summary: Achievements and Perspectives. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 209-217	0.4	
304	Resonance enhancement of harmonics in laser-produced Zn II and Zn III containing plasmas using tunable mid-infrared pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 055402 ¹⁻³	1.3	13
303	Frequency Conversion of Ultrashort Pulses in Extended Laser-Produced Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 ,	0.4	4
302	High-order harmonic generation in Ag, Sn, fullerene, and graphene nanoparticle-contained plasmas using two-color mid-infrared pulses. <i>European Physical Journal D</i> , 2016 , 70, 1	1.3	13
301	Ablation of boron carbide for high-order harmonic generation of ultrafast pulses in laser-produced plasma. <i>Optics Communications</i> , 2016 , 370, 6-12	2	3
300	High-order sum and difference frequency generation using tunable two- and three-color commensurate and incommensurate mid-infrared pumps of graphite plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016 , 33, E93	1.7	8
299	Two-color high-harmonic generation in plasmas: efficiency dependence on the generating particle properties. <i>Optics Express</i> , 2016 , 24, 13971-83	3.3	19
298	Harmonic generation in the extended plasmas produced on the non-metal targets. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 120, 575-586	0.7	1
297	Influence of micro- and macro-processes on the high-order harmonic generation in laser-produced plasma. <i>Journal of Applied Physics</i> , 2016 , 119, 113104	2.5	6
296	Application of organic compounds for high-order harmonic generation of ultrashort pulses. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 120, 306-310	0.7	3
295	Two-color pump of laser plasmas for harmonic generation. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2016 , 120, 766-772	0.7	1
294	Organic compound-contained plasmas as the media for frequency conversion of ultrashort pulses. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	1

293	On- and off-axis quasi-phase-matching of the harmonics generated in multi-jet laser-produced plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 095402	1.3	4
292	Use of extended laser plasma for generation of high-order harmonics of picosecond duration. <i>Quantum Electronics</i> , 2015 , 45, 648-653	1.8	
291	Modification of modulated plasma plumes for the quasi-phase-matching of high-order harmonics in different spectral ranges. <i>Physics of Plasmas</i> , 2015 , 22, 012302	2.1	2
290	Graphene in strong laser field: experiment and theory. <i>Laser Physics Letters</i> , 2015 , 12, 065401	1.5	10
289	Resonance-enhanced harmonic generation in nanoparticle-containing plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 165401	1.3	13
288	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> , 2015 , 120, 17-24	1.9	23
287	Advanced properties of extended laser-produced plasmas for efficient generation of the high-order harmonics of ultrashort laser pulses. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015 , 118, 639-654	0.7	4
286	Influence of ablated and tunneled electrons on quasi-phase-matched high-order-harmonic generation in laser-produced plasma. <i>Physical Review A</i> , 2015 , 91,	2.6	41
285	High-order harmonic generation during propagation of the double-pulse beam through the drilled thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 1231-1236	2.6	1
284	Why plasma harmonics?. <i>Quantum Electronics</i> , 2015 , 45, 785-796	1.8	3
283	Generation of broadband noise-like pulse from Yb-doped fiber laser ring cavity. <i>Optics Letters</i> , 2015 , 40, 804-7	3	46
282	Electron density measurements using high-order harmonic generation in laser-produced plasmas. <i>Applied Physics B: Lasers and Optics</i> , 2015 , 121, 307-313	1.9	9
281	Laser harmonic enhancement using the quasi-phase-matching in laser plasma. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015 , 118, 574-589	0.7	4
280	High-order harmonic characterization using different schemes of extended plasma formation. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015 , 119, 682-699	0.7	2
279	Double-pulse induced harmonic generation in laser-produced plasmas. <i>European Physical Journal D</i> , 2015 , 69, 1	1.3	1
278	High-order harmonic generation during propagation of femtosecond pulses through the laser-produced plasmas of semiconductors. <i>Journal of Applied Physics</i> , 2015 , 117, 023114	2.5	15
277	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> , 2014 , 31, 911	1.7	22
276	Laser - Surface Interactions 2014 ,		15

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