

Rashid Ganeev

List of Publications by Year in descending order

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447
papers

8,985
citations

36303

51
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82547

72
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472
all docs

472
docs citations

472
times ranked

3660
citing authors

#	ARTICLE	IF	CITATIONS
1	Third-order optical nonlinearities of exfoliated Bi ₂ Te ₃ nanoparticle films in UV, visible and near-infrared ranges measured by tunable femtosecond pulses. Optics Express, 2022, 30, 6970.	3.4	2
2	Third-order optical nonlinearities and high-order harmonics generation in Ni-doped CsPbBr ₃ nanocrystals using single- and two-color chirped pulses. Journal of Materials Science, 2022, 57, 3468-3485.	3.7	14
3	Investigation of Nonlinear Optical Processes in Mercury Sulfide Quantum Dots. Nanomaterials, 2022, 12, 1264.	4.1	3
4	Optical nonlinearities of mercury telluride quantum dots measured by nanosecond pulses. Photonics and Nanostructures - Fundamentals and Applications, 2022, , 101025.	2.0	1
5	High-order harmonics generation in the laser-induced lead-free perovskites-containing plasmas. Scientific Reports, 2022, 12, .	3.3	5
6	Laser-Induced Molecular Plasma: A Medium for High-Order Harmonics Generation of Ultrashort Pulses. International Journal of Molecular Sciences, 2022, 23, 7613.	4.1	3
7	Ultrafast fiber laser-induced fabrication of superhydrophobic and self-cleaning metal surfaces. Applied Surface Science, 2021, 542, 148560.	6.1	56
8	Nonlinear optical properties of Ag nanoparticles with and without silicon dioxide shell. Optical Materials, 2021, 111, 110583.	3.6	5
9	High-Order Harmonics Generation in Atomic and Molecular Zinc Plasmas. Photonics, 2021, 8, 29.	2.0	9
10	Investigation of Resonance-Enhanced High-Order Harmonics by Two-Component Laser-Produced Plasmas. Atoms, 2021, 9, 1.	1.6	8
11	Distinction in resonance properties of the atomic and molecular contained plasmas used for high-order harmonics generation of ultrafast laser pulses. Journal of Applied Physics, 2021, 129, 043103.	2.5	8
12	Carbon nanostructure containing plasma: Medium for efficient high-order harmonics of 1030 nm laser. Physics of Plasmas, 2021, 28, .	1.9	4
13	Probing Laser Plasma Dynamics Using High-Order Harmonics Generation in Carbon-Containing Nanomaterials. Applied Sciences (Switzerland), 2021, 11, 2143.	2.5	8
14	Creation of azimuthally and radially directed laser-induced periodic structures on large tantalum surface. Journal Physics D: Applied Physics, 2021, 54, 185109.	2.8	2
15	Reexamining Different Factors of the Resonance-Enhanced High-Order Harmonic Generation in Atomic and Nanoparticle Laser-Induced Tin Plasmas. Applied Sciences (Switzerland), 2021, 11, 2193.	2.5	6
16	Enhanced XUV harmonics generation from diatomic gases using two orthogonally polarized laser fields. Scientific Reports, 2021, 11, 5534.	3.3	12
17	Nonlinear Optical Characterization of InP@ZnS Core-Shell Colloidal Quantum Dots Using 532 nm, 10 ns Pulses. Nanomaterials, 2021, 11, 1366.	4.1	3
18	Resonance-affected high-order harmonic emission from atomic and molecular chromium laser-induced plasmas. OSA Continuum, 2021, 4, 1545.	1.8	7

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19	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.	3.4	4
20	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.	2.3	9
21	Influence of gas environment on the dynamics of wetting transition of laser-textured stainless steel meshes. <i>AIP Advances</i> , 2021, 11, 075221.	1.3	2
22	Exfoliated Bi ₂ Te ₃ nanoparticle suspensions and films: morphological and nonlinear optical characterization. <i>Nanophotonics</i> , 2021, 10, 3857-3870.	6.0	10
23	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.	3.4	4
24	Third-order nonlinear optical effects of silver nanoparticles and third harmonic generation from their plasma plumes. <i>Optik</i> , 2021, 245, 167680.	2.9	4
25	Nonlinear refraction and absorption of spectrally tuneable picosecond pulses in carbon disulfide. <i>Optical Materials</i> , 2021, 122, 111778.	3.6	2
26	Nonlinear Absorption and Refraction of Picosecond and Femtosecond Pulses in HgTe Quantum Dot Films. <i>Nanomaterials</i> , 2021, 11, 3351.	4.1	8
27	Nonlinear optical properties of hybrid associates of Ag ₂ S quantum dots with erythrosine molecules. <i>Optik</i> , 2020, 200, 163391.	2.9	11
28	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.	4.7	5
29	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.	2.8	3
30	Superhydrophobic and superhydrophilic properties of laser-ablated plane and curved surfaces. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	13
31	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	19
32	Application of 150 kHz Laser for High-Order Harmonic Generation in Different Plasmas. <i>Photonics</i> , 2020, 7, 66.	2.0	8
33	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.	1.5	12
34	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.	3.6	19
35	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.	2.5	6
36	Nonlinear Refraction in Colloidal Silver Sulfide Quantum Dots. <i>Journal of Russian Laser Research</i> , 2020, 41, 670-680.	0.6	11

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37	Critical points in photoluminescence spectra and their relation with phase transition in Nb-doped SrTiO ₃ . Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	4
38	Incoherent and coherent extreme ultraviolet emission from boron plasma. European Physical Journal D, 2020, 74, 1.	1.3	2
39	Influence of PVP polymer concentration on nonlinear absorption in silver nanoparticles at resonant excitation. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	3
40	High-harmonic generation in lanthanide-containing plasmas. AIP Advances, 2020, 10, 015231.	1.3	5
41	Third and fifth harmonics generation in air and nanoparticle-containing plasmas using 150-kHz fiber laser. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	3
42	The mechanism of laser-assisted generation of aluminum nanoparticles, their wettability and nonlinearity properties. Applied Surface Science, 2020, 527, 146702.	6.1	12
43	Orientation dependences of high-order harmonic generation in H ₂ and H ₂ + molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 155405.	1.5	4
44	High-order harmonics generation in the plasmas produced on different rotating targets during ablation using 1 kHz and 100 kHz lasers. Optics Express, 2020, 28, 18859.	3.4	8
45	High-Order Harmonic Generation in Au Nanoparticle-Contained Plasmas. Nanomaterials, 2020, 10, 234.	4.1	10
46	Nonlinear optical characterization of copper oxide nanoellipsoids. Scientific Reports, 2019, 9, 11414.	3.3	57
47	Resonance-enhanced harmonics in mixed laser-produced plasmas. Plasma Research Express, 2019, 1, 035002.	0.9	7
48	Influence of gadolinium doping on low- and high-order nonlinear optical properties and transient absorption dynamics of ZnO nanomaterials. Optical Materials, 2019, 95, 109241.	3.6	8
49	Aluminum nanoparticle plasma formation for high-order harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 245601.	1.5	0
50	Nonlinear optical properties of associates of erythrosine molecules and gold nanoparticles. Materials Research Express, 2019, 6, 1150c8.	1.6	5
51	Time-dependent optimization of laser-produced molecular plasmas through high-order harmonic generation. Physics of Plasmas, 2019, 26, 100703.	1.9	4
52	Study of various material particles by third harmonic generation method based on laser pulse induced plasma. Optical Materials, 2019, 98, 109423.	3.6	1
53	High-order harmonic generation using quasi-phase matching and two-color pump in the plasmas containing molecular and alloyed metal sulfide quantum dots. Journal of Applied Physics, 2019, 126, 193103.	2.5	19
54	Structural variations during aging of the particles synthesized by laser ablation of copper in water. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	9

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55	Low- and High-Order Nonlinear Optical Characterization of Metal Sulfide Quantum Dots. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 127, 293-313.	0.6	2
56	Characterization of the Optical Nonlinearities of Silver and Gold Nanoparticles. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 127, 487-507.	0.6	9
57	Interaction of Pulses of Different Duration with Chemically Prepared Silver Nanoparticles: Analysis of Optical Nonlinearities. Journal of Nanomaterials, 2019, 2019, 1-12.	2.7	4
58	Pulse Duration and Wavelength Effects of Laser Ablation on the Oxidation, Hydrolysis, and Aging of Aluminum Nanoparticles in Water. Nanomaterials, 2019, 9, 767.	4.1	21
59	Effect of Size on the Saturable Absorption and Reverse Saturable Absorption in Silver Nanoparticle and Ultrafast Dynamics at 400 nm. Journal of Nanomaterials, 2019, 2019, 1-12.	2.7	23
60	Comparative analyses of optical limiting effects in metal nanoparticles and perovskite nanocrystals. Optical Materials, 2019, 92, 366-372.	3.6	15
61	Effects of Laser Plasma Formation on Quasi-Phase Matching of High-Order Harmonics from Nanoparticles and Atoms. Nanomaterials, 2019, 9, 572.	4.1	7
62	Recent Advances in Femtosecond Laser-Induced Surface Structuring for Oil-Water Separation. Applied Sciences (Switzerland), 2019, 9, 1554.	2.5	41
63	Application of Quasi-Phase Matching Concept for Enhancement of High-Order Harmonics of Ultrashort Laser Pulses in Plasmas. Applied Sciences (Switzerland), 2019, 9, 1701.	2.5	15
64	High-order harmonics generation under quasi-phase matched conditions in silver, boron, and silver sulfide plasmas of different configurations. Journal of Applied Physics, 2019, 125, .	2.5	5
65	Low- and high-order nonlinear optical properties of Ag ₂ S quantum dot thin films. Nanophotonics, 2019, 8, 849-858.	6.0	11
66	Nonlinear Optical Studies of Gold Nanoparticle Films. Nanomaterials, 2019, 9, 291.	4.1	31
67	Role of Aging in the Formation of Non-spherical Nanostructures during Laser-Matter Interaction in Water. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 127, 1155-1160.	0.6	2
68	Low- and high-order nonlinear optical studies of ZnO nanocrystals, nanoparticles, and nanorods. European Physical Journal D, 2019, 73, 1.	1.3	14
69	Quasi-phase matching of harmonics generating in laser plasmas: experiment and theory. EPJ Web of Conferences, 2019, 220, 01013.	0.3	0
70	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. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 075601.	1.5	4
71	Effect of different hardness and melting point of the metallic surfaces on structural and optical properties of synthesized nanoparticles. Materials Research Express, 2019, 6, 045027.	1.6	2
72	Ag ₂ S quantum dots in the fields of picosecond and femtosecond UV and IR pulses: optical limiting, nonlinear absorption and refraction properties. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	21

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73	Size-dependent off-resonant nonlinear optical properties of gold nanoparticles and demonstration of efficient optical limiting. <i>Optical Materials Express</i> , 2019, 9, 976.	3.0	29
74	Role of carbon clusters in high-order harmonic generation in graphite plasmas. <i>OSA Continuum</i> , 2019, 2, 1510.	1.8	6
75	Comparison studies of high-order harmonic generation in argon gas and different laser-produced plasmas. <i>OSA Continuum</i> , 2019, 2, 2381.	1.8	11
76	Calculation of high-order harmonic generation in laser-produced lithium plasma. <i>Optics Letters</i> , 2019, 44, 3693.	3.3	2
77	Charge Transfer Effects on Resonance-Enhanced Raman Scattering for Molecules Adsorbed on Single-Crystalline Perovskite. <i>ACS Photonics</i> , 2018, 5, 1619-1627.	6.6	41
78	Nonlinear absorption of some thiazine, xanthene, and carbocyanine dyes. <i>Optik</i> , 2018, 157, 113-124.	2.9	4
79	Peculiarities of the nonlinear optical absorption of Methylene blue and Thionine in different solvents. <i>Dyes and Pigments</i> , 2018, 149, 236-241.	3.7	16
80	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 Tj ETQq0 0 0 rgB0.0 Overlook 10 Tf 50</i>		
81	Ablated nickel nanoparticles: third harmonic generation and optical nonlinearities. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 125502.	2.2	8
82	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.	2.3	23
83	Laser ablation-induced synthesis and nonlinear optical characterization of titanium and cobalt nanoparticles. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	13
84	Frequency conversion in fullerenes. , 2018, , 213-265.		0
85	High-order harmonic generation in carbon-containing nanoparticles. , 2018, , 267-308.		0
86	Harmonic generation using metal and semiconductor nanoparticles. , 2018, , 309-349.		0
87	Peculiarities of high-order harmonic generation in nanoparticles. , 2018, , 351-400.		0
88	Methods of nanostructured materials characterization. , 2018, , 79-116.		0
89	Low-order nonlinear optical properties of metal nanoparticles. , 2018, , 117-163.		0
90	Optical limiting, nonlinear refraction and nonlinear absorption of the associates of Cd _{0.05} Zn _{0.95} S quantum dots and dyes. <i>Optics Express</i> , 2018, 26, 13865.	3.4	25

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91	Strong nonlinear absorption in perovskite films. <i>Optical Materials Express</i> , 2018, 8, 1472.	3.0	39
92	Dramatically Enhanced Photoluminescence from Femtosecond Laser Induced Micro/Nanostructures on MAPbBr ₃ Single Crystal Surface. <i>Advanced Optical Materials</i> , 2018, 6, 1800411.	7.3	14
93	Periodic nanoripples formation on the semiconductors possessing different bandgaps. , 2018, , 1-38.		0
94	Formation of nanoparticles, nanoholes, nanoripples, and nanowires using different conditions of laser-matter interaction. , 2018, , 39-78.		0
95	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.	0.6	2
96	Demonstration of variation of the nonlinear optical absorption of non-spherical silver nanoparticles. <i>Optik</i> , 2018, 175, 93-98.	2.9	20
97	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, 521-535.	0.6	1
98	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.	0.6	1
99	Effective high-order harmonic generation from metal sulfide quantum dots. <i>Optics Express</i> , 2018, 26, 35013.	3.4	30
100	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.	1.8	3
101	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.	0.6	8
102	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.	2.3	3
103	Controlling single harmonic enhancement in laser-produced plasmas. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	6
104	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.	0.6	1
105	Model of resonant high harmonic generation in multi-electron systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 185602.	1.5	4
106	Nonlinear optical absorption in mixtures of dye molecules and ZnS nanoparticles. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017, 26, 1750045.	1.8	6
107	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.	0.6	6
108	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.	0.6	0

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109	New trends in high-order harmonics generation using the mid-infrared pulses propagating through the laser-produced plasmas. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 122, 964-978.	0.6	2
110	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. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 123, 274-288.	0.6	0
111	Quasi-phase-matching of high-order harmonics in plasma plumes: theory and experiment. Optics Express, 2017, 25, 21068.	3.4	20
112	High-order sum and difference frequency generation using tunable two- and three-color commensurate and incommensurate mid-infrared pumps of graphite plasma. Journal of the Optical Society of America B: Optical Physics, 2016, 33, E93.	2.1	14
113	Two-color high-harmonic generation in plasmas: efficiency dependence on the generating particle properties. Optics Express, 2016, 24, 13971.	3.4	26
114	Harmonic generation in the extended plasmas produced on the non-metal targets. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 120, 575-586.	0.6	1
115	Influence of micro- and macro-processes on the high-order harmonic generation in laser-produced plasma. Journal of Applied Physics, 2016, 119, .	2.5	10
116	Application of organic compounds for high-order harmonic generation of ultrashort pulses. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 120, 306-310.	0.6	3
117	Two-color pump of laser plasmas for harmonic generation. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	1
118	Organic compound-contained plasmas as the media for frequency conversion of ultrashort pulses. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	2
119	On- and off-axis quasi-phase-matching of the harmonics generated in multi-jet laser-produced plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 095402.	1.5	4
120	Application of mid-infrared pulses for quasi-phase-matching of high-order harmonics in silver plasma. Optics Express, 2016, 24, 3414.	3.4	17
121	Indium plasma in single- and two-color mid-infrared fields: Enhancement of tunable harmonics. Physical Review A, 2016, 93, .	2.5	23
122	Nonlinear optical characterization of colloidal solutions containing dye and Ag ₂ S quantum dot associates. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	14
123	Quasi-phase-matching of harmonic waves in plasmas: Calculations, new schemes, and applications. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 121, 614-634.	0.6	2
124	Resonance enhancement of harmonics in metal plasmas using tunable mid-infrared pulses. Laser Physics, 2016, 26, 075401.	1.2	17
125	Introduction. Theory and Experiment of High-Order Harmonic Generation in Narrow and Extended Media. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 1-7.	0.2	0
126	HHG in Short-Length Plasmas. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 9-50.	0.2	0

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127	HHG in Extended Plasmas. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 51-83.	0.2	0
128	Quasi-Phase-Matching of Harmonics in Laser-Produced Plasmas. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 85-118.	0.2	0
129	Peculiarities of the HHG in the Extended Plasmas Produced on the Surfaces of Different Materials. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 119-159.	0.2	0
130	New Opportunities of Extended Plasma Induced Harmonic Generation. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 161-188.	0.2	0
131	Harmonic Characterization Using Different HHG Schemes in the Extended Plasmas. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 189-208.	0.2	0
132	Summary: Achievements and Perspectives. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 209-217.	0.2	0
133	Resonance enhancement of harmonics in laser-produced Zn II and Zn III containing plasmas using tunable mid-infrared pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 055402.	1.5	14
134	Frequency Conversion of Ultrashort Pulses in Extended Laser-Produced Plasmas. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , .	0.2	5
135	High-order harmonic generation in Ag, Sn, fullerene, and graphene nanoparticle-contained plasmas using two-color mid-infrared pulses. European Physical Journal D, 2016, 70, 1.	1.3	13
136	Ablation of boron carbide for high-order harmonic generation of ultrafast pulses in laser-produced plasma. Optics Communications, 2016, 370, 6-12.	2.1	3
137	Laser harmonic enhancement using the quasi-phase-matching in laser plasma. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2015, 118, 574-589.	0.6	4
138	High-order harmonic characterization using different schemes of extended plasma formation. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2015, 119, 682-699.	0.6	2
139	Double-pulse induced harmonic generation in laser-produced plasmas. European Physical Journal D, 2015, 69, 1.	1.3	1
140	High-order harmonic generation during propagation of femtosecond pulses through the laser-produced plasmas of semiconductors. Journal of Applied Physics, 2015, 117, .	2.5	20
141	Use of extended laser plasma for generation of high-order harmonics of picosecond duration. Quantum Electronics, 2015, 45, 648-653.	1.0	0
142	Modification of modulated plasma plumes for the quasi-phase-matching of high-order harmonics in different spectral ranges. Physics of Plasmas, 2015, 22, 012302.	1.9	5
143	Graphene in strong laser field: experiment and theory. Laser Physics Letters, 2015, 12, 065401.	1.4	11
144	Resonance-enhanced harmonic generation in nanoparticle-containing plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 165401.	1.5	16

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145	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.	2.2	25
146	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 Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697</i>	1.0	10
147	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, .	2.5	47
148	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.	2.3	1
149	Why plasma harmonics?. <i>Quantum Electronics</i> , 2015, 45, 785-796.	1.0	4
150	Generation of broadband noise-like pulse from Yb-doped fiber laser ring cavity. <i>Optics Letters</i> , 2015, 40, 804.	3.3	52
151	Electron density measurements using high-order harmonic generation in laser-produced plasmas. <i>Applied Physics B: Lasers and Optics</i> , 2015, 121, 307-313.	2.2	9
152	Quasi-phase-matching of laser harmonics using variable multi-jet plasmas. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2014, 23, 1450013.	1.8	15
153	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> , 2014, 68, 1.	1.3	19
154	Advanced properties of extended plasmas for efficient high-order harmonic generation. <i>Physics of Plasmas</i> , 2014, 21, 053503.	1.9	26
155	Graphene-containing plasma: a medium for the coherent extreme ultraviolet light generation. <i>JETP Letters</i> , 2014, 100, 434-438.	1.4	7
156	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> , 2014, 116, .	2.5	27
157	Harmonic generation from partially ionized plasma [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 2221.	2.1	36
158	High-order harmonic generation from the ablation of crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 3105.	2.1	9
159	Resonance enhancement of the 11th harmonic of 1064-nm picosecond radiation generating in lead plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 436.	2.1	9
160	Application of carbon cluster-contained extended plasmas for the high-order harmonic generation of ultrashort pulses. <i>Journal of Applied Physics</i> , 2014, 115, 183101.	2.5	8
161	Spatial coherence measurements of non-resonant and resonant high harmonics generated in laser ablation plumes. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	22
162	Application of double femtosecond pulses for plasma harmonic generation. <i>Applied Physics Letters</i> , 2014, 105, 041111.	3.3	10

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163	Surface Engineering and Ablation. , 2014, , 145-180.		1
164	Quasi-phase-matching-induced enhancement of high-order harmonics during two-colour pump of multi-jet plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 105401.	1.5	26
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