

Rashid A Ganeev

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10806568/rashid-a-ganeev-publications-by-citations.pdf>

Version: 2024-04-23

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.

104
papers

1,295
citations

21
h-index

32
g-index

106
ext. papers

1,505
ext. citations

2.4
avg, IF

4.69
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 104 | Strong resonance enhancement of a single harmonic generated in the extreme ultraviolet range. <i>Optics Letters</i> , 2006 , 31, 1699-701 | 3 | 153 |
| 103 | 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> , 2007 , 32, 65-7 | 3 | 76 |
| 102 | Intense exact resonance enhancement of single-high-harmonic from an antimony ion by using Ti:Sapphire laser at 37 nm. <i>Optics Express</i> , 2007 , 15, 1161-6 | 3.3 | 64 |
| 101 | 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> , 2006 , 23, 2535 | 1.7 | 60 |
| 100 | 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> , 2012 , 37, 2064-6 | 3 | 55 |
| 99 | Generation of high-order harmonics of high-power lasers in plasmas produced under irradiation of solid target surfaces by a prepulse. <i>Physics-Uspexhi</i> , 2009 , 52, 55-77 | 2.8 | 51 |
| 98 | 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 |
| 97 | 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> , 2013 , 30, 7 | 1.7 | 40 |
| 96 | Nonlinear optical characterization of copper oxide nanoellipsoids. <i>Scientific Reports</i> , 2019 , 9, 11414 | 4.9 | 31 |
| 95 | Harmonic generation from partially ionized plasma [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014 , 31, 2221 | 1.7 | 31 |
| 94 | High-order harmonic cut-off frequency in atomic silver irradiated by femtosecond laser pulses: theory and experiment. <i>European Physical Journal D</i> , 2013 , 67, 1 | 1.3 | 30 |
| 93 | Seventy-first harmonic generation from doubly charged ions in preformed laser-ablation vanadium plume at 110 eV. <i>Optics Express</i> , 2007 , 15, 4112-7 | 3.3 | 29 |
| 92 | 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> , 2006 , 23, 1332 | 1.7 | 28 |
| 91 | Synthesis and photoluminescence properties of silver nanowires. <i>Current Applied Physics</i> , 2010 , 10, 853-857 | 2.6 | 26 |
| 90 | Strong nonlinear absorption in perovskite films. <i>Optical Materials Express</i> , 2018 , 8, 1472 | 2.6 | 24 |
| 89 | 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> , 2011 , 28, 1055 | 1.7 | 24 |
| 88 | 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 |

| | | | |
|----|---|-----|----|
| 87 | Comparison of high-order harmonic generation in uracil and thymine ablation plumes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12308-13 | 3.6 | 23 |
| 86 | Effective high-order harmonic generation from metal sulfide quantum dots. <i>Optics Express</i> , 2018 , 26, 35013-35025 | 3.3 | 22 |
| 85 | 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> , 2007 , 24, 1138 | 1.7 | 21 |
| 84 | 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> , 2007 , 24, 2686 | 1.7 | 21 |
| 83 | Nanosecond laser-induced periodic surface structures on wide band-gap semiconductors. <i>Applied Surface Science</i> , 2013 , 278, 325-329 | 6.7 | 20 |
| 82 | 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 |
| 81 | 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 |
| 80 | Nonlinear Optical Studies of Gold Nanoparticle Films. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 19 |
| 79 | Carbon aerogel plumes as an efficient medium for higher harmonic generation in the 4000 nm range. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011 , 28, 360 | 1.7 | 18 |
| 78 | 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> , 2007 , 24, 2770 | 1.7 | 18 |
| 77 | High-order harmonic generation from carbon plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005 , 22, 1927 | 1.7 | 18 |
| 76 | 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 |
| 75 | High-order harmonic generation of picosecond laser radiation in carbon-containing plasmas. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 3286 | 1.7 | 14 |
| 74 | Optimum plasma conditions for the efficient high-order harmonic generation in platinum plasma. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007 , 24, 1319 | 1.7 | 14 |
| 73 | Extension of cutoff in high harmonic by using doubly charged ions in a laser-ablation plume. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007 , 24, 2847 | 1.7 | 14 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |

| | | | |
|----|--|-----|----|
| 69 | 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 |
| 68 | 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 |
| 67 | Enhancement of the high-order harmonic generation from the gold plume using the time-resolved plasma spectroscopy. <i>Journal of Applied Physics</i> , 2007 , 102, 073105 | 2.5 | 10 |
| 66 | High-order harmonic generation from plasma plume pumped by 400nm wavelength laser. <i>Applied Physics Letters</i> , 2007 , 91, 131104 | 3.4 | 10 |
| 65 | 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 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | Comparative analyses of optical limiting effects in metal nanoparticles and perovskite nanocrystals. <i>Optical Materials</i> , 2019 , 92, 366-372 | 3.3 | 7 |
| 60 | 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 |
| 59 | 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 |
| 58 | Enhancement of two-color high harmonic by using two compound strong ionic transitions in double-target scheme. <i>Applied Physics Letters</i> , 2007 , 90, 261104 | 3.4 | 7 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | Role of carbon clusters in high-order harmonic generation in graphite plasmas. <i>OSA Continuum</i> , 2019 , 2, 1510 | 1.4 | 5 |
| 53 | High-Order Harmonic Generation in Au Nanoparticle-Contained Plasmas. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 5 |
| 52 | 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 |

| | | | |
|----|---|-----|---|
| 51 | Frequency Conversion of Ultrashort Pulses in Extended Laser-Produced Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , | 0.4 | 4 |
| 50 | Resonance-enhanced harmonics in mixed laser-produced plasmas. <i>Plasma Research Express</i> , 2019 , 1, 035002 | | 4 |
| 49 | Time-dependent optimization of laser-produced molecular plasmas through high-order harmonic generation. <i>Physics of Plasmas</i> , 2019 , 26, 100703 | 2.1 | 4 |
| 48 | 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 |
| 47 | Investigation of Resonance-Enhanced High-Order Harmonics by Two-Component Laser-Produced Plasmas. <i>Atoms</i> , 2021 , 9, 1 | 2.1 | 4 |
| 46 | Application of laser-produced extended plasma plumes for generation and characterization of the high-order harmonics of 64 fs pulses. <i>European Physical Journal D</i> , 2014 , 68, 1 | 1.3 | 3 |
| 45 | Characteristics of high-order harmonic spectrum by using laser-ablated two targets combination. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 4480-4483 | 2.3 | 3 |
| 44 | New Approaches in Frequency Conversion of Laser Radiation in Plasma Plumes. <i>Optics and Photonics Journal</i> , 2013 , 03, 259-277 | 0.3 | 3 |
| 43 | Application of 150 kHz Laser for High-Order Harmonic Generation in Different Plasmas. <i>Photonics</i> , 2020 , 7, 66 | 2.2 | 3 |
| 42 | High-Order Harmonics Generation in Atomic and Molecular Zinc Plasmas. <i>Photonics</i> , 2021 , 8, 29 | 2.2 | 3 |
| 41 | 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 |
| 40 | Probing Laser Plasma Dynamics Using High-Order Harmonics Generation in Carbon-Containing Nanomaterials. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2143 | 2.6 | 3 |
| 39 | Nonlinear Absorption and Refraction of Picosecond and Femtosecond Pulses in HgTe Quantum Dot Films. <i>Nanomaterials</i> , 2021 , 11, | 5.4 | 3 |
| 38 | 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 |
| 37 | High-order harmonic generation of picosecond radiation of moderate intensity in laser plasma. <i>Quantum Electronics</i> , 2012 , 42, 899-906 | 1.8 | 2 |
| 36 | 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 |
| 35 | 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 |
| 34 | Exfoliated Bi ₂ Te ₃ nanoparticle suspensions and films: morphological and nonlinear optical characterization. <i>Nanophotonics</i> , 2021 , | 6.3 | 2 |

| | | | |
|----|---|-----|---|
| 33 | 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 |
| 32 | Incoherent and coherent extreme ultraviolet emission from boron plasma. <i>European Physical Journal D</i> , 2020 , 74, 1 | 1.3 | 1 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | Surface Engineering and Ablation 2014 , 145-180 | | 0 |
| 26 | 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 |
| 25 | Resonance-affected high-order harmonic emission from atomic and molecular chromium laser-induced plasmas. <i>OSA Continuum</i> , 2021 , 4, 1545 | 1.4 | 0 |
| 24 | 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 |
| 23 | 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 | |
| 22 | HHG in Short-Length Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 9-50 | 0.4 | |
| 21 | HHG in Extended Plasmas. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 51-83 | 0.4 | |
| 20 | 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 | |
| 19 | New Opportunities of Extended Plasma Induced Harmonic Generation. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 161-188 | 0.4 | |
| 18 | Summary: Achievements and Perspectives. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 209-217 | 0.4 | |
| 17 | Periodic nanoripples formation on the semiconductors possessing different bandgaps 2018 , 1-38 | | |
| 16 | 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 | |

- 15 Low-Order Nonlinear Optical Characterization of Clusters. *Springer Series in Optical Sciences*, **2013**, 181-229
- 14 High-Order Harmonic Generation from Laser Ablation of Various Surfaces. *Springer Series in Optical Sciences*, **2013**, 43-88 0.5
- 13 Applications of Nanoparticle-Containing Plasmas for High-Order Harmonic Generation of Laser Radiation. *Springer Series in Optical Sciences*, **2013**, 231-244 0.5
- 12 Ablation of Clusters from Surfaces for Harmonic Generation of Laser Radiation **2014**, 181-221
- 11 Resonance Processes at Different Conditions of Harmonic Generation in Laser-Produced Plasmas **2018**, 241-279
- 10 Comparison of Resonance Harmonics: Experiment and Theory **2018**, 47-137
- 9 Resonance Enhancement of Harmonics in Metal-Ablated Plasmas: Early Studies **2018**, 139-211
- 8 High-Order Harmonic Studies of the Role of Resonances on the Temporal and Efficiency Characteristics of Converted Coherent Pulses: Different Approaches **2018**, 1-15
- 7 Different Theoretical Approaches in Plasma HHG Studies at Resonance Conditions **2018**, 17-45
- 6 Frequency conversion in fullerenes **2018**, 213-265
- 5 High-order harmonic generation in carbon-containing nanoparticles **2018**, 267-308
- 4 Peculiarities of high-order harmonic generation in nanoparticles **2018**, 351-400
- 3 Comparison of the Resonance-, Nanoparticle-, and Quasi-Phase-Matching-Induced Processes Leading to the Growth of High-Order Harmonic Yield **2018**, 281-338
- 2 Resonance Processes in Ablated Semiconductors **2018**, 213-240
- 1 Methods of nanostructured materials characterization **2018**, 79-116