

Elizaveta V Melik-Gaykazyan

List of Publications by Year in descending order

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29
papers

1,835
citations

840119

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1125271

13
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29
all docs

29
docs citations

29
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	Subwavelength dielectric resonators for nonlinear nanophotonics. <i>Science</i> , 2020, 367, 288-292.	6.0	575
2	Enhanced Third-Harmonic Generation in Silicon Nanoparticles Driven by Magnetic Response. <i>Nano Letters</i> , 2014, 14, 6488-6492.	4.5	522
3	Multifold Enhancement of Third-Harmonic Generation in Dielectric Nanoparticles Driven by Magnetic Fano Resonances. <i>Nano Letters</i> , 2016, 16, 4857-4861.	4.5	176
4	Third-Harmonic Generation in Photonic Topological Metasurfaces. <i>Physical Review Letters</i> , 2019, 123, 103901.	2.9	144
5	Nonlinear Interference and Tailorable Third-Harmonic Generation from Dielectric Oligomers. <i>ACS Photonics</i> , 2015, 2, 578-582.	3.2	124
6	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. <i>Nano Letters</i> , 2021, 21, 1765-1771.	4.5	96
7	Selective Third-Harmonic Generation by Structured Light in Mie-Resonant Nanoparticles. <i>ACS Photonics</i> , 2018, 5, 728-733.	3.2	87
8	Third-harmonic generation from Mie-type resonances of isolated all-dielectric nanoparticles. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160281.	1.6	34
9	Nonlinear Circular Dichroism in Mie-Resonant Nanoparticle Dimers. <i>Nano Letters</i> , 2021, 21, 4381-4387.	4.5	30
10	Quantum interference in the presence of a resonant medium. <i>Scientific Reports</i> , 2017, 7, 11444.	1.6	23
11	Enhanced Second-Harmonic Generation with Structured Light in AlGaAs Nanoparticles Governed by Magnetic Response. <i>JETP Letters</i> , 2019, 109, 131-135.	0.4	15
12	Mid-infrared cylindrical vector beams enabled by dielectric metasurfaces. <i>APL Materials</i> , 2021, 9, .	2.2	7
13	Silicon nanoparticles for nonlinear frequency conversion of mid-IR radiation. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012086.	0.3	1
14	Observation of Extraordinary SHG from All-Dielectric Nanoantennas Governed by Bound States in the Continuum. , 2019, , .		1
15	Third-harmonic spectroscopy of all-dielectric oligomers with both electric and magnetic resonances. , 2014, , .		0
16	Third-Harmonic Generation from Silicon Oligomers and Metasurfaces. , 2015, , .		0
17	Third harmonic generation in isolated all dielectric meta-atoms (Conference Presentation). , 2016, , .		0
18	Ultrafast quantum time-resolved spectroscopy. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Fano Resonances in Individual Dielectric Nanoantennas. , 2021, , .		0
20	Nonlinear Circular Dichroism in the Second-Harmonic Generation from AlGaAs Nanoparticle Dimers. , 2021, , .		0
21	Second-Harmonic-Generation Circular Dichroism in Dielectric Nanoantenna Dimers. , 2021, , .		0
22	Enhanced third-harmonic generation in silicon oligomers driven by magnetic Fano resonance. , 2016, , .		0
23	Structured Light for Selective Third-Harmonic Generation in Subwavelength Resonators. , 2018, , .		0
24	Structured Light for Second-Harmonic Spectroscopy in Mie-Resonant AlGaAs Nanoparticles. , 2019, , .		0
25	Nonlinear Imaging of Topological Edge States in Dielectric Metasurfaces. , 2019, , .		0
26	Second-harmonic spectroscopy with structured beams and the observation of quasi-BIC modes in all-dielectric nanoresonators. , 2019, , .		0
27	Observation of Quasi-BIC Modes and Fano Resonances in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
28	Observation of Supercavity Modes in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
29	Fano resonances in individual AlGaAs nanoparticles driven by quasi-BIC modes. , 2020, , .		0