

# 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

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29  
all docs

29  
docs citations

29  
times ranked

1758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fano Resonances in Individual Dielectric Nanoantennas. , 2021, , .		0
2	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. Nano Letters, 2021, 21, 1765-1771.	4.5	96
3	Nonlinear Circular Dichroism in Mie-Resonant Nanoparticle Dimers. Nano Letters, 2021, 21, 4381-4387.	4.5	30
4	Nonlinear Circular Dichroism in the Second-Harmonic Generation from AlGaAs Nanoparticle Dimers. , 2021, , .		0
5	Second-Harmonic-Generation Circular Dichroism in Dielectric Nanoantenna Dimers. , 2021, , .		0
6	Mid-infrared cylindrical vector beams enabled by dielectric metasurfaces. APL Materials, 2021, 9, .	2.2	7
7	Subwavelength dielectric resonators for nonlinear nanophotonics. Science, 2020, 367, 288-292.	6.0	575
8	Observation of Quasi-BIC Modes and Fano Resonances in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
9	Observation of Supercavity Modes in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
10	Fano resonances in individual AlGaAs nanoparticles driven by quasi-BIC modes. , 2020, , .		0
11	Third-Harmonic Generation in Photonic Topological Metasurfaces. Physical Review Letters, 2019, 123, 103901.	2.9	144
12	Enhanced Second-Harmonic Generation with Structured Light in AlGaAs Nanoparticles Governed by Magnetic Response. JETP Letters, 2019, 109, 131-135.	0.4	15
13	Structured Light for Second-Harmonic Spectroscopy in Mie-Resonant AlGaAs Nanoparticles. , 2019, , .		0
14	Observation of Extraordinary SHG from All-Dielectric Nanoantennas Governed by Bound States in the Continuum. , 2019, , .		1
15	Nonlinear Imaging of Topological Edge States in Dielectric Metasurfaces. , 2019, , .		0
16	Second-harmonic spectroscopy with structured beams and the observation of quasi-BIC modes in all-dielectric nanoresonators. , 2019, , .		0
17	Selective Third-Harmonic Generation by Structured Light in Mie-Resonant Nanoparticles. ACS Photonics, 2018, 5, 728-733.	3.2	87
18	Silicon nanoparticles for nonlinear frequency conversion of mid-IR radiation. Journal of Physics: Conference Series, 2018, 1092, 012086.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Structured Light for Selective Third-Harmonic Generation in Subwavelength Resonators. , 2018, , .		0
20	Third-harmonic generation from Mie-type resonances of isolated all-dielectric nanoparticles. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160281.	1.6	34
21	Quantum interference in the presence of a resonant medium. Scientific Reports, 2017, 7, 11444.	1.6	23
22	Ultrafast quantum time-resolved spectroscopy. , 2017, , .		0
23	Third harmonic generation in isolated all dielectric meta-atoms (Conference Presentation). , 2016, , .		0
24	Multifold Enhancement of Third-Harmonic Generation in Dielectric Nanoparticles Driven by Magnetic Fano Resonances. Nano Letters, 2016, 16, 4857-4861.	4.5	176
25	Enhanced third-harmonic generation in silicon oligomers driven by magnetic Fano resonance. , 2016, , .		0
26	Nonlinear Interference and Tailorable Third-Harmonic Generation from Dielectric Oligomers. ACS Photonics, 2015, 2, 578-582.	3.2	124
27	Third-Harmonic Generation from Silicon Oligomers and Metasurfaces. , 2015, , .		0
28	Third-harmonic spectroscopy of all-dielectric oligomers with both electric and magnetic resonances. , 2014, , .		0
29	Enhanced Third-Harmonic Generation in Silicon Nanoparticles Driven by Magnetic Response. Nano Letters, 2014, 14, 6488-6492.	4.5	522