

# Vladimir A Zenin

## List of Publications by Year in descending order

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32  
papers

794  
citations

516681

16  
h-index

580810

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely confined gap plasmon modes: when nonlocality matters. Nature Communications, 2022, 13, .	12.8	22
2	Nanoscale light field imaging with graphene. Communications Materials, 2022, 3, .	6.9	1
3	Ultimate Limit for Optical Losses in Gold, Revealed by Quantitative Near-Field Microscopy. Nano Letters, 2022, 22, 5759-5764.	9.1	11
4	Nanofocusing: reaching out. Nanophotonics, 2021, 10, 3613-3618.	6.0	3
5	Progressive Self-Boosting Anapole-Enhanced Deep-Ultraviolet Third Harmonic During Few-Cycle Laser Radiation. ACS Photonics, 2020, 7, 1655-1661.	6.6	10
6	Plasmonic monolithic lithium niobate directional coupler switches. Nature Communications, 2020, 11, 748.	12.8	54
7	Engineering Nanoparticles with Pure High-Order Multipole Scattering. ACS Photonics, 2020, 7, 1067-1075.	6.6	23
8	Lightweight metasurface mirror of silicon nanospheres [Invited]. Optical Materials Express, 2020, 10, 2706.	3.0	17
9	Ultrabright single-photon emission from germanium-vacancy zero-phonon lines: deterministic emitter-waveguide interfacing at plasmonic hot spots. Nanophotonics, 2020, 9, 953-962.	6.0	21
10	Anapole-Assisted Strong Field Enhancement in Individual All-Dielectric Nanostructures. ACS Photonics, 2018, 5, 1960-1966.	6.6	150
11	Arrays of Size-Selected Metal Nanoparticles Formed by Cluster Ion Beam Technique. MRS Advances, 2018, 3, 2771-2776.	0.9	7
12	Direct Characterization of Near-Field Coupling in Gap Plasmon-Based Metasurfaces. Nano Letters, 2018, 18, 6265-6270.	9.1	31
13	Suppression of near-field coupling in plasmonic antennas on epsilon-near-zero substrates. Optica, 2018, 5, 1557.	9.3	26
14	Near-field phase characterization of gradient gap plasmon-based metasurfaces. , 2018, , .		1
15	Beam-Size-Invariant Spectropolarimeters Using Gap-Plasmon Metasurfaces. ACS Photonics, 2017, 4, 943-949.	6.6	90
16	White Light Generation and Anisotropic Damage in Gold Films near Percolation Threshold. ACS Photonics, 2017, 4, 1207-1215.	6.6	28
17	Direct Amplitude-Phase Near-Field Observation of Higher-Order Anapole States. Nano Letters, 2017, 17, 7152-7159.	9.1	79
18	Hybrid plasmonic waveguides formed by metal coating of dielectric ridges. Optics Express, 2017, 25, 12295.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Plasmonic Antenna Resonance Pinning and Suppression of Near-Field Coupling from Epsilon-Near-Zero Substrate. , 2017, , .		2
20	Chip-size Plasmonic Spectropolarimeters. , 2017, , .		0
21	Novel Hard Mask Fabrication Method for Hybrid Plasmonic Waveguide and Metasurfaces. , 2017, , .		0
22	Near-field characterization of bound plasmonic modes in metal strip waveguides. Optics Express, 2016, 24, 4582.	3.4	15
23	Design, fabrication and SNOM investigation of plasmonic devices. , 2016, , .		0
24	Boosting Local Field Enhancement by on-Chip Nanofocusing and Impedance-Matched Plasmonic Antennas. Nano Letters, 2015, 15, 8148-8154.	9.1	65
25	Efficient interfacing photonic and long-range dielectric-loaded plasmonic waveguides. Optics Express, 2015, 23, 9100.	3.4	10
26	Optical nano-antennae as compact and efficient couplers from free-space to waveguide modes. , 2015, , .		0
27	Plasmonic Antennas Nanocoupler for Telecom Range: Simulation, Fabrication and Near-Field Characterization. , 2014, , .		0
28	Nanofocusing in circular sector-like nanoantennas. Optics Express, 2014, 22, 10341.	3.4	9
29	Direct Characterization of Plasmonic Slot Waveguides and Nanocouplers. Nano Letters, 2014, 14, 3925-3929.	9.1	46
30	Directional coupling in long-range dielectric-loaded plasmonic waveguides. Optics Express, 2013, 21, 8799.	3.4	8
31	Directional coupling in channel plasmon-polariton waveguides. Optics Express, 2012, 20, 6124.	3.4	21
32	Dispersion of strongly confined channel plasmon polariton modes. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1596.	2.1	19