

Anna V Vozianova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bilayer terahertz chiral metasurfaces with different dihedral symmetries. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 428.	2.1	9
2	Carbon Nanotubes-Based Magneto-Optically Tunable Structure for Terahertz Wave Polarization Control. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2020, 128, 1262-1271.	0.6	4
3	Optically tunable terahertz chiral metasurface based on multi-layered graphene. Scientific Reports, 2020, 10, 3157.	3.3	52
4	Modified theory of terahertz time domain magneto-optical ellipsometry of magnetic media. , 2020, , .		1
5	Extraction the diagonal and off-diagonal components of permittivity tensor using terahertz time-domain polarimetry. , 2020, , .		1
6	Multilayer graphene: ion gel amplitude modulator for terahertz frequency range. , 2020, , .		1
7	Phantom tissues from membrane biopolymer composite materials for terahertz applications. , 2020, , .		0
8	Terahertz optical properties of polymer composite based on electrospun PVC nanofibers. , 2020, , .		0
9	Circular dichroism of metasurfaces based on resonators with different n-fold rotational symmetry. , 2020, , .		0
10	Narrowband terahertz graphene metasurface synthesis based on equivalent circuit approach. , 2020, , .		0
11	Study of thin bismuth-based films using terahertz time-domain polarimetry. , 2020, , .		0
12	Terahertz Time-Domain Polarimetry of Carbon Nanomaterials. , 2019, , .		0
13	Polarization properties of few-layer graphene on silicon substrate in terahertz frequency range. SN Applied Sciences, 2019, 1, 1.	2.9	12
14	Optical Activity of Graphene-Based Chiral Metasurface in THz Frequency Range. , 2019, , .		0
15	Emission illusion at an angle. Journal of Nanophotonics, 2019, 13, 1.	1.0	2
16	Resonant Dielectric Structure as a Lens for Super-Resolution Imaging. , 2018, , .		0
17	Radiation illusion at the arbitrary location. Journal of Physics: Conference Series, 2018, 1062, 012003.	0.4	0
18	Graphene-based tunability of chiral metasurface in terahertz frequency range. Journal of Physics: Conference Series, 2018, 1124, 051053.	0.4	7

#	ARTICLE	IF	CITATIONS
19	The Rosette Petal Width Influence on Ellipticity Angle of Chiral Metasurface for Sub-Terahertz Frequency Range. , 2018, , .		0
20	Investigation of terajets produced by dielectric parallelepiped structure. AIP Conference Proceedings, 2018, , .	0.4	0
21	Epsilon-Near-Zero metal-dielectric composite for terahertz frequency range. Journal of Physics: Conference Series, 2018, 1062, 012010.	0.4	7
22	Calculation of chiral metasurface characteristics in terahertz frequency range. Journal of Physics: Conference Series, 2018, 1062, 012012.	0.4	3
23	Influence of the geometric parameters of the electrical ring resonator metasurface on the performance of metamaterial absorbers for terahertz applications. Chinese Optics, 2018, 11, 47-59.	0.6	13
24	Epsilon-near-zero copper-dielectric composite for terahertz frequency range. , 2018, , .		0
25	Investigation of artificial dielectric periodical structures for formation of terajets. , 2017, , .		0
26	Antenna radiation imitation out its real location using hyperbolic metamaterial lens via transformation optics. , 2017, , .		1
27	Impact of chiral unit element curvature on chiral metasurface optical properties in terahertz frequency range. , 2017, , .		1
28	Polarizing properties of chiral metasurface based on gammadion crosses with different geometry in THz frequency range. , 2017, , .		2
29	Chiral characteristics of metasurface based on gammadion cross in THz frequency range. Nanosystems: Physics, Chemistry, Mathematics, 2017, , 339-341.	0.4	0
30	The numerical simulation and investigation of plasmonic properties of clusters consisted of two nanoparticles. Journal of Physics: Conference Series, 2016, 735, 012090.	0.4	0
31	Illusion optics: The optical transformation of an object location. , 2016, , .		1
32	Formation of terahertz beams produced by artificial dielectric periodical structures. , 2016, , .		8
33	Simulation of polarizer based on chiral medium for terahertz frequency range. Journal of Physics: Conference Series, 2016, 735, 012089.	0.4	6
34	Numerical simulation of carpet cloaking device in terahertz frequency range. Journal of Physics: Conference Series, 2015, 643, 012052.	0.4	3
35	Carpet cloaking devices in THz frequency range with two types of low boundary. , 2015, , .		0
36	Cloak based on the angle dependent constitutive parameters tensors. Optics Express, 2015, 23, 25738.	3.4	8

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37	Surface plasmon polariton at interface of left-handed metamaterial with cylindrical anisotropy and dielectric medium. , 2015, , .		0
38	Simulation of beam-splitter made of metamaterials with angle spatial distribution of constitutive parameters based on transformation optics for THz frequency range. Journal of Physics: Conference Series, 2014, 541, 012067.	0.4	16
39	Tunable frequency converter for terahertz frequency range based on space-time transformation. Proceedings of SPIE, 2014, , .	0.8	2
40	Nonlocal effective medium model for multilayered metal-dielectric metamaterials. Physical Review B, 2011, 84, .	3.2	115
41	SURFACE QUASI PLASMON POLARITONS ON PLANE BOUNDARY OF IONIZED PLASMA. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2010, 69, 1851-1857.	0.4	0
42	Resolvent operator of maxwell equations for 6-dimentional field vector. , 2007, , .		0
43	Focusing of Pulses by Plane Boundary of Nonstationary Medium. , 2006, , .		1