Tatjana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6152175/publications.pdf

Version: 2024-02-01

23	245	1163117 8	996975 15
papers	citations	h-index	g-index

24	24	24	187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beam steering with the enhanced semiconductor-based hyperprism. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
2	Surface plasmons in metamaterial heterostructures. Waves in Random and Complex Media, 2021, 31, 1246-1257.	2.7	3
3	Looking Into Surface Plasmon Polaritons Guided by the Acoustic Metamaterials. Plasmonics, 2021, 16, 1835-1839.	3.4	2
4	Non local effects in cone-shaped metamaterials. Optical and Quantum Electronics, 2021, 53, 1.	3.3	1
5	The Discrete Analysis of the Tissue Biopsy Images With Metamaterial Formalization: Identifying Tumor Locus. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	1
6	Surface plasmon polariton waves propagation at the boundary of graphene based metamaterial and corrugated metal in THz range. Optical and Quantum Electronics, 2020, 52, 1.	3.3	22
7	A systematic insight into the surface plasmon polaritons guided by the graphene based heterostructures. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
8	Metamaterial formalism approach for advancing the recognition of glioma areas in brain tissue biopsies. Optical Materials Express, 2020, 10, 1607.	3.0	9
9	Three-layered nanostructured metamaterials for surface plasmon polariton guiding. Journal of Mathematical Chemistry, 2019, 57, 190-201.	1.5	1
10	Surface plasmons at the interface of metamaterial and topological insulator. Optical and Quantum Electronics, 2019, 51, 1.	3.3	3
11	Tunable terahertz structure based on graphene hyperbolic metamaterials. Optical and Quantum Electronics, 2019, 51, 1.	3.3	20
12	Enhancing the properties of plasmonic nanowires. Materials Research Express, 2019, 6, 065014.	1.6	3
13	Investigation of the interface of metamaterial and topological insulator. AIP Conference Proceedings, 2019, , .	0.4	0
14	Manipulating surface plasmon polaritons with nanostructured TCO metamaterials. Journal of Electromagnetic Waves and Applications, 2019, 33, 493-503.	1.6	0
15	Surface waves supported by the nanostructured semiconductor metamaterials. Journal of Electromagnetic Waves and Applications, 2018, 32, 591-600.	1.6	1
16	Surface plasmon polaritons in nanostructured metamaterials. AIP Conference Proceedings, 2018, , .	0.4	0
17	Tunable Plasmonic Properties and Absorption Enhancement in Terahertz Photoconductive Antenna Based on Optimized Plasmonic Nanostructures. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1028-1038.	2.2	26
18	Controlling hybrid-polarization surface plasmon polaritons in dielectric-transparent conducting oxides metamaterials via their effective properties. Journal of Applied Physics, 2017, 122, .	2.5	19

#	ARTICLE	IF	CITATIONS
19	Surface plasmon polaritons at the interface of two nanowire metamaterials. Journal of Optics (United Kingdom), 2017, 19, 085101.	2.2	20
20	Tunable surface waves at the interface separating different graphene-dielectric composite hyperbolic metamaterials. Optics Express, 2017, 25, 11466.	3.4	66
21	SURFACE-PLASMON-POLARITONS AT THE INTERFACE OF NANOSTRUCTURED METAMATERIALS. Progress in Electromagnetics Research M, 2016, 46, 165-172.	0.9	27
22	Analysis of spoof surface plasmons in spoof-insulator-spoof waveguides. Journal of Electromagnetic Waves and Applications, 2016, 30, 1974-1979.	1.6	1
23	Analytic solution to field distribution in one-dimensional inhomogeneous media. Optics Communications, 2014, 322, 183-187.	2.1	17