Tatjana

List of Publications by Year
in descending order

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

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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	Tunable surface waves at the interface separating different graphene-dielectric composite hyperbolic metamaterials. Optics Express, 2017, 25, 11466.	3.4	66
2	SURFACE-PLASMON-POLARITONS AT THE INTERFACE OF NANOSTRUCTURED METAMATERIALS. Progress in Electromagnetics Research M, 2016, 46, 165-172.	0.9	27
3	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
4	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
5	Surface plasmon polaritons at the interface of two nanowire metamaterials. Journal of Optics (United Kingdom), 2017, 19, 085101.	2.2	20
6	Tunable terahertz structure based on graphene hyperbolic metamaterials. Optical and Quantum Electronics, 2019, 51, 1.	3.3	20
7	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
8	Analytic solution to field distribution in one-dimensional inhomogeneous media. Optics Communications, 2014, 322, 183-187.	2.1	17
9	Metamaterial formalism approach for advancing the recognition of glioma areas in brain tissue biopsies. Optical Materials Express, 2020, 10, 1607.	3.0	9
10	Surface plasmons at the interface of metamaterial and topological insulator. Optical and Quantum Electronics, 2019, 51, 1.	3.3	3
11	Surface plasmons in metamaterial heterostructures. Waves in Random and Complex Media, 2021, 31, 1246-1257.	2.7	3
12	Enhancing the properties of plasmonic nanowires. Materials Research Express, 2019, 6, 065014.	1.6	3
13	Looking Into Surface Plasmon Polaritons Guided by the Acoustic Metamaterials. Plasmonics, 2021, 16, 1835-1839.	3.4	2
14	Analysis of spoof surface plasmons in spoof-insulator-spoof waveguides. Journal of Electromagnetic Waves and Applications, 2016, 30, 1974-1979.	1.6	1
15	Surface waves supported by the nanostructured semiconductor metamaterials. Journal of Electromagnetic Waves and Applications, 2018, 32, 591-600.	1.6	1
16	Three-layered nanostructured metamaterials for surface plasmon polariton guiding. Journal of Mathematical Chemistry, 2019, 57, 190-201.	1.5	1
17	A systematic insight into the surface plasmon polaritons guided by the graphene based heterostructures. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
18	Non local effects in cone-shaped metamaterials. Optical and Quantum Electronics, 2021, 53, 1.	3.3	1

#	ARTICLE	IF	CITATIONS
19	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
20	Surface plasmon polaritons in nanostructured metamaterials. AIP Conference Proceedings, 2018, , .	0.4	0
21	Investigation of the interface of metamaterial and topological insulator. AIP Conference Proceedings, 2019, , .	0.4	0
22	Manipulating surface plasmon polaritons with nanostructured TCO metamaterials. Journal of Electromagnetic Waves and Applications, 2019, 33, 493-503.	1.6	0
23	Beam steering with the enhanced semiconductor-based hyperprism. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0