

Chandra S R Kaipa

List of Publications by Year in descending order

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19
papers

583
citations

840776

11
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced transmission with a graphene-dielectric microstructure at low-terahertz frequencies. Physical Review B, 2012, 85, .	3.2	126
2	Dual capacitive-inductive nature of periodic graphene patches: Transmission characteristics at low-terahertz frequencies. Physical Review B, 2013, 87, .	3.2	111
3	Circuit modeling of the transmissivity of stacked two-dimensional metallic meshes. Optics Express, 2010, 18, 13309.	3.4	63
4	Generalized additional boundary conditions for wire media. New Journal of Physics, 2010, 12, 113047.	2.9	57
5	Circuit modeling of multiband high-impedance surface absorbers in the microwave regime. Physical Review B, 2011, 84, .	3.2	53
6	New Absorbing Boundary Conditions and Analytical Model for Multilayered Mushroom-Type Metamaterials: Applications to Wideband Absorbers. IEEE Transactions on Antennas and Propagation, 2012, 60, 5727-5742.	5.1	52
7	Transmission through stacked 2D periodic distributions of square conducting patches. Journal of Applied Physics, 2012, 112, 033101.	2.5	25
8	Mushroom-Type High-Impedance Surface With Loaded Vias: Homogenization Model and Ultra-Thin Design. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1503-1506.	4.0	23
9	Characterization of negative refraction with multilayered mushroom-type metamaterials at microwaves. Journal of Applied Physics, 2011, 109, 044901-044901-10.	2.5	22
10	Indefinite dielectric response and all-angle negative refraction in a structure with deeply-subwavelength inclusions. Physical Review B, 2011, 84, .	3.2	22
11	Near-field imaging with a loaded wire medium. Physical Review B, 2012, 86, .	3.2	17
12	Mushroom-type structures with the wires connected through diodes: Theory and applications. Journal of Applied Physics, 2016, 120, 015303.	2.5	5
13	Partial focusing by a bulk metamaterial formed by a periodically loaded wire medium with impedance insertions. Journal of Applied Physics, 2012, 112, .	2.5	3
14	Dual capacitive-inductive nature of graphene metasurface: Transmission characteristics at low-terahertz frequencies. , 2013, , .		3
15	An Equivalent ABCD-Matrix Formalism for Non-Local Wire Media With Arbitrary Terminations. IEEE Transactions on Antennas and Propagation, 2020, 68, 1786-1798.	5.1	1
16	Multi-band high-impedance surface absorbers with a single resistive sheet: Circuit theory model. , 2011, , .		0
17	Low-terahertz transmissivity with a graphene-dielectric micro-structure. , 2012, , .		0
18	Generalized additional boundary conditions and analytical model for multilayered mushroom-type wideband absorbers. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Mushroom-type structures with the wires connected through diodes: electronically tunable properties. , 2014, , .		0