

Olivier VanbÃ©sien

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

241
citations

1039406

9
h-index

1058022

14
g-index

28
all docs

28
docs citations

28
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced backscattering for infrared detection using photonic crystal based flat lens. Applied Optics, 2012, 51, 5601.	0.9	0
2	Interface engineering for improved light transmittance through photonic crystal flat lenses. , 2011, , .		0
3	Defect assisted subwavelength resolution in III-V semiconductor photonic crystal flat lenses with $n \approx 1$. Optics Communications, 2010, 283, 1169-1173.	1.0	13
4	Interface engineering for improved light transmittance through photonic crystal flat lenses. Applied Physics Letters, 2010, 97, 071119.	1.5	14
5	Image reconstruction using a photonic crystal based flat lens operating at $155 \mu\text{m}$. Applied Optics, 2010, 49, 5806.	2.1	7
6	Optimized focusing properties of photonic crystal slabs. Optics Communications, 2008, 281, 3571-3577.	1.0	11
7	Negative-Zero-Positive Refractive Index in a Prism-Like Omega-Type Metamaterial. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2566-2573.	2.9	26
8	Photonic-crystal-based cloaking device at optical wavelengths. Applied Optics, 2008, 47, 1358.	2.1	22
9	Omega-Type Balanced Composite Negative Refractive Index Materials. IEEE Transactions on Antennas and Propagation, 2008, 56, 3462-3469.	3.1	10
10	Bloch impedance in negative index photonic crystals. Physical Review B, 2008, 77, .	1.1	40
11	Optical Near-Field Microscopy of Light Focusing through a Photonic Crystal Flat Lens. Physical Review Letters, 2008, 101, 073901.	2.9	64
12	Optimization of a negative index photonic crystal slab at optical wavelength. Proceedings of SPIE, 2008, , .	0.8	0
13	Left-handed propagation media via photonic crystal and metamaterials. Comptes Rendus Physique, 2005, 6, 683-692.	0.3	2
14	Left-handed electromagnetism obtained via nanostructured metamaterials: comparison with that from microstructured photonic crystals. Journal of Optics, 2005, 7, S3-S11.	1.5	17
15	Resonant tunnelling in photonic microcavities: design of highly directive radiating systems. Superlattices and Microstructures, 2001, 30, 181-188.	1.4	4
16	Wave shaping through finite electromagnetic bandgap structure. Superlattices and Microstructures, 2001, 30, 321-327.	1.4	1
17	$\text{Al}_{0.3}\text{Ga}_{0.7}\text{As}$ -GaAs microwave resonant tunneling oscillator. Annales Des Telecommunications/Annals of Telecommunications, 1990, 45, 184-191.	1.6	2
18	Antennas. , 0, , 279-300.		0