

Olivier Vanbsien

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

196
citations

8
h-index

14
g-index

28
ext. papers

228
ext. citations

2.7
avg, IF

2.03
L-index

#	Paper	IF	Citations
25	Optical near-field microscopy of light focusing through a photonic crystal flat lens. <i>Physical Review Letters</i> , 2008 , 101, 073901	7.4	52
24	Bloch impedance in negative index photonic crystals. <i>Physical Review B</i> , 2008 , 77,	3.3	35
23	Negative-Zero-Positive Refractive Index in a Prism-Like Omega-Type Metamaterial. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 2566-2573	4.1	22
22	Photonic-crystal-based cloaking device at optical wavelengths. <i>Applied Optics</i> , 2008 , 47, 1358-62	1.7	16
21	Left-handed electromagnetism obtained via nanostructured metamaterials: comparison with that from microstructured photonic crystals. <i>Journal of Optics</i> , 2005 , 7, S3-S11		15
20	Interface engineering for improved light transmittance through photonic crystal flat lenses. <i>Applied Physics Letters</i> , 2010 , 97, 071119	3.4	12
19	Defect assisted subwavelength resolution in III-V semiconductor photonic crystal flat lenses with $n = 1$. <i>Optics Communications</i> , 2010 , 283, 1169-1173	2	11
18	Optimized focusing properties of photonic crystal slabs. <i>Optics Communications</i> , 2008 , 281, 3571-3577	2	8
17	Image reconstruction using a photonic crystal based flat lens operating at 1.55 μm . <i>Applied Optics</i> , 2010 , 49, 5806-13	0.2	7
16	Omega-Type Balanced Composite Negative Refractive Index Materials. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3462-3469	4.9	7
15	Resonant tunnelling in photonic microcavities: design of highly directive radiating systems. <i>Superlattices and Microstructures</i> , 2001 , 30, 181-188	2.8	4
14	2012 ,		3
13	2014 ,		1
12	Left-handed propagation media via photonic crystal and metamaterials. <i>Comptes Rendus Physique</i> , 2005 , 6, 683-692	1.4	1
11	Wave shaping through finite electromagnetic bandgap structure. <i>Superlattices and Microstructures</i> , 2001 , 30, 321-327	2.8	1
10	Al _{0.3} Ga _{0.7} As-GaAs microwave resonant tunneling oscillator. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 1990 , 45, 184-191	2	1
9	Enhanced backscattering for infrared detection using photonic crystal based flat lens. <i>Applied Optics</i> , 2012 , 51, 5601-8	1.7	

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