Olivier Vanbsien

List of Publications by Citations

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. *Physical Review Letters*, **2008**, 101, 073901	7.4	52
24	Bloch impedance in negative index photonic crystals. *Physical Review B*, **2008**, 77,	3.3	35
23	Negative-Zero-Positive Refractive Index in a Prism-Like Omega-Type Metamaterial. *IEEE Transactions on Microwave Theory and Techniques*, **2008**, 56, 2566-2573	4.1	22
22	Photonic-crystal-based cloaking device at optical wavelengths. *Applied Optics*, **2008**, 47, 1358-62	1.7	16
21	Left-handed electromagnetism obtained via nanostructured metamaterials: comparison with that from microstructured photonic crystals. *Journal of Optics*, **2005**, 7, S3-S11		15
20	Interface engineering for improved light transmittance through photonic crystal flat lenses. *Applied Physics Letters*, **2010**, 97, 071119	3.4	12
19	Defect assisted subwavelength resolution in III□ semiconductor photonic crystal flat lenses with n = □. *Optics Communications*, **2010**, 283, 1169-1173	2	11
18	Optimized focusing properties of photonic crystal slabs. *Optics Communications*, **2008**, 281, 3571-3577	2	8
17	Image reconstruction using a photonic crystal based flat lens operating at 1.55 □m. *Applied Optics*, **2010**, 49, 5806-13	0.2	7
16	Omega-Type Balanced Composite Negative Refractive Index Materials. *IEEE Transactions on Antennas and Propagation*, **2008**, 56, 3462-3469	4.9	7
15	Resonant tunnelling in photonic microcavities: design of highly directive radiating systems. *Superlattices and Microstructures*, **2001**, 30, 181-188	2.8	4
14	**2012**,		3
13	**2014**,		1
12	Left-handed propagation media via photonic crystal and metamaterials. *Comptes Rendus Physique*, **2005**, 6, 683-692	1.4	1
11	Wave shaping through finite electromagnetic bandgap structure. *Superlattices and Microstructures*, **2001**, 30, 321-327	2.8	1
10	Al0.3Ga0.7As-GaAs microwave resonant tunneling oscillator. *Annales Des Telecommunications/Annals of Telecommunications*, **1990**, 45, 184-191	2	1
9	Enhanced backscattering for infrared detection using photonic crystal based flat lens. *Applied Optics*, **2012**, 51, 5601-8	1.7	

List of Publications