

# Infrared Perfect Absorber and Its Application As Plasmon

Nano Letters

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Citation Report

#	ARTICLE	IF	CITATIONS
7	L'action de l'armée de l'air en 1939-1940: facteurs structurels et conjoncturels d'une défaite. <i>Guerres Mondiales Et Conflicts Contemporains</i> , 2001, n° 202-203, 7-31.	0.0	3
8	Plasmonics: An Emerging Field Fostered by <i>Nano Letters</i> . <i>Nano Letters</i> , 2010, 10, 3816-3822.	4.5	272
9	Selective thermal emission from patterned steel. <i>Optics Express</i> , 2010, 18, 25192.	1.7	29
10	Hydrogen sensor based on metallic photonic crystal slabs. <i>Optics Letters</i> , 2010, 35, 3150.	1.7	49
11	Cavity-enhanced localized plasmon resonance sensing. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	242
12	Dual-band perfect absorption and field enhancement by interaction between localized and propagating surface plasmons in optical metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 075005.	1.0	90
13	Excitation of dark plasmonic cavity modes via nonlinearly induced dipoles: applications to near-infrared plasmonic sensing. <i>Nanotechnology</i> , 2011, 22, 235502.	1.3	17
14	$\sim 3/1000$ Plasmonic Nanocavities for Biosensing Fabricated by Soft UV Nanoimprint Lithography. <i>Nano Letters</i> , 2011, 11, 3557-3563.	4.5	210
15	High Sensitivity Localized Surface Plasmon Resonance Sensing Using a Double Split NanoRing Cavity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24469-24477.	1.5	80
16	Shape-dependent absorption characteristics of three-layered metamaterial absorbers at near-infrared. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	71
17	Linear and nonlinear Fano resonance on two-dimensional magnetic metamaterials. <i>Physical Review B</i> , 2011, 84, .	1.1	38
18	Total routing and absorption of photons in dual color plasmonic antennas. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	85
19	Large-area wide-angle spectrally selective plasmonic absorber. <i>Physical Review B</i> , 2011, 84, .	1.1	283
20	A thin film broadband absorber based on multi-sized nanoantennas. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	250
21	Nearly total absorption of light and heat generation by plasmonic metamaterials. <i>Physical Review B</i> , 2011, 83, .	1.1	440
22	Experimental demonstration of a conformal optical metamaterial absorber. , 2011, , .		2
23	Conformal Dual-Band Near-Perfectly Absorbing Mid-Infrared Metamaterial Coating. <i>ACS Nano</i> , 2011, 5, 4641-4647.	7.3	306
24	Plasmonic Oligomers: The Role of Individual Particles in Collective Behavior. <i>ACS Nano</i> , 2011, 5, 2042-2050.	7.3	255

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25	Palladium-Based Plasmonic Perfect Absorber in the Visible Wavelength Range and Its Application to Hydrogen Sensing. Nano Letters, 2011, 11, 4366-4369.	4.5	385
26	Dynamic switching of the chiral beam on the spiral plasmonic bull's eye structure [Invited]. Applied Optics, 2011, 50, G104.	2.1	11
27	Polarization-independent wide-angle triple-band metamaterial absorber. Optics Express, 2011, 19, 9401.	1.7	643
28	Multiple responses of TPP-assisted near-perfect absorption in metal/Fibonacci quasiperiodic photonic crystal. Optics Express, 2011, 19, 9759.	1.7	51
29	Highly flexible all-optical metamaterial absorption switching assisted by Kerr-nonlinear effect. Optics Express, 2011, 19, 10193.	1.7	79
30	Mode-specific directional emission from hybridized particle-on-a-film plasmons. Optics Express, 2011, 19, 12856.	1.7	14
31	Optically thin composite resonant absorber at the near-infrared band: a polarization independent and spectrally broadband configuration. Optics Express, 2011, 19, 14260.	1.7	117
32	Photothermal reshaping of gold nanoparticles in a plasmonic absorber. Optics Express, 2011, 19, 14726.	1.7	108
33	Polarization-independent dual-band infrared perfect absorber based on a metal-dielectric-metal elliptical nanodisk array. Optics Express, 2011, 19, 15221.	1.7	268
34	Design principles for infrared wide-angle perfect absorber based on plasmonic structure. Optics Express, 2011, 19, 17413.	1.7	216
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36	Extraordinary light transmission through opaque thin metal film with subwavelength holes blocked by metal disks. Optics Express, 2011, 19, 21098.	1.7	59
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39	Continuous metal plasmonic frequency selective surfaces. Optics Express, 2011, 19, 23279.	1.7	54
40	Polarization-induced tunability of localized surface plasmon resonances in arrays of sub-wavelength cruciform apertures. Optics Express, 2011, 19, 25035.	1.7	13
41	Dielectric supported ring-shaped metal disks on a metal film for ultrasensitive refractive index sensing. Optics Letters, 2011, 36, 3326.	1.7	13
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47	Low density carbon nanotube forest as an index-matched and near perfect absorption coating. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	92
48	Laser Fabrication of Large-Scale Nanoparticle Arrays for Sensing Applications. <i>ACS Nano</i> , 2011, 5, 4843-4849.	7.3	224
49	Improvement of Figure of Merit for Gold Nanobar Array Plasmonic Sensors. <i>Plasmonics</i> , 2011, 6, 665-671.	1.8	58
50	Optical Transmission Through Multilayered Ultra-Thin Metal Gratings. <i>Plasmonics</i> , 2011, 6, 745-751.	1.8	6
51	An Omnidirectional Transparent Conducting-â€“Metal-â€“Based Plasmonic Nanocomposite. <i>Advanced Materials</i> , 2011, 23, 1993-1997.	11.1	44
52	Photoresponsive Transparent Conductive Metal with a Photobleaching Nose. <i>Advanced Materials</i> , 2011, 23, 4243-4247.	11.1	17
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64	Wideband perfect light absorber at midwave infrared using multiplexed metal structures. Optics Letters, 2012, 37, 371.	1.7	219
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66	Highly flexible near-infrared metamaterials. Optics Express, 2012, 20, 397.	1.7	22
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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