

# John Kohoutek

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

232  
citations

1040056

9  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-dielectric-metal resonators with deep subwavelength dielectric layers increase the near-field SEIRA enhancement. Optics Express, 2015, 23, 25912.	3.4	25
2	Optomechanical nanoantenna. Optics Letters, 2012, 37, 3258.	3.3	19
3	Optomechanical beam steering by surface plasmon nanoantenna. Proceedings of SPIE, 2012, , .	0.8	0
4	Antenna integrated quantum cascade laser switchable via telecommunications wavelength probe beam. Proceedings of SPIE, 2012, , .	0.8	0
5	Nano-opto-mechanically modulated plasmonic nanoantenna-integrated quantum cascade laser. , 2012, , .		0
6	Mechanical Frequency and Amplitude Modulation of a Quantum Cascade Laser Integrated with a Plasmonic Nanoantenna. Small, 2012, 8, 3781-3785.	10.0	6
7	Detectivity of plasmonic enhanced photodetectors based on nondegenerate two-photon absorption process. , 2012, , .		0
8	Integrated All-Optical Infrared Switchable Plasmonic Quantum Cascade Laser. Nano Letters, 2012, 12, 2537-2541.	9.1	21
9	Plasmonic antenna integrated Quantum Cascade Laser for mode confinement used for high sensitivity bio-sensing applications. , 2011, , .		0
10	Optical force mapping of plasmonic modes generated by a nanoantenna. , 2011, , .		0
11	Opto-Mechanical Force Mapping of Deep Subwavelength Plasmonic Modes. Nano Letters, 2011, 11, 3378-3382.	9.1	50
12	Towards an Integrated Chip-Scale Plasmonic Biosensor. Optics and Photonics News, 2011, 22, 32.	0.5	8
13	Opto-mechanical force measurement of deep sub-wavelength plasmonic modes. , 2011, , .		0
14	A Short-Wave Infrared Nanoinjection Imager With 2500 A/W Responsivity and Low Excess Noise. IEEE Photonics Journal, 2010, 2, 858-864.	2.0	15
15	Dynamic measurement and modeling of the Casimir force at the nanometer scale. Applied Physics Letters, 2010, 96, .	3.3	6
16	Signal-to-noise performance of a short-wave infrared nanoinjection imager. Optics Letters, 2010, 35, 2699.	3.3	15
17	Quantum-cascade laser integrated with a metalâ€“dielectricâ€“metal-based plasmonic antenna. Optics Letters, 2010, 35, 2783.	3.3	30
18	Composite Nano-Antenna Integrated With Quantum Cascade Laser. IEEE Photonics Technology Letters, 2010, 22, 1580-1582.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Integration of plasmonic antenna on quantum cascade laser facets for chip-scale molecular sensing. , 2010, , .		2
20	Resonant tunneling injection detectors and imagers. , 2009, , .		1
21	An opto-electro-mechanical infrared photon detector with high internal gain at room temperature. Optics Express, 2009, 17, 14458.	3.4	12