

Haroldo Maestre Vicente

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Intra-cavity upconversion to 631 nm of images illuminated by an eye-safe ASE source at 1550 nm, Optics Letters, 2015, 40, 5315.	1.7	33
2	IR-to-visible image upconverter under nonlinear crystal thermal gradient operation. Optics Express, 2018, 26, 1133.	1.7	27
3	Dual-Wavelength $\text{Cr}^{3+}:\text{LiCaAlF}_6$ Solid-State Laser With Tunable THz Frequency Difference. IEEE Journal of Quantum Electronics, 2010, 46, 1681-1685.	1.0	22
4	Radio-frequency low-coherence interferometry. Optics Letters, 2014, 39, 3634.	1.7	22
5	IR Image upconversion using band-limited ASE illumination fiber sources. Optics Express, 2016, 24, 8581.	1.7	22
6	Experimental demonstration of efficient pulsed terahertz emission from a stacked GaAs/AlGaAs p-i-n-i heterostructure. Applied Physics Letters, 2011, 98, .	1.5	16
7	Return-to-Zero Pulse Generators Using Overdriven Amplitude Modulators at One Fourth of the Data Rate. IEEE Photonics Technology Letters, 2007, 19, 1837-1839.	1.3	12
8	Broadband Linearization of Dispersive Delay Line Using a Chirped Fiber Bragg Grating. IEEE Photonics Technology Letters, 2015, 27, 1044-1047.	1.3	12
9	IR Image Upconversion Under Dual-Wavelength Laser Illumination. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	12
10	Dual-wavelength green laser with a 45 THz frequency difference based on self-frequency- doubling in Nd^{3+} -doped aperiodically poled lithium niobate. Optics Letters, 2008, 33, 1008.	1.7	11
11	Incoherent Optical Frequency-Domain Reflectometry Based on Homodyne Electro-Optic Downconversion for Fiber-Optic Sensor Interrogation. Sensors, 2019, 19, 2075.	2.1	9
12	Intracavity $\text{Cr}^{3+}:\text{LiCAF}$ + PPSLT optical parametric oscillator with self-injection-locked pump wave. Laser Physics Letters, 2013, 10, 035806.	0.6	8
13	Fast Incoherent OFDR Interrogation of FBG Arrays Using Sparse Radio Frequency Responses. Journal of Lightwave Technology, 2018, 36, 4393-4400.	2.7	8
14	Compact self-illuminated image upconversion system based on intracavity second-harmonic generation. Optics Letters, 2018, 43, 5050.	1.7	7
15	Measurement of the temporal coherence in broadband sources using the radio-frequency transfer function of a dispersive system. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1242.	0.9	6
16	Remote picometer fiber Bragg grating demodulation using a dual-wavelength source. Applied Optics, 2016, 55, 6523.	2.1	6
17	Tunability of the multiple-bandpass response of cascaded single-source and continuous-sample microwave photonic filters. Optics Communications, 2010, 283, 1320-1325.	1.0	3
18	Interferometric displacement sensor by use of a single-passband incoherent microwave photonics filter. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Tunable blue-violet Cr ³⁺ :LiCAF + BiBO compact laser. Laser Physics, 2015, 25, 035401.	0.6	3
20	Hilbert and Blaschke phases in the temporal coherence function of stationary broadband light. Optics Express, 2008, 16, 18397.	1.7	2
21	Up-Conversion Sensing of 2D Spatially-Modulated Infrared Information-Carrying Beams with Si-Based Cameras. Sensors, 2020, 20, 3610.	2.1	2
22	Dual-wavelength operation of diode-pumped Cr ³⁺ :LiCaAlF ₆ lasers for tunable THz generation. , 2010, , .		1
23	Towards a versatile active wavelength converter for all-optical networks based on quasi-phase matched intra-cavity difference-frequency generation. Optics Express, 2013, 21, 27933.	1.7	1
24	Wavelength Conversion of Incoherent Broadband Sources by Intracavity Difference Frequency Mixing. IEEE Photonics Technology Letters, 2014, 26, 694-697.	1.3	1
25	Incoherent Optical Frequency Domain Reflectometry Using Balanced Frequency-Shifted Interferometry in a Downconverted Phase-Modulated Link. , 2018, , .		1
26	Intracavity image upconversion system with fast and flexible electro-optic image gating based on polarization-frustrated phase-matching for range-gated applications. Optics Express, 2020, 28, 1936.	1.7	1
27	Phase sensitive low-coherence interferometry using microwave photonics. Optics Express, 2020, 28, 30432.	1.7	1
28	Surface-Impedance Formulation for Hollow-Core Waveguides Based on Subwavelength Gratings. IEEE Access, 2022, 10, 18843-18854.	2.6	1
29	Emission wavelength selection and tuning in the F^2 and F^4 frequency domains of a Cr ³⁺ :LiCAF laser. Optics and Laser Technology, 2022, 151, 108033.	2.2	1
30	Complete determination of the first-order degree of coherence of amplified spontaneous emission sources with femtosecond resolution. , 2008, , .		0
31	Electro-optic reconfiguration of quasi-phase matching in a Dammann domain grating for WDM applications. , 2008, , .		0
32	Optically pumped InGaAs/InGaAsP asymmetric quantum well structure for terahertz difference frequency generation using two C-band signals. , 2009, , .		0
33	Electro-optic beam shaping with a PPLN-bulk LiNbO ₃ boundary and its use for active Q-Switched operation of an intracavity frequency-doubled Nd ³⁺ :YVO ₄ laser. , 2009, , .		0
34	Electro-optic control of a PPLN-unpoled LiNbO ₃ boundary for low-voltage Q switching of an intracavity frequency-doubled Nd ³⁺ :YVO ₄ laser. Optics Letters, 2009, 34, 2288.	1.7	0
35	Widely Tuneable Dual-Wavelength Operation of a Highly-Doped Erbium Fiber Laser Based on Diffraction Gratings. IEEE Journal of Quantum Electronics, 2011, , .	1.0	0
36	Rapidly tunable intra-cavity Cr ³⁺ :LiCAF-PPSLT optical parametric oscillator based on a self-injection-locked pump wave. , 2011, , .		0

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37	Wavelength conversion of a broadband ASE source based on intra-cavity difference-frequency-mixing in a Cr ³⁺ :LiCAF-PPSLT laser. , 2011, , .		0
38	Triple-wavelength Cr ³⁺ :LiCAF solid-state laser for simultaneous generation of two independently tunable THz waves. , 2011, , .		0
39	Tunable intracavity blue/violet light generation in a Cr:LiCAF+BiBO solid-state external-cavity laser. , 2013, , .		0
40	Tunable multi-wavelength active conversion of 1550 nm signals in a Cr ³⁺ :LiCAF & PPSLT laser. , 2013, , .		0
41	Field-of-View Enhancement in Infrared-to-Visible Up-Conversion of Images Illuminated by an ASE Source. , 2015, , .		0
42	Miniaturized intra-cavity image up-conversion system based in a 1342 nm YVO4:Nd ³⁺ laser using Type II phase matching in a bulk KTP crystal combined with a polarizing beam splitter. , 2017, , .		0
43	Angular acceptance of compact-size infrared-to-visible image upconverters with a temperature gradient. , 2017, , .		0
44	Fourier plane analysis of up-converted images in the visible region under different bandwidth IR illumination sources. , 2017, , .		0
45	Up-conversion of eye-safe beams carrying 2D-spatially-modulated information for detection with Si-FPA cameras in FSO applications. , 2019, , .		0
46	Electro-Optic Control of Intra-Cavity Image Up-Conversion for Fast Range-Gated Systems. , 2019, , .		0
47	Passively Q-Switched Nd ³⁺ :YVO4 Laser System for Self-Illuminated and Self-Synchronized Up-Conversion of Images. , 2019, , .		0
48	Electrooptic control of quasiphase matched second harmonic generation with periodic electrode. , 2008, , .		0
49	Optical frequency generation based on active nonlinear conversion processes in Cr ³⁺ :LiCAF â€“ PPSLT lasers. Optica Pura Y Aplicada, 2012, 45, 97-104.	0.0	0
50	Improvement in active wavelength conversion to the visible of images illuminated in the SWIR by an ASE source. Optica Pura Y Aplicada, 2015, 48, 317-323.	0.0	0
51	Intra-cavity Self-illuminated Image Up-conversion System based on SHG in a Compact Laser. , 2018, , .		0