

Vincent Michau

List of Publications by Year in descending order

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18
papers

682
citations

933447

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888059

17
g-index

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all docs

18
docs citations

18
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Misalignment estimation for active telescopes. CEAS Space Journal, 2019, 11, 553-559.	2.3	0
2	Investigation on adaptive optics performance from propagation channel characterization with the small optical transponder. Optical Engineering, 2016, 55, 111611.	1.0	22
3	Sensing more modes with fewer sub-apertures: the LIFTed Shack-Hartmann wavefront sensor. Optics Letters, 2014, 39, 2835.	3.3	8
4	Laser beam complex amplitude measurement by phase diversity. Optics Express, 2014, 22, 4575.	3.4	19
5	Experimental demonstration of the full-wave iterative compensation in free space optical communications. Optics Letters, 2013, 38, 2367.	3.3	7
6	Mid-infrared Shack-Hartmann wavefront sensor fully cryogenic using extended source for endoatmospheric applications. Optics Express, 2012, 20, 15636.	3.4	13
7	Differential focal anisoplanatism in laser guide star wavefront sensing on extremely large telescopes. Optics Letters, 2011, 36, 4071.	3.3	5
8	Study of optimal wavefront sensing with elongated laser guide stars. Monthly Notices of the Royal Astronomical Society, 2008, 387, 173-187.	4.4	43
9	C_n^2 profile measurement from Shack-Hartmann data. Optics Letters, 2007, 32, 2659.	3.3	28
10	Sky coverage estimation for multiconjugate adaptive optics systems: strategies and results. Monthly Notices of the Royal Astronomical Society, 2006, 370, 174-184.	4.4	28
11	Comparison of centroid computation algorithms in a Shack-Hartmann sensor. Monthly Notices of the Royal Astronomical Society, 2006, 371, 323-336.	4.4	200
12	Improvement of Shack-Hartmann wave-front sensor measurement for extreme adaptive optics. Optics Letters, 2004, 29, 2743.	3.3	85
13	Myopic deconvolution from wave-front sensing. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 862.	1.5	39
14	Optimal wave-front reconstruction strategies for multiconjugate adaptive optics. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 2527.	1.5	123
15	Photon return analysis of a polychromatic laser guide star. Optics Communications, 2000, 178, 405-409.	2.1	10
16	Efficient phase estimation for large-field-of-view adaptive optics. Optics Letters, 1999, 24, 1472.	3.3	44
17	Tunable and high-energy Q-switched operation of an alexandrite slave ring laser. Applied Physics B: Lasers and Optics, 1986, 39, 219-222.	2.2	4
18	Pulse compression by Raman induced cavity dumping of a homogeneously pumped oscillator and amplifier. Optics Communications, 1985, 54, 301-304.	2.1	4