

Christian Veillet

List of Publications by Year in descending order

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68
papers

2,206
citations

279798

23
h-index

223800

46
g-index

69
all docs

69
docs citations

69
times ranked

2216
citing authors

#	ARTICLE	IF	CITATIONS
1	Lunar Laser Ranging: A Continuing Legacy of the Apollo Program. <i>Science</i> , 1994, 265, 482-490.	12.6	655
2	Earth's Trojan asteroid. <i>Nature</i> , 2011, 475, 481-483.	27.8	151
3	Large changes in Pluto's atmosphere as revealed by recent stellar occultations. <i>Nature</i> , 2003, 424, 168-170.	27.8	120
4	The Color Distribution in the Edgeworth-Kuiper Belt. <i>Astronomical Journal</i> , 2002, 124, 2279-2296.	4.7	99
5	The binary Kuiper-belt object 1998 WW31. <i>Nature</i> , 2002, 416, 711-713.	27.8	82
6	THE CANADA-FRANCE ECLIPTIC PLANE SURVEY'S L3 DATA RELEASE: THE ORBITAL STRUCTURE OF THE KUIPER BELT. <i>Astronomical Journal</i> , 2009, 137, 4917-4935.	4.7	78
7	Transient co-orbital asteroids. <i>Icarus</i> , 2004, 171, 102-109.	2.5	71
8	Multicolor Photometry of Trans-neptunian Objects. <i>Icarus</i> , 2001, 154, 277-286.	2.5	66
9	The Meudon Multicolor Survey (2MS) of Centaurs and trans-neptunian objects: extended dataset and status on the correlations reported. <i>Icarus</i> , 2005, 174, 90-104.	2.5	59
10	Discovery of an asteroid and quasi-satellite in an Earth-like horseshoe orbit. <i>Meteoritics and Planetary Science</i> , 2002, 37, 1435-1441.	1.6	58
11	A NEW LOOK AT THE OLD STAR CLUSTER NGC 6791. <i>Astrophysical Journal Letters</i> , 2011, 733, L1.	8.3	55
12	Millimetric Lunar Laser Ranging at OCA (Observatoire de la Côte d'Azur). <i>Astronomy and Astrophysics</i> , 1998, 130, 235-244.	2.1	53
13	HUNTING FOR PLANETS IN THE HL TAU DISK. <i>Astrophysical Journal Letters</i> , 2015, 812, L38.	8.3	52
14	T2L2 - Time transfer by Laser link: a new optical time transfer generation. <i>Experimental Astronomy</i> , 1997, 7, 191-207.	3.7	48
15	A retrograde co-orbital asteroid of Jupiter. <i>Nature</i> , 2017, 543, 687-689.	27.8	46
16	The CFEPS Kuiper Belt Survey: Strategy and presurvey results. <i>Icarus</i> , 2006, 185, 508-522.	2.5	44
17	Discovery of Earth's quasi-satellite. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1251-1255.	1.6	37
18	The Meudon Multicolor Survey (2MS) of Centaurs and Trans-Neptunian Objects: From Visible to Infrared Colors. <i>Astronomical Journal</i> , 2007, 134, 2186-2199.	4.7	29

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19	Operation and data analysis in the LASSO experiment. <i>Metrologia</i> , 1995, 32, 27-33.	1.2	28
20	WIYN OPEN CLUSTER STUDY. LV. ASTROMETRY AND MEMBERSHIP IN NGC 6819. <i>Astronomical Journal</i> , 2013, 146, 43.	4.7	28
21	Multi-phase volcanic resurfacing at Loki Patera on Io. <i>Nature</i> , 2017, 545, 199-202.	27.8	26
22	Comparison of GPS Common-view and Two-way Satellite Time Transfer Over a Baseline of 800 km. <i>Metrologia</i> , 1993, 30, 183-192.	1.2	25
23	Carbon Chain Depletion of 2/Borisov. <i>Astrophysical Journal Letters</i> , 2020, 889, L38.	8.3	24
24	Searches after Gravitational Waves Using ARizona Observatories (SAGUARO): Observations and Analysis from Advanced LIGO/Virgo's Third Observing Run. <i>Astrophysical Journal</i> , 2021, 912, 128.	4.5	24
25	IRREGULAR SATELLITES OF THE OUTER PLANETS: ORBITAL UNCERTAINTIES AND ASTROMETRIC RECOVERIES IN 2009-2011. <i>Astronomical Journal</i> , 2012, 144, 132.	4.7	22
26	Evidence for a Color Dependence in the Size Distribution of Main-Belt Asteroids. <i>Astronomical Journal</i> , 2007, 133, 1609-1614.	4.7	21
27	SPATIALLY RESOLVED M-BAND EMISSION FROM IO'S LOKI PATERA'S FIZEAU IMAGING AT THE 22.8 m LBT. <i>Astronomical Journal</i> , 2015, 149, 175.	4.7	20
28	Astrodynamical Space Test of Relativity using Optical Devices. <i>Advances in Space Research</i> , 2003, 32, 1437-1441.	2.6	19
29	Constraining the rate of GRB visible afterglows with the CFHTLS very wide survey. <i>Astronomy and Astrophysics</i> , 2007, 464, L29-L32.	5.1	15
30	Implementation of a laser traffic control system supporting laser guide star adaptive optics on Mauna Kea. , 2003, , .		13
31	Radar detection of Asteroid 2002 AA29. <i>Icarus</i> , 2003, 166, 271-275.	2.5	11
32	Experiments on fundamental physics on the space station. <i>Classical and Quantum Gravity</i> , 1997, 14, 2971-2989.	4.0	10
33	Co-phasing the Large Binocular Telescope: status and performance of LBT/PHASECam. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
34	Coordination and use of laser beacons for adaptive optics on Mauna Kea. , 1998, , .		9
35	Fizeau interferometric imaging of Io volcanism with LBT/LMIRcam. <i>Proceedings of SPIE</i> , 2014, , .	0.8	9
36	Lunar-like silicate material forms the Earth quasi-satellite (469219) 2016 HO3 Kamo'oailewa. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	9

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37	Spatial variations of the sodium/potassium ratio in Mercury's exosphere uncovered by high-resolution spectroscopy. <i>Icarus</i> , 2010, 207, 1-8.	2.5	7
38	Current status of the facility instrumentation suite at the Large Binocular Telescope Observatory. <i>Proceedings of SPIE</i> , 2016, , .	0.8	7
39	The $\hat{\pm}$ -element abundances in the most oxygen-poor planetary nebula PNG 135.9+55.9. <i>Astronomy and Astrophysics</i> , 2002, 395, 929-941.	5.1	7
40	A Space Debris Primer for Astronomers. <i>Space Debris</i> , 2000, 2, 295-317.	0.7	6
41	DISCOVERY OF TWO ADDITIONAL JOVIAN IRREGULARS. <i>Astronomical Journal</i> , 2012, 144, 21.	4.7	6
42	GRACES, the Gemini remote access CFHT ESPaDOnS spectrograph: initial design and testing. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
43	The Large Binocular Telescope: binocular all the time. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
44	The CFHTLS real time analysis system: "œoptically selected GRB afterglows" Astronomy and Astrophysics, 2006, 459, 465-475.	5.1	5
45	Current status of the facility instruments at the Large Binocular telescope Observatory. , 2018, , .		5
46	Resolving Io's Volcanoes from a Mutual Event Observation at the Large Binocular Telescope. <i>Planetary Science Journal</i> , 2021, 2, 227.	3.6	5
47	LBTO's long march to full operation - step 1. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
48	LBTO's long march to full operation: step 2. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
49	<title>Operating the APD SP114 at the LLR station in Grasse</title>. , 1994, , .		2
50	VASAO: visible all sky adaptive optics: a new adaptive optics concept for CFHT. , 2008, , .		2
51	An overview and the current status of instrumentation at the Large Binocular Telescope Observatory. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
52	Adaptive optics capabilities at the Large Binocular Telescope Observatory. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
53	The Most Oxygen-Poor Planetary Nebula. <i>Symposium - International Astronomical Union</i> , 2003, 209, 595-596.	0.1	1
54	Large Changes in Pluto's Atmosphere Revealed by Stellar Occultations. <i>Highlights of Astronomy</i> , 2005, 13, 908-909.	0.0	1

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55	VASAO: visible all sky adaptive optics. , 2006, 6272, 835.		1
56	A genetic algorithm for ground-based telescope observation scheduling. Proceedings of SPIE, 2012, , .	0.8	1
57	Feasibility studies to upgrade the Canada-France-Hawaii Telescope site for the next generation Canada-France-Hawaii Telescope. Proceedings of SPIE, 2012, , .	0.8	1
58	<title>WISP: the CFHT wide-field imaging symbiotic program</title>. , 1998, 3349, 203.		0
59	Operating observatories, the need for a new paradigm. , 2014, , .		0
60	Large Binocular Telescope Observatory (LBTO) software and IT group operations status update and near-term development roadmap. , 2014, , .		0
61	Maintaining a suite of binocular facility instruments at the Large Binocular Telescope. Proceedings of SPIE, 2014, , .	0.8	0
62	Queue software reuse and implementation at the Large Binocular Telescope Observatory. , 2016, , .		0
63	Moving toward queue operations at the Large Binocular Telescope Observatory. Proceedings of SPIE, 2016, , .	0.8	0
64	AO4ELT meets the Solar System: The coming interplay between adaptive optics on ELT, space telescopes, and spacecraft missions.. , 2017, , .		0
65	Simultaneous ground- and space-based observations in the JWST era. , 2018, , .		0
66	Adaptive optics systems at the Large Binocular Telescope: status, upgrades, and improvements. , 2018, , .		0
67	Reshaping the user experience at the Large Binocular Telescope Observatory (LBTO). , 2018, , .		0
68	SELECTING, SCHEDULING AND CARRYING OUT OBSERVING PROGRAMMES AT CFHT. , 2007, , 227-239.		0