

Veronique Buat

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

5,605
citations

186265

28
h-index

233421

45
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45
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45
docs citations

45
times ranked

3401
citing authors

#	ARTICLE	IF	CITATIONS
1	The bright extragalactic ALMA redshift survey (BEARS) I: redshifts of bright gravitationally lensed galaxies from the <i>Herschel</i> ATLAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3017-3033.	4.4	14
2	Fitting AGN/Galaxy X-Ray-to-radio SEDs with CIGALE and Improvement of the Code. <i>Astrophysical Journal</i> , 2022, 927, 192.	4.5	62
3	Star formation of X-ray AGN in COSMOS: The role of AGN activity and galaxy stellar mass. <i>Astronomy and Astrophysics</i> , 2022, 661, A108.	5.1	13
4	The ALPINE-ALMA [C ¹⁸ O] survey. Dust attenuation curves at $z = 4.4\text{--}5.5$. <i>Astronomy and Astrophysics</i> , 2022, 663, A50.	5.1	10
5	Comparison of the star formation in X-ray-selected AGN in eFEDS with that of star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2022, 663, A130.	5.1	14
6	JWST/MIRI Simulated Imaging: Insights into Obscured Star Formation and AGNs for Distant Galaxies in Deep Surveys. <i>Astrophysical Journal</i> , 2021, 908, 144.	4.5	16
7	X-ray flux in SED modelling: An application of X-CIGALE in the XMM-XXL field. <i>Astronomy and Astrophysics</i> , 2021, 646, A29.	5.1	29
8	Close-up view of a luminous star-forming galaxy at $z = 2.95$. <i>Astronomy and Astrophysics</i> , 2021, 646, A122.	5.1	23
9	How Does the Polar Dust Affect the Correlation between Dust Covering Factor and Eddington Ratio in Type 1 Quasars Selected from the Sloan Digital Sky Survey Data Release 16?. <i>Astrophysical Journal</i> , 2021, 912, 91.	4.5	29
10	HELP: the <i>Herschel</i> Extragalactic Legacy Project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 129-155.	4.4	51
11	Polar dust obscuration in broad-line active galaxies from the XMM-XXL field. <i>Astronomy and Astrophysics</i> , 2021, 654, A93.	5.1	25
12	Investigating the delay between dust radiation and star-formation in local and distant quenching galaxies. <i>Astronomy and Astrophysics</i> , 2021, 653, A6.	5.1	8
13	Fitting spectral energy distributions of FMOS-COSMOS emission-line galaxies at $z \sim 1.6$: Star formation rates, dust attenuation, and [OIII] $\lambda 5007$ emission-line luminosities. <i>Astronomy and Astrophysics</i> , 2021, 654, A153.	5.1	18
14	Galaxy properties of type 1 and 2 X-ray selected AGN and a comparison among different classification criteria. <i>Astronomy and Astrophysics</i> , 2021, 653, A70.	5.1	24
15	The role of AGN and obscuration in the position of the host galaxy relative to the main sequence. <i>Astronomy and Astrophysics</i> , 2021, 653, A74.	5.1	23
16	Preparing for LSST data. <i>Astronomy and Astrophysics</i> , 2021, 653, A107.	5.1	7
17	x-cigale: fitting AGN/galaxy SEDs from X-ray to infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 740-757.	4.4	138
18	NOEMA redshift measurements of bright <i>Herschel</i> galaxies. <i>Astronomy and Astrophysics</i> , 2020, 635, A7.	5.1	31

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19	Constraining the recent star formation history of galaxies: an approximate Bayesian computation approach. <i>Astronomy and Astrophysics</i> , 2020, 635, A136.	5.1	18
20	CIGALE: a python Code Investigating GALaxy Emission. <i>Astronomy and Astrophysics</i> , 2019, 622, A103.	5.1	625
21	Cold dust and stellar emissions in dust-rich galaxies observed with ALMA: a challenge for SED-fitting techniques. <i>Astronomy and Astrophysics</i> , 2019, 632, A79.	5.1	59
22	Properties of LBGs with [OIII] detection at $z \approx 3.5$. <i>Astronomy and Astrophysics</i> , 2019, 631, A123.	5.1	12
23	Rest-frame far-ultraviolet to far-infrared view of Lyman break galaxies at $z = 3$: Templates and dust attenuation. <i>Astronomy and Astrophysics</i> , 2019, 630, A153.	5.1	29
24	Investigation of dust attenuation and star formation activity in galaxies hosting GRBs. <i>Astronomy and Astrophysics</i> , 2018, 617, A141.	5.1	16
25	HELP: modelling the spectral energy distributions of <i>Herschel</i> detected galaxies in the ELAIS N1 field. <i>Astronomy and Astrophysics</i> , 2018, 620, A50.	5.1	80
26	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A57.	5.1	63
27	Dust attenuation and $H\alpha$ emission in a sample of galaxies observed with <i>Herschel</i> at $0.6 < z < 1.6$. <i>Astronomy and Astrophysics</i> , 2018, 619, A135.	5.1	45
28	Characterizing the UV-to-NIR shape of the dust attenuation curve of IR luminous galaxies up to $z \approx 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1372-1391.	4.4	77
29	The imprint of rapid star formation quenching on the spectral energy distributions of galaxies. <i>Astronomy and Astrophysics</i> , 2016, 585, A43.	5.1	81
30	Constraining the properties of AGN host galaxies with spectral energy distribution modelling. <i>Astronomy and Astrophysics</i> , 2015, 576, A10.	5.1	171
31	Dust attenuation up to $z \approx 2$ in the AKARI North Ecliptic Pole Deep Field. <i>Astronomy and Astrophysics</i> , 2015, 577, A141.	5.1	33
32	The <i>Herschel</i> view of the dominant mode of galaxy growth from $z = 4$ to the present day. <i>Astronomy and Astrophysics</i> , 2015, 575, A74.	5.1	582
33	GOODS-HERSCHEL: STAR FORMATION, DUST ATTENUATION, AND THE FIR-RADIO CORRELATION ON THE MAIN SEQUENCE OF STAR-FORMING GALAXIES UP TO $z \approx 4$. <i>Astrophysical Journal</i> , 2015, 807, 141.	4.5	174
34	Impact of star formation history on the measurement of star formation rates. <i>Astronomy and Astrophysics</i> , 2014, 571, A72.	5.1	72
35	The evolution of the dust and gas content in galaxies. <i>Astronomy and Astrophysics</i> , 2014, 562, A30.	5.1	220
36	Ultraviolet to infrared emission of $z > 1$ galaxies: Can we derive reliable star formation rates and stellar masses?. <i>Astronomy and Astrophysics</i> , 2014, 561, A39.	5.1	61

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37	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2013, 762, 59.	4.5	147
38	GOODS- <i>Herschel</i> : dust attenuation properties of UV selected high redshift galaxies. <i>Astronomy and Astrophysics</i> , 2012, 545, A141.	5.1	150
39	The <i>Herschel</i> Multi-tiered Extragalactic Survey: HerMES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1614-1635.	4.4	646
40	DUST ATTENUATION IN UV-SELECTED STARBURSTS AT HIGH REDSHIFT AND THEIR LOCAL COUNTERPARTS: IMPLICATIONS FOR THE COSMIC STAR FORMATION RATE DENSITY. <i>Astrophysical Journal Letters</i> , 2011, 726, L7.	8.3	139
41	The <i>Herschel</i> ATLAS. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 499-515.	3.1	489
42	Analysis of galaxy spectral energy distributions from far-UV to far-IR with CIGALE: studying a SINGS test sample. <i>Astronomy and Astrophysics</i> , 2009, 507, 1793-1813.	5.1	640
43	Star formation history of galaxies from $z = 0$ to $z = 0.7$. <i>Astronomy and Astrophysics</i> , 2008, 483, 107-119.	5.1	47
44	Star formation and dust attenuation properties in galaxies from a statistical ultraviolet-to-far-infrared analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 1413-1425.	4.4	364
45	Spectral Energy Distributions of starburst galaxies in the 900–1200 μm range. <i>Astronomy and Astrophysics</i> , 2002, 393, 33-42.	5.1	30