Mattia Vaccari

List of Publications by Year
in descending order

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302	24,170	13098 68	8163 148
papers	citations	h-index	g-index

306	306	306	14085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TheGaiamission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
2	TheHerschel-SPIRE instrument and its in-flight performance. Astronomy and Astrophysics, 2010, 518, L3.	5.1	1,744
3	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
4	THE COSMOS2015 CATALOG: EXPLORING THE 1Â< z <Â6 UNIVERSE WITH HALF A MILLION GALAXIES. Astrophysical Journal, Supplement Series, 2016, 224, 24.	7.7	784
5	Extragalactic optical-infrared background radiation, its time evolution and the cosmic photon-photon opacity. Astronomy and Astrophysics, 2008, 487, 837-852.	5.1	696
6	TheHerschelMulti-tiered Extragalactic Survey: HerMES. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1614-1635.	4.4	646
7	The Herschel ATLAS. Publications of the Astronomical Society of the Pacific, 2010, 122, 499-515.	3.1	489
8	The SCUBA Half-Degree Extragalactic Survey - II. Submillimetre maps, catalogue and number counts. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1621-1652.	4.4	360
9	The Herschelâ˜... PEP/HerMES luminosity function â€“ I. Probing the evolution of PACS selected Galaxies to z â‰ƒ 4. Monthly Notices of the Royal Astronomical Society, 2013, 432, 23-52.	4.4	341
10	The Karl G. Jansky Very Large Array Sky Survey (VLASS). Science Case and Survey Design. Publications of the Astronomical Society of the Pacific, 2020, 132, 035001.	3.1	337
11	Mechanisms and adsorption capacities of biochar for the removal of organic and inorganic pollutants from industrial wastewater. International Journal of Environmental Science and Technology, 2021, 18, 3273-3294.	3.5	287
12	The SCUBA HAlf Degree Extragalactic Survey - III. Identification of radio and mid-infrared counterparts to submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 0, 380, 199-228.	4.4	269
13	HerMES: The SPIRE confusion limit. Astronomy and Astrophysics, 2010, 518, L5.	5.1	253
14	The Herschel Reference Survey. Publications of the Astronomical Society of the Pacific, 2010, 122, 261-287.	3.1	235
15	HerMES: SPIRE galaxy number counts at 250, 350, and 500ÂÎ¼m. Astronomy and Astrophysics, 2010, 518, L21.	5.1	196
16	The far-infrared/radio correlation as probed byHerschel. Astronomy and Astrophysics, 2010, 518, L31.	5.1	190
17	Herschelunveils a puzzling uniformity of distant dusty galaxies. Astronomy and Astrophysics, 2010, 518, L29.	5.1	182
18	The suppression of star formation by powerful active galactic nuclei. Nature, 2012, 485, 213-216.	27.8	175

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19	An Overview of the Dwarf Galaxy Survey. Publications of the Astronomical Society of the Pacific, 2013, 125, 600-635.	3.1	172
20	The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2022, 659, A1.	5.1	169
21	HerMES: deep number counts at 250â€‰Î¼m, 350â€‰Î¼m and 500â€‰Î¼m in the COSMOS and GOODS-N fields and the build-up of the cosmic infrared background. Astronomy and Astrophysics, 2012, 542, A58.	5.1	164
22	Photometric redshifts in the SWIRE Survey. Monthly Notices of the Royal Astronomical Society, 2008, 386, 697-714.	4.4	158
23	The Herschel Multi-Tiered Extragalactic Survey: source extraction and cross-identifications in confusion-dominated SPIRE images. Monthly Notices of the Royal Astronomical Society, 2010, 409, 48-65.	4.4	156
24	Tracing the cosmic growth of supermassive black holes to zÂâˆ¼Â3 with Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2736-2754.	4.4	150
25	HerschelPEP/HerMES: the redshift evolution (0 â‰‰zâ‰‰ 4) of dust attenuation and of the total (UV+IR) star formation rate density. Astronomy and Astrophysics, 2013, 554, A70.	5.1	148
26	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. Astrophysical Journal, 2013, 762, 59.	4.5	147
27	Dust spectral energy distributions of nearby galaxies: an insight from theHerschelReference Survey. Astronomy and Astrophysics, 2014, 565, A128.	5.1	147
28	Mid- and far-infrared luminosity functions and galaxy evolution from multiwavelengthSpitzerobservations up tozâ€‰~ 2.5. Astronomy and Astrophysics, 2010, 515, A8.	5.1	146
29	Evolution of dust temperature of galaxies through cosmic time as seen by Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2010, 409, 75-82.	4.4	145
30	HerMES: Far infrared properties of known AGN in the HerMES fields. Astronomy and Astrophysics, 2010, 518, L33.	5.1	144
31	COSMOS2020: A Panchromatic View of the Universe to z â‰¼ 10 from Two Complementary Catalogs. Astrophysical Journal, Supplement Series, 2022, 258, 11.	7.7	140
32	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Deï¬nition and Goals*. Publications of the Astronomical Society of the Pacific, 2012, 124, 714-736.	3.1	135
33	The Herschel census of infrared SEDs through cosmic timeâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2317-2340.	4.4	134
34	HerMES: COSMIC INFRARED BACKGROUND ANISOTROPIES AND THE CLUSTERING OF DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 772, 77.	4.5	132
35	TheHerschelSpace Observatory view of dust in M81. Astronomy and Astrophysics, 2010, 518, L65.	5.1	129
36	The European Large-AreaISOSurvey (ELAIS): the final band-merged catalogue. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1290-1306.	4.4	121

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37	Revealing the cold dust in low-metallicity environments. Astronomy and Astrophysics, 2013, 557, A95.	5.1	120
38	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. Nature, 2013, 498, 338-341.	27.8	119
39	Luminosity functions for galaxies and quasars in the Spitzer Wide-area Infrared Extragalactic Legacy Survey. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1159-1180.	4.4	113
40	Spectral Energy Distributions and Luminosities of Galaxies and Active Galactic Nuclei in theSpitzerWide-Area Infrared Extragalactic (SWIRE) Legacy Survey. Astronomical Journal, 2005, 129, 1183-1197.	4.7	112
41	Extended x-ray-absorption fine-structure measurements of copper:â€ƒ Local dynamics, anharmonicity, and thermal expansion. Physical Review B, 2004, 70, .	3.2	111
42	The SCUBA HAlf Degree Extragalactic Survey â€“ VI. 350-Î¼m mapping of submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1597-1610.	4.4	108
43	The Herschel Multi-tiered Extragalactic Survey: SPIRE-mm photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2758-2773.	4.4	99
44	HerMES: THE CONTRIBUTION TO THE COSMIC INFRARED BACKGROUND FROM GALAXIES SELECTED BY MASS AND REDSHIFT. Astrophysical Journal, 2013, 779, 32.	4.5	99
45	HerMES: deep galaxy number counts from a P(D) fluctuation analysis of SPIRE Science Demonstration Phase observations. Monthly Notices of the Royal Astronomical Society, 2010, 409, 109-121.	4.4	98
46	Submillimetre galaxies reside in dark matter haloes with masses greater than 3â€‰Ã—â€‰1011 solar masses. Nature, 2011, 470, 510-512.	27.8	98
47	TheHerschel-ATLAS: a sample of 500ÂÎ¼m-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	4.4	96
48	The first release of data from the Herschel ATLAS: the SPIRE imagesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 911-917.	4.4	95
49	HerMES: CANDIDATE HIGH-REDSHIFT GALAXIES DISCOVERED WITHHERSCHEL/SPIRE,. Astrophysical Journal, 2014, 780, 75.	4.5	92
50	H-ATLAS: PACS imaging for the Science Demonstration Phase. Monthly Notices of the Royal Astronomical Society, 2010, 409, 38-47.	4.4	90
51	Submillimetre photometry of 323 nearby galaxies from theHerschelReference Survey. Astronomy and Astrophysics, 2012, 543, A161.	5.1	90
52	The SCUBA Half Degree Extragalactic Survey - IV. Radio-mm-FIR photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1571-1588.	4.4	89
53	PACS photometry of the Herschel Reference Survey â€“ far-infrared/submillimetre colours as tracers of dust properties in nearby galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 440, 942-956.	4.4	89
54	The star formation rate density fromz= 1 to 6. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1100-1111.	4.4	89

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55	HELP: xid+, the probabilistic de-blender forHerschelSPIRE maps. Monthly Notices of the Royal Astronomical Society, 2017, 464, 885-896.	4.4	89
56	DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL/SPIRE [*] DATA. Astrophysical Journal Letters, 2011, 732, L35.	8.3	86
57	Cosmic evolution of the galaxy's mass and luminosity functions by morphological type from multi-wavelength data in the CDF-South. Astronomy and Astrophysics, 2006, 453, 397-421.	5.1	82
58	The SCUBA HAlf Degree Extragalactic Survey (SHADES) â€“ VII. Optical/IR photometry and stellar masses of submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1107-1130.	4.4	80
59	HELP: modelling the spectral energy distributions of Herschel detected galaxies in the ELAIS N1 field. Astronomy and Astrophysics, 2018, 620, A50.	5.1	80
60	Energy audit in small wastewater treatment plants: methodology, energy consumption indicators, and lessons learned. Water Science and Technology, 2015, 72, 1007-1015.	2.5	78
61	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	5.1	78
62	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	5.1	77
63	Left ventricular remodelling, and systolic and diastolic function in young adults with Â thalassaemia major: a Doppler echocardiographic assessment and correlation with haematological data. British Heart Journal, 2003, 89, 762-766.	2.1	74
64	The SCUBA Half-Degree Extragalactic Survey -- I. Survey motivation, design and data processing. Monthly Notices of the Royal Astronomical Society, 2005, 363, 563-580.	4.4	74
65	Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from theâ€‚Herschel-ATLASâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3473-3484.	4.4	73
66	FIR colours and SEDs of nearby galaxies observed withHerschel. Astronomy and Astrophysics, 2010, 518, L61.	5.1	72
67	The VLA-COSMOS 3 GHz Large Project: Evolution of Specific Star Formation Rates out to zÂâ¼Â5. Astrophysical Journal, 2020, 899, 58.	4.5	72
68	Probing the molecular interstellar medium of M82 withHerschel-SPIRE spectroscopy. Astronomy and Astrophysics, 2010, 518, L37.	5.1	71
69	How Assessment Methods Can Support Solid Waste Management in Developing Countriesâ€”A Critical Review. Sustainability, 2014, 6, 545-570.	3.2	71
70	Supernova rates from the SUDARE VST-OmegaCAM search. Astronomy and Astrophysics, 2015, 584, A62.	5.1	71
71	The JCMT Nearby Galaxies Legacy Survey â€” VIII. CO data and the LCO(3-2)-LFIR correlation in the SINGS sample. Monthly Notices of the Royal Astronomical Society, 2012, 424, 3050-3080.	4.4	70
72	Herschel Multitiered Extragalactic Survey: clusters of dusty galaxies uncovered by Herschelâ˜… and Planckâ€‚. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1193-1211.	4.4	69

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73	HerMES: Halo occupation number and bias properties of dusty galaxies from angular clustering measurements. Astronomy and Astrophysics, 2010, 518, L22.	5.1	68
74	A Complete Multiwavelength Characterization of FaintChandraX-Ray Sources Seen in theSpitzerWide-Area Infrared Extragalactic (SWIRE) Survey. Astronomical Journal, 2005, 129, 2074-2101.	4.7	66
75	SPIRE imaging of Mâ€‰82: Cool dust in the wind and tidal streams. Astronomy and Astrophysics, 2010, 518, L66.	5.1	65
76	A FAR-INFRARED SPECTROSCOPIC SURVEY OF INTERMEDIATE REDSHIFT (ULTRA) LUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2014, 796, 63.	4.5	65
77	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS*. Astrophysical Journal, 2016, 823, 17.	4.5	65
78	Star formation inHerschel's Monsters versus semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3419-3426.	4.4	64
79	The LOFAR LBA Sky Survey. Astronomy and Astrophysics, 2021, 648, A104.	5.1	64
80	Herschel reveals a Tdust-unbiased selection of zâ¼ 2 ultraluminous infrared galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 409, 22-28.	4.4	63
81	Benchmarking of energy consumption in municipal wastewater treatment plants â€“ a survey of over 200 plants in Italy. Water Science and Technology, 2018, 77, 2242-2252.	2.5	63
82	HerMES: point source catalogues from deepâ€‚Herschel-SPIRE observationsâ€¦. Monthly Notices of the Royal Astronomical Society, 2012, 419, 377-389.	4.4	62
83	Mid-infrared spectroscopy of infrared-luminous galaxies atzâ¼ 0.5-3. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1695-1722.	4.4	61
84	The JCMT Nearby Galaxies Legacy Survey - III. Comparisons of cold dust, polycyclic aromatic hydrocarbons, molecular gas and atomic gas in NGC 2403. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1409-1425.	4.4	61
85	Einstein and Debye models for EXAFS parallel and perpendicular mean-square relative displacements. Journal of Synchrotron Radiation, 2006, 13, 321-325.	2.4	60
86	TheHerschelExploitation of Local Galaxy Andromeda (HELGA). Astronomy and Astrophysics, 2012, 546, A34.	5.1	59
87	The XMM-SERVS survey: new XMMâ€“Newton point-source catalogue for the XMM-LSS field. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2132-2163.	4.4	59
88	Cardiac Troponin I and Q-wave perioperative myocardial infarction after coronary artery bypass surgery. Critical Care Medicine, 1998, 26, 1986-1990.	0.9	59
89	The evolving relation between star formation rate and stellar mass in the VIDEO survey sincezÂ=Â3. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2541-2558.	4.4	57
90	DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED z â‰ƒ 3 SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL. Astrophysical Journal Letters, 2011, 733, L12.	8.3	56

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91	A new EXAFS investigation of local structural changes in amorphous and crystalline GeO₂at high pressure. Journal of Physics Condensed Matter, 2009, 21, 145403.	1.8	55
92	The HerMES SPIRE submillimeter local luminosity function. Astronomy and Astrophysics, 2010, 518, L20.	5.1	55
93	Radial distribution of gas and dust in spiral galaxies. Astronomy and Astrophysics, 2010, 518, L72.	5.1	55
94	HELP: a catalogue of 170 million objects, selected at 0.36â€“4.5 Î¼m, from 1270Âdeg2 of prime extragalactic fields. Monthly Notices of the Royal Astronomical Society, 2019, 490, 634-656.	4.4	55
95	MID-INFRARED SPECTROSCOPY OF CANDIDATE ACTIVE GALACTIC NUCLEI-DOMINATED SUBMILLIMETER GALAXIES. Astrophysical Journal, 2010, 713, 503-519.	4.5	54
96	Automated Mining of the ALMA Archive in the COSMOS Field (A³COSMOS). I. Robust ALMA Continuum Photometry Catalogs and Stellar Mass and Star Formation Properties for â¼700 Galaxies at zÂ=Â0.5â€“6. Astrophysical Journal, Supplement Series, 2019, 244, 40.	7.7	54
97	Herschel-SPIRE, far-infrared properties of millimetre-bright and -faint radio galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L13-L18.	3.3	53
98	Quasars That Have Transitioned from Radio-quiet to Radio-loud on Decadal Timescales Revealed by VLASS and FIRST. Astrophysical Journal, 2020, 905, 74.	4.5	53
99	The SCUBA Half-Degree Extragalactic Survey (SHADES) â€“ VIII. The nature of faint submillimetre galaxies in SHADES, SWIRE and SXDF surveys. Monthly Notices of the Royal Astronomical Society, 2008, 387, 247-267.	4.4	52
100	Negative thermal expansion in CuCl: An extended x-ray absorption fine structure study. Physical Review B, 2007, 75, .	3.2	51
101	HELP: the Herschel Extragalactic Legacy Project. Monthly Notices of the Royal Astronomical Society, 2021, 507, 129-155.	4.4	51
102	A comparison between two full-scale MBR and CAS municipal wastewater treatment plants: techno-economic-environmental assessment. Environmental Science and Pollution Research, 2017, 24, 17383-17393.	5.3	50
103	The Lockman Hole Project: new constraints on the sub-mJy source counts from a wide-area 1.4ÂGHz mosaic. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4548-4565.	4.4	50
104	Groundwater Prediction Using Machine-Learning Tools. Algorithms, 2020, 13, 300.	2.1	50
105	First results from HerMES on the evolution of the submillimetre luminosity function. Astronomy and Astrophysics, 2010, 518, L23.	5.1	49
106	HerMES: point source catalogues from Herschel-SPIRE observations IIâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 444, 2870-2883.	4.4	49
107	MAGPHYS+photo-z: Constraining the Physical Properties of Galaxies with Unknown Redshifts. Astrophysical Journal, 2019, 882, 61.	4.5	49
108	GALAXY COUNTS AT 24 Î¼m IN THE SWIRE FIELDS. Astronomical Journal, 2008, 135, 1050-1056.	4.7	47

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109	Specific star formation and the relation to stellar mass from 0 <<i>z</i>< 2 as seen in the far-infrared at 70 and 160<i>Î¼</i>m. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	47
110	Herschelphotometric observations of the nearby low metallicity irregular galaxy NGC 6822. Astronomy and Astrophysics, 2010, 518, L55.	5.1	47
111	Agricultural waste as household fuel: Techno-economic assessment of a new rice-husk cookstove for developing countries. Waste Management, 2013, 33, 2762-2770.	7.4	47
112	Observation of H₂O in a strongly lensedHerschel-ATLAS source atz= 2.3. Astronomy and Astrophysics, 2011, 530, L3.	5.1	46
113	Revised SWIRE photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1958-1967.	4.4	46
114	The SCUBA Half Degree Extragalactic Survey (SHADES) â€“ IX. The environment, mass and redshift dependence of star formation. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1907-1921.	4.4	44
115	Cold dust and young starbursts: spectral energy distributions of Herschel SPIRE sources from the HerMES surveyâ˜.... Monthly Notices of the Royal Astronomical Society, 2010, 409, 2-11.	4.4	43
116	Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at zâ¼1. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2239-2252.	4.4	43
117	The dust morphology of the elliptical Galaxy Mâ€‰86 with SPIRE. Astronomy and Astrophysics, 2010, 518, L45.	5.1	42
118	PHOTOMETRY AND PHOTOMETRIC REDSHIFT CATALOGS FOR THE LOCKMAN HOLE DEEP FIELD. Astrophysical Journal, Supplement Series, 2012, 198, 1.	7.7	41
119	Negative thermal expansion in cyclosilicates with the dehydroxylated structure: An extended x-ray absorption fine structure study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuScO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuLaO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 79, .	3.2	40
120	REDSHIFT DETERMINATION AND CO LINE EXCITATION MODELING FOR THE MULTIPLY LENSED GALAXY HLSW-01. Astrophysical Journal, 2011, 733, 29.	4.5	40
121	Temporal, regional and cellular selectivity of neonatal alteration of the thyroid state on neurochemical maturation in the rat. Experimental Brain Research, 1991, 83, 555-61.	1.5	39
122	Galaxy evolution from deep multi-wavelength infrared surveys: a prelude toHerschel. Astronomy and Astrophysics, 2010, 517, A74.	5.1	38
123	Measures of star formation rates from infrared (Herschel) and UV (GALEX) emissions of galaxies in the HerMES fields. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L1-L6.	3.3	37
124	The FIRST Classifier: compact and extended radio galaxy classification using deep Convolutional Neural Networks. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2085-2093.	4.4	37
125	The temperature dependence of the far-infraredâ€“radio correlation in the Herschel-ATLASâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 445, 2232-2243.	4.4	36
126	Reversal of malignant phenotype in human osteosarcoma cells transduced with the alkaline phosphatase gene. Bone, 2000, 26, 215-220.	2.9	35

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127	S-100 Protein and Neuron-Specific Enolase as Markers of Subclinical Cerebral Damage after Cardiac Surgery: Preliminary Observation of a 6-Month Follow-Up Study. European Neurology, 2001, 45, 151-159.	1.4	35
128	The roles of star formation and AGN activity of IRS sources in the HerMES fields. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2426-2437.	4.4	35
129	The HerMES submillimetre local and low-redshift luminosity functions. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1999-2023.	4.4	35
130	Mapping the interstellar medium in galaxies withHerschel/SPIRE. Astronomy and Astrophysics, 2010, 518, L62.	5.1	34
131	HERSCHEL OBSERVATIONS OF FAR-INFRARED COOLING LINES IN INTERMEDIATE REDSHIFT (ULTRA)-LUMINOUS INFRARED GALAXIES. Astrophysical Journal Letters, 2014, 781, L15.	8.3	34
132	The star-formation history of the Universe with the SKA. , 2015, , .		34
133	Linking the X-ray and infrared properties of star-forming galaxies at zÂ<Â1.5â˜¼. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3728-3740.	4.4	33
134	Herschelphotometric observations of the low metallicity dwarf galaxy NGC 1705. Astronomy and Astrophysics, 2010, 518, L58.	5.1	32
135	Testing the starburst/AGN connection with SWIRE X-ray/70 Î¼m sources. Monthly Notices of the Royal Astronomical Society, 2009, 399, 663-670.	4.4	30
136	The AGN content in luminous infrared galaxies at zâ¼ 2 from a global SED analysis including Herschel data. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1909-1920.	4.4	30
137	Herschel-SPIRE observations of the disturbed galaxy NGCâ€‰4438. Astronomy and Astrophysics, 2010, 518, L63.	5.1	29
138	Extreme submillimetre starburst galaxies. Astronomy and Astrophysics, 2018, 619, A169.	5.1	29
139	HerMES: SPIRE emission from radio-selected active galactic nucleiâ˜¼. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1777-1786.	4.4	28
140	HerMES: detection of cosmic magnification of submillimetre galaxies using angular cross-correlationâ˜¼. Monthly Notices of the Royal Astronomical Society, 2011, 414, 596-601.	4.4	28
141	Negative thermal expansion in crystals with the zincblende structure: an EXAFS study of CdTe. Journal of Physics Condensed Matter, 2012, 24, 115403.	1.8	28
142	THE COMPLEX PHYSICS OF DUSTY STAR-FORMING GALAXIES AT HIGH REDSHIFTS AS REVEALED BYHERSCHELANDSPITZER. Astrophysical Journal, 2013, 762, 108.	4.5	28
143	Variability-selected active galactic nuclei in the VST-SUDARE/VOICE survey of the COSMOS field. Astronomy and Astrophysics, 2015, 574, A112.	5.1	28
144	A Major Involvement of the Cardiovascular System in Patients Affected by Marfan Syndrome: Novel Mutations in Fibrillin 1 Gene. Journal of Molecular and Cellular Cardiology, 1997, 29, 1877-1884.	1.9	27

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145	The exstrophy-epispadias complex: is aesthetic appearance important?. BJU International, 2004, 93, 1062-1068.	2.5	27
146	The European Large Area ISO Survey â€“ IX. The 90-Î¼m luminosity function from the Final Analysis sample. Monthly Notices of the Royal Astronomical Society, 2004, 355, 813-818.	4.4	27
147	Continuous Suture Technique and Impairment of the Atrioventricular Conduction After Aortic Valve Replacement. Journal of Cardiac Surgery, 2010, 15, 418-422.	0.7	27
148	Herschel-SPIRE FTS spectroscopy of the carbon-rich objects AFGLÂ2688, AFGLÂ618, and NGCÂ7027. Astronomy and Astrophysics, 2010, 518, L144.	5.1	27
149	MODELING OF THE HERMES SUBMILLIMETER SOURCE LENSED BY A DARK MATTER DOMINATED FOREGROUND GROUP OF GALAXIES. Astrophysical Journal, 2011, 738, 125.	4.5	27
150	Wide-field optical imaging on ELAIS N1, ELAIS N2, First Look Survey and Lockman Hole: observations and source catalogues. Monthly Notices of the Royal Astronomical Society, 2011, 416, 927-940.	4.4	27
151	The galaxyâ€“halo connection in the VIDEO survey at 0.5 <<i>z</i>< 1.7. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2618-2631.	4.4	27
152	HerMES: LYMAN BREAK GALAXIES INDIVIDUALLY DETECTED AT 0.7 â©½ z â©½ 2.0 IN GOODS-N WITH HERSCHEL /SPIRE. Astrophysical Journal Letters, 2011, 734, L12.	8.3	26
153	COSMIC EVOLUTION OF STAR FORMATION ENHANCEMENT IN CLOSE MAJOR-MERGER GALAXY PAIRS SINCEz= 1. Astrophysical Journal, 2012, 760, 72.	4.5	26
154	Design and performance assessment of a rice husk fueled stove for household cooking in a typical sub-Saharan setting. Energy for Sustainable Development, 2014, 23, 15-24.	4.5	25
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