Mattia Vaccari

List of Publications by Citations

286 papers	19,096 citations	63 h-index	132 g-index
306 ext. papers	21,646 ext. citations	4.7 avg, IF	5.63 L-index

#	Paper	IF	Citations
286	TheGaiamission. *Astronomy and Astrophysics*, **2016**, 595, A1	5.1	2933
285	TheHerschel-SPIRE instrument and its in-flight performance. *Astronomy and Astrophysics*, **2010**, 518, L3	5.1	1550
284	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A2	5.1	1364
283	Extragalactic optical-infrared background radiation, its time evolution and the cosmic photon-photon opacity. *Astronomy and Astrophysics*, **2008**, 487, 837-852	5.1	606
282	THE COSMOS2015 CATALOG: EXPLORING THE 1 Astrophysical Journal, Supplement Series, **2016**, 224, 24	8	579
281	TheHerschelMulti-tiered Extragalactic Survey: HerMES. *Monthly Notices of the Royal Astronomical Society*, **2012**, 424, 1614-1635	4.3	546
280	The Herschel ATLAS. *Publications of the Astronomical Society of the Pacific*, **2010**, 122, 499-515	5	434
279	The SCUBA Half-Degree Extragalactic Survey - II. Submillimetre maps, catalogue and number counts. *Monthly Notices of the Royal Astronomical Society*, **2006**, 372, 1621-1652	4.3	342
278	The Herschel? PEP/HerMES luminosity function . Probing the evolution of PACS selected Galaxies to z ? 4. *Monthly Notices of the Royal Astronomical Society*, **2013**, 432, 23-52	4.3	275
277	The SCUBA HAlf Degree Extragalactic Survey - III. Identification of radio and mid-infrared counterparts to submillimetre galaxies. *Monthly Notices of the Royal Astronomical Society*, **2007**, 380, 199-228	4.3	252
276	HerMES: The SPIRE confusion limit. *Astronomy and Astrophysics*, **2010**, 518, L5	5.1	235
275	The Herschel Reference Survey. *Publications of the Astronomical Society of the Pacific*, **2010**, 122, 261-287	5	218
274	HerMES: SPIRE galaxy number counts at 250, 350, and 500 m. *Astronomy and Astrophysics*, **2010**, 518, L21	5.1	182
273	Herschelunveils a puzzling uniformity of distant dusty galaxies. *Astronomy and Astrophysics*, **2010**, 518, L29	5.1	175
272	The far-infrared/radio correlation as probed byHerschel. *Astronomy and Astrophysics*, **2010**, 518, L31	5.1	173
271	The suppression of star formation by powerful active galactic nuclei. *Nature*, **2012**, 485, 213-6	50.4	152
270	Photometric redshifts in the SWIRE Survey. *Monthly Notices of the Royal Astronomical Society*, **2008**, 386, 697-714	4.3	151

269	HerMES: deep number counts at 250 μm, 350 μm and 500 μm in the COSMOS and GOODS-N fields and the build-up of the cosmic infrared background. *Astronomy and Astrophysics*, **2012**, 542, A58	5.1	149
268	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	4.3	140
267	Evolution of dust temperature of galaxies through cosmic time as seen by Herschel?. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 75-82	4.3	138
266	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	5	137
265	An Overview of the Dwarf Galaxy Survey. *Publications of the Astronomical Society of the Pacific*, **2013**, 125, 600-635	5	136
264	HerMES: Far infrared properties of known AGN in the HerMES fields. *Astronomy and Astrophysics*, **2010**, 518, L33	5.1	135
263	Mid- and far-infrared luminosity functions and galaxy evolution from multiwavelengthSpitzerobservations up toz ~ 2.5. *Astronomy and Astrophysics*, **2010**, 515, A8	5.1	133
262	HerschelPEP/HerMES: the redshift evolution (0 ≤ z ≤ 4) of dust attenuation and of the total (UV+IR) star formation rate density. *Astronomy and Astrophysics*, **2013**, 554, A70	5.1	131
261	Dust spectral energy distributions of nearby galaxies: an insight from theHerschelReference Survey. *Astronomy and Astrophysics*, **2014**, 565, A128	5.1	129
260	The Herschel census of infrared SEDs through cosmic time?. *Monthly Notices of the Royal Astronomical Society*, **2013**, 431, 2317-2340	4.3	126
259	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. *Astrophysical Journal*, **2013**, 762, 59	4.7	126
258	TheHerschelSpace Observatory view of dust in M81. *Astronomy and Astrophysics*, **2010**, 518, L65	5.1	125
257	Tracing the cosmic growth of supermassive black holes to z ~ 3 with Herschel?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 2736-2754	4.3	122
256	The European Large-AreaISOSurvey (ELAIS): the final band-merged catalogue. *Monthly Notices of the Royal Astronomical Society*, **2004**, 351, 1290-1306	4.3	116
255	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	4.9	110
254	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Definition and Goals*. *Publications of the Astronomical Society of the Pacific*, **2012**, 124, 714-736	5	108
253	The SCUBA HAlf Degree Extragalactic Survey – VI. 350-μm mapping of submillimetre galaxies. *Monthly Notices of the Royal Astronomical Society*, **2008**, 384, 1597-1610	4.3	107
252	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. *Nature*, **2013**, 498, 338-41	50.4	105

251	HerMES: COSMIC INFRARED BACKGROUND ANISOTROPIES AND THE CLUSTERING OF DUSTY STAR-FORMING GALAXIES. *Astrophysical Journal*, **2013**, 772, 77	4.7	105
250	Revealing the cold dust in low-metallicity environments. *Astronomy and Astrophysics*, **2013**, 557, A95	5.1	105
249	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	4.3	104
248	Extended x-ray-absorption fine-structure measurements of copper: Local dynamics, anharmonicity, and thermal expansion. *Physical Review B*, **2004**, 70,	3.3	101
247	The Herschel Multi-tiered Extragalactic Survey: SPIRE-mm photometric redshifts. *Monthly Notices of the Royal Astronomical Society*, **2012**, 419, 2758-2773	4.3	91
246	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	4.3	90
245	The first release of data from the Herschel ATLAS: the SPIRE images?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 415, 911-917	4.3	89
244	Submillimetre galaxies reside in dark matter haloes with masses greater than 3 □10(11) solar masses. *Nature*, **2011**, 470, 510-2	50.4	88
243	H-ATLAS: PACS imaging for the Science Demonstration Phase. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 38-47	4.3	87
242	The SCUBA Half Degree Extragalactic Survey - IV. Radio-mm-FIR photometric redshifts. *Monthly Notices of the Royal Astronomical Society*, **2007**, 379, 1571-1588	4.3	87
241	Submillimetre photometry of 323 nearby galaxies from theHerschelReference Survey. *Astronomy and Astrophysics*, **2012**, 543, A161	5.1	86
240	HerMES: THE CONTRIBUTION TO THE COSMIC INFRARED BACKGROUND FROM GALAXIES SELECTED BY MASS AND REDSHIFT. *Astrophysical Journal*, **2013**, 779, 32	4.7	84
239	HerMES: CANDIDATE HIGH-REDSHIFT GALAXIES DISCOVERED WITHHERSCHEL/SPIRE,. *Astrophysical Journal*, **2014**, 780, 75	4.7	83
238	PACS photometry of the Herschel Reference Survey □far-infrared/submillimetre colours as tracers of dust properties in nearby galaxies. *Monthly Notices of the Royal Astronomical Society*, **2014**, 440, 942-956	4.3	80
237	DISCOVERY OF A MULTIPLY LENSED SUBMILLIMETER GALAXY IN EARLY HerMES HERSCHEL /SPIRE DATA. *Astrophysical Journal Letters*, **2011**, 732, L35	7.9	78
236	The SCUBA HAlf Degree Extragalactic Survey (SHADES) □VII. Optical/IR photometry and stellar masses of submillimetre galaxies. *Monthly Notices of the Royal Astronomical Society*, **2008**, 386, 1107-1130	4.3	78
235	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	78
234	The SCUBA Half-Degree Extragalactic Survey -- I. Survey motivation, design and data processing. *Monthly Notices of the Royal Astronomical Society*, **2005**, 363, 563-580	4.3	72

233	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 601, A19	5.1	71
232	TheHerschel-ATLAS: a sample of 500 μm-selected lensed galaxies over 600 deg2. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 3558-3580	4.3	68
231	Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from the Herschel-ATLAS?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 415, 3473-3484	4.3	68
230	Probing the molecular interstellar medium of M82 withHerschel-SPIRE spectroscopy. *Astronomy and Astrophysics*, **2010**, 518, L37	5.1	68
229	FIR colours and SEDs of nearby galaxies observed withHerschel. *Astronomy and Astrophysics*, **2010**, 518, L61	5.1	67
228	HELP: xid+, the probabilistic de-blender forHerschelSPIRE maps. *Monthly Notices of the Royal Astronomical Society*, **2017**, 464, 885-896	4.3	66
227	A Complete Multiwavelength Characterization of FaintChandraX-Ray Sources Seen in theSpitzerWide-Area Infrared Extragalactic (SWIRE) Survey. *Astronomical Journal*, **2005**, 129, 2074-2101	4.9	65
226	The star formation rate density from z = 1 to 6. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 1100-1111	4.3	64
225	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	3.3	64
224	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 605, A79	5.1	64
223	HerMES: Halo occupation number and bias properties of dusty galaxies from angular clustering measurements. *Astronomy and Astrophysics*, **2010**, 518, L22	5.1	62
222	SPIRE imaging of M 82: Cool dust in the wind and tidal streams. *Astronomy and Astrophysics*, **2010**, 518, L66	5.1	61
221	A FAR-INFRARED SPECTROSCOPIC SURVEY OF INTERMEDIATE REDSHIFT (ULTRA) LUMINOUS INFRARED GALAXIES. *Astrophysical Journal*, **2014**, 796, 63	4.7	60
220	HerMES: point source catalogues from deep Herschel-SPIRE observations?. *Monthly Notices of the Royal Astronomical Society*, **2012**, 419, 377-389	4.3	60
219	Left ventricular remodelling, and systolic and diastolic function in young adults with beta thalassaemia major: a Doppler echocardiographic assessment and correlation with haematological data. *British Heart Journal*, **2003**, 89, 762-6		59
218	Herschel reveals a Tdust-unbiased selection of z~ 2 ultraluminous infrared galaxies. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 22-28	4.3	58
217	How Assessment Methods Can Support Solid Waste Management in Developing Countries—A Critical Review. *Sustainability*, **2014**, 6, 545-570	3.6	57
216	The JCMT Nearby Galaxies Legacy Survey – 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	4.3	57

215	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	4.3	57
214	Mid-infrared spectroscopy of infrared-luminous galaxies atz~ 0.5-3. *Monthly Notices of the Royal Astronomical Society*, **2009**, 395, 1695-1722	4.3	57
213	Star formation inHerschel's Monsters versus semi-analytic models. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 3419-3426	4.3	56
212	Herschel Multitiered Extragalactic Survey: clusters of dusty galaxies uncovered by Herschel? and Planck *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 1193-1211	4.3	56
211	Supernova rates from the SUDARE VST-OmegaCAM search. *Astronomy and Astrophysics*, **2015**, 584, A62	5.1	55
210	Energy audit in small wastewater treatment plants: methodology, energy consumption indicators, and lessons learned. *Water Science and Technology*, **2015**, 72, 1007-15	2.2	54
209	Einstein and Debye models for EXAFS parallel and perpendicular mean-square relative displacements. *Journal of Synchrotron Radiation*, **2006**, 13, 321-5	2.4	54
208	DYNAMICAL STRUCTURE OF THE MOLECULAR INTERSTELLAR MEDIUM IN AN EXTREMELY BRIGHT, MULTIPLY LENSED z ? 3 SUBMILLIMETER GALAXY DISCOVERED WITH HERSCHEL. *Astrophysical Journal Letters*, **2011**, 733, L12	7.9	53
207	Radial distribution of gas and dust in spiral galaxies. *Astronomy and Astrophysics*, **2010**, 518, L72	5.1	53
206	TheHerschelExploitation of Local Galaxy Andromeda (HELGA). *Astronomy and Astrophysics*, **2012**, 546, A34	5.1	53
205	MID-INFRARED SPECTROSCOPY OF CANDIDATE ACTIVE GALACTIC NUCLEI-DOMINATED SUBMILLIMETER GALAXIES. *Astrophysical Journal*, **2010**, 713, 503-519	4.7	51
204	The HerMES SPIRE submillimeter local luminosity function. *Astronomy and Astrophysics*, **2010**, 518, L20	5.1	51
203	A new EXAFS investigation of local structural changes in amorphous and crystalline GeO(2) at high pressure. *Journal of Physics Condensed Matter*, **2009**, 21, 145403	1.8	50
202	The SCUBA Half-Degree Extragalactic Survey (SHADES) VIII. The nature of faint submillimetre galaxies in SHADES, SWIRE and SXDF surveys. *Monthly Notices of the Royal Astronomical Society*, **2008**, 387, 247-267	4.3	50
201	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THEHERSCHELWIDE AREA SURVEYS. *Astrophysical Journal*, **2016**, 823, 17	4.7	49
200	Cardiac troponin I and Q-wave perioperative myocardial infarction after coronary artery bypass surgery. *Critical Care Medicine*, **1998**, 26, 1986-90	1.4	49
199	Herschel-SPIRE, far-infrared properties of millimetre-bright and -faint radio galaxies. *Monthly Notices of the Royal Astronomical Society: Letters*, **2010**, 409, L13-L18	4.3	47
198	Herschelphotometric observations of the nearby low metallicity irregular galaxy NGC 6822. *Astronomy and Astrophysics*, **2010**, 518, L55	5.1	47

197	First results from HerMES on the evolution of the submillimetre luminosity function. *Astronomy and Astrophysics*, **2010**, 518, L23	5.1	47
196	HerMES: point source catalogues from Herschel-SPIRE observations II?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 444, 2870-2883	4.3	45
195	Negative thermal expansion in CuCl: An extended x-ray absorption fine structure study. *Physical Review B*, **2007**, 75,	3.3	45
194	The SCUBA Half Degree Extragalactic Survey (SHADES) IX. The environment, mass and redshift dependence of star formation. *Monthly Notices of the Royal Astronomical Society*, **2008**, 386, 1907-1921	4.3	44
193	GALAXY COUNTS AT 24 μm IN THE SWIRE FIELDS. *Astronomical Journal*, **2008**, 135, 1050-1056	4.9	44
192	The evolving relation between star formation rate and stellar mass in the VIDEO survey sincez=3. *Monthly Notices of the Royal Astronomical Society*, **2015**, 453, 2541-2558	4.3	42
191	Specific star formation and the relation to stellar mass from 0 . *Monthly Notices of the Royal Astronomical Society*, **2010**,	4.3	42
190	Herschel/HerMES: the X-ray-infrared correlation for star-forming galaxies at z~1. *Monthly Notices of the Royal Astronomical Society*, **2011**, 417, 2239-2252	4.3	41
189	Cold dust and young starbursts: spectral energy distributions of Herschel SPIRE sources from the HerMES survey?. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 2-11	4.3	41
188	HELP: modelling the spectral energy distributions of Herschel detected galaxies in the ELAIS N1 field. *Astronomy and Astrophysics*, **2018**, 620, A50	5.1	41
187	The dust morphology of the elliptical Galaxy M 86 with SPIRE. *Astronomy and Astrophysics*, **2010**, 518, L45	5.1	40
186	Agricultural waste as household fuel: techno-economic assessment of a new rice-husk cookstove for developing countries. *Waste Management*, **2013**, 33, 2762-70	8.6	39
185	Revised SWIRE photometric redshifts. *Monthly Notices of the Royal Astronomical Society*, **2013**, 428, 1958-1967	4.9	39
184	Observation of H2O in a strongly lensedHerschel-ATLAS source atz= 2.3. *Astronomy and Astrophysics*, **2011**, 530, L3	5.1	39
183	PHOTOMETRY AND PHOTOMETRIC REDSHIFT CATALOGS FOR THE LOCKMAN HOLE DEEP FIELD. *Astrophysical Journal, Supplement Series*, **2012**, 198, 1	8	37
182	REDSHIFT DETERMINATION AND CO LINE EXCITATION MODELING FOR THE MULTIPLY LENSED GALAXY HLSW-01. *Astrophysical Journal*, **2011**, 733, 29	4.7	36
181	Negative thermal expansion in crystals with the delafossite structure: An extended x-ray absorption fine structure study of CuScO2 and CuLaO2. *Physical Review B*, **2009**, 79,	3.3	36
180	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	5.1	35

179	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	4.3	35
178	Galaxy evolution from deep multi-wavelength infrared surveys: a prelude toHerschel. *Astronomy and Astrophysics*, **2010**, 517, A74	5.1	35
177	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	4.3	34
176	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	2.3	34
175	Benchmarking of energy consumption in municipal wastewater treatment plants - a survey of over 200 plants in Italy. *Water Science and Technology*, **2018**, 77, 2242-2252	2.2	33
174	The XMM-SERVS survey: new XMM Newton point-source catalogue for the XMM-LSS field. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 2132-2163	4.3	32
173	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, 151-9	2.1	32
172	HERSCHEL OBSERVATIONS OF FAR-INFRARED COOLING LINES IN INTERMEDIATE REDSHIFT (ULTRA)-LUMINOUS INFRARED GALAXIES. *Astrophysical Journal Letters*, **2014**, 781, L15	7.9	31
171	Mapping the interstellar medium in galaxies withHerschel/SPIRE. *Astronomy and Astrophysics*, **2010**, 518, L62	5.1	31
170	Herschelphotometric observations of the low metallicity dwarf galaxy NGC 1705. *Astronomy and Astrophysics*, **2010**, 518, L58	5.1	31
169	The Lockman Hole Project: new constraints on the sub-mJy source counts from a wide-area 1.4 GHz mosaic. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 4548-4565	4.3	31
168	The HerMES submillimetre local and low-redshift luminosity functions. *Monthly Notices of the Royal Astronomical Society*, **2016**, 456, 1999-2023	4.3	30
167	Linking the X-ray and infrared properties of star-forming galaxies at z *Monthly Notices of the Royal Astronomical Society*, **2014**, 443, 3728-3740	4.3	30
166	Reversal of malignant phenotype in human osteosarcoma cells transduced with the alkaline phosphatase gene. *Bone*, **2000**, 26, 215-20	4.7	30
165	HELP: a catalogue of 170 million objects, selected at 0.36 4.5 m, from 1270 deg2 of prime extragalactic fields. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 634-656	4.3	29
164	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 ~700 Galaxies at z = 0.5 . *Astrophysical Journal, Supplement Series*, **2019**, 244, 40	8	29
163	The temperature dependence of the far-infrared adio correlation in the Herschel-ATLAS?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 2232-2243	4.3	29
162	MAGPHYS+photo-z: Constraining the Physical Properties of Galaxies with Unknown Redshifts. *Astrophysical Journal*, **2019**, 882, 61	4.7	28

161	The AGN content in luminous infrared galaxies at z~ 2 from a global SED analysis including Herschel data. *Monthly Notices of the Royal Astronomical Society*, **2012**, 423, 1909-1920	4.3	28
160	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	4.3	27
159	Testing the starburst/AGN connection with SWIRE X-ray/70 μm sources. *Monthly Notices of the Royal Astronomical Society*, **2009**, 399, 663-670	4.3	27
158	The European Large Area ISO Survey - IX. The 90-μm luminosity function from the Final Analysis sample. *Monthly Notices of the Royal Astronomical Society*, **2004**, 355, 813-818	4.3	27
157	THE COMPLEX PHYSICS OF DUSTY STAR-FORMING GALAXIES AT HIGH REDSHIFTS AS REVEALED BYHERSCHELANDSPITZER. *Astrophysical Journal*, **2013**, 762, 108	4.7	26
156	HerMES: LYMAN BREAK GALAXIES INDIVIDUALLY DETECTED AT 0.7 ? z ? 2.0 IN GOODS-N WITH HERSCHEL /SPIRE. *Astrophysical Journal Letters*, **2011**, 734, L12	7.9	26
155	Herschel-SPIRE observations of the disturbed galaxy NGC 4438. *Astronomy and Astrophysics*, **2010**, 518, L63	5.1	26
154	The star-formation history of the Universe with the SKA **2015**,		26
153	Negative thermal expansion in crystals with the zincblende structure: an EXAFS study of CdTe. *Journal of Physics Condensed Matter*, **2012**, 24, 115403	1.8	25
152	HerMES: SPIRE emission from radio-selected active galactic nuclei?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 413, 1777-1786	4.3	25
151	The exstrophy-epispadias complex: is aesthetic appearance important?. *BJU International*, **2004**, 93, 1062-8	2.8	25
150	The VLA-COSMOS 3 GHz Large Project: Evolution of Specific Star Formation Rates out to z ~ 5. *Astrophysical Journal*, **2020**, 899, 58	4.7	25
149	Variability-selected active galactic nuclei in the VST-SUDARE/VOICE survey of the COSMOS field. *Astronomy and Astrophysics*, **2015**, 574, A112	5.1	24
148	HerMES: detection of cosmic magnification of submillimetre galaxies using angular cross-correlation?. *Monthly Notices of the Royal Astronomical Society*, **2011**, 414, 596-601	4.3	24
147	COSMIC EVOLUTION OF STAR FORMATION ENHANCEMENT IN CLOSE MAJOR-MERGER GALAXY PAIRS SINCEz= 1. *Astrophysical Journal*, **2012**, 760, 72	4.7	24
146	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, 1877-84	5.8	24
145	Evolution of the far-infrared luminosity functions in the Spitzer Wide-area Infrared Extragalactic Legacy Survey. *Monthly Notices of the Royal Astronomical Society*, **2013**, 428, 291-306	4.3	23
144	MODELING OF THE HERMES SUBMILLIMETER SOURCE LENSED BY A DARK MATTER DOMINATED FOREGROUND GROUP OF GALAXIES. *Astrophysical Journal*, **2011**, 738, 125	4.7	23

143	HerMES: Herschel-SPIRE observations of Lyman break galaxies. *Monthly Notices of the Royal Astronomical Society: Letters*, **2010**, 409, L7-L12	4.3	23
142	Continuous suture technique and impairment of the atrioventricular conduction after aortic valve replacement. *Journal of Cardiac Surgery*, **2000**, 15, 418-22; discussion 423	1.3	23
141	The galaxy□halo connection in the VIDEO survey at 0.5 Monthly Notices of the Royal Astronomical Society, **2016**, 459, 2618-2631	4.3	23
140	Herschel-SPIRE FTS spectroscopy of the carbon-rich objects AFGL□2688, AFGL□618, and NGC□7027. *Astronomy and Astrophysics*, **2010**, 518, L144	5.1	22
139	Local behaviour of negative thermal expansion materials. *Nuclear Instruments & Methods in Physics Research B*, **2006**, 246, 180-183	1.2	22
138	Properties of FIRBACK-ELAIS 175-□m sources in the ELAIS N2 region. *Monthly Notices of the Royal Astronomical Society*, **2005**, 361, 1352-1374	4.3	21
137	The LOFAR LBA Sky Survey. *Astronomy and Astrophysics*, **2021**, 648, A104	5.1	21
136	Structural changes in amorphous GeS2 at high pressure. *Physical Review B*, **2010**, 81,	3.3	20
135	A new noninvasive method for estimation of pulmonary arterial pressure in mitral stenosis. *American Journal of Cardiology*, **1991**, 68, 398-401	3	20
134	Quasars That Have Transitioned from Radio-quiet to Radio-loud on Decadal Timescales Revealed by VLASS and FIRST. *Astrophysical Journal*, **2020**, 905, 74	4.7	20
133	SUDARE-VOICE variability-selection of active galaxies in theChandraDeep Field South and the SERVS/SWIRE region. *Astronomy and Astrophysics*, **2015**, 579, A115	5.1	20
132	ULTRA STEEP SPECTRUM RADIO SOURCES IN THE LOCKMAN HOLE:SERVSIDENTIFICATIONS AND REDSHIFT DISTRIBUTION AT THE FAINTEST RADIO FLUXES. *Astrophysical Journal*, **2011**, 743, 122	4.7	19
131	On the origin of M81 group extended dust emission. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 102-108	4.3	19
130	HELP: The Herschel Extragalactic Legacy Project and The Coming of Age of Multi-wavelength Astrophysics. *Thirty Years of Astronomical Discovery With UKIRT*, **2016**, 71-77	0.3	19
129	Extreme submillimetre starburst galaxies. *Astronomy and Astrophysics*, **2018**, 619, A169	5.1	19
128	An Application of Multi-band Forced Photometry to One Square Degree of SERVS: Accurate Photometric Redshifts and Implications for Future Science. *Astrophysical Journal, Supplement Series* , **2017**, 230, 9	8	18
127	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	4.3	18
126	?Pressure-induced Fe<->Cu cationic valence exchange and its structural consequences: High-pressure studies of delafossite CuFeO2. *Physical Review B*, **2010**, 81,	3.3	18

125	Final analysis of ELAIS 15-fn observations: method, reduction and catalogue. *Monthly Notices of the Royal Astronomical Society*, **2005**, 358, 397-418	4.3	18
124	The LOFAR Two-metre Sky Survey (LoTSS). V. Second data release. *Astronomy and Astrophysics*,	5.1	18
123	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	5.4	17
122	The SCUBA HAlf Degree Extragalactic Survey (SHADES) - V. Submillimetre properties of near-infrared-selected galaxies in the Subaru/XMM-Newton deep field. *Monthly Notices of the Royal Astronomical Society*, **2007**, 381, 1154-1168	4.3	17
121	HerMES: THE FAR-INFRARED EMISSION FROM DUST-OBSCURED GALAXIES. *Astrophysical Journal*, **2013**, 775, 61	4.7	16
120	COSMOS2020: A Panchromatic View of the Universe to z ~ 10 from Two Complementary Catalogs. *Astrophysical Journal, Supplement Series*, **2022**, 258, 11	8	16
119	Groundwater Prediction Using Machine-Learning Tools. *Algorithms*, **2020**, 13, 300	1.8	16
118	Red, redder, reddest: SCUBA-2 imaging of colour-selected Herschel sources. *Monthly Notices of the Royal Astronomical Society*, **2018**, 477, 1099-1119	4.3	15
117	An Overview of the Dwarf Galaxy Survey (PASP, 125, 600, [2013])Corrigendum. *Publications of the Astronomical Society of the Pacific*, **2014**, 126, 1079-1080	5	15
116	HerMES: A STATISTICAL MEASUREMENT OF THE REDSHIFT DISTRIBUTION OF HERSCHEL-SPIRE SOURCES USING THE CROSS-CORRELATION TECHNIQUE. *Astrophysical Journal*, **2012**, 753, 23	4.7	15
115	HerMES: SPIRE detection of high-redshift massive compact galaxies in GOODS-N field. *Monthly Notices of the Royal Astronomical Society: Letters*, **2010**, 409, L19-L24	4.3	15
114	The JCMT Nearby Galaxies Legacy Survey - IV. Velocity dispersions in the molecular interstellar medium in spiral galaxies. *Monthly Notices of the Royal Astronomical Society*, **2010**, no-no	4.3	15
113	Tracing the Evolution of Dust Obscured Star Formation and Accretion Back to the Reionisation Epoch with SPICA. *Publications of the Astronomical Society of Australia*, **2017**, 34,	5.5	14
112	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Definition and Goals (PASP, 124, 714, [2012]). *Publications of the Astronomical Society of the Pacific*, **2012**, 124, 1135-1136	5	14
111	CLUSTERING OF STAR-FORMING GALAXIES DETECTED IN MID-INFRARED WITH THESPITZERWIDE-AREA SURVEY. *Astrophysical Journal*, **2012**, 751, 126	4.7	14
110	EXAFS studies of negative thermal expansion materials. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2497-2503	1.3	14
109	Mid-infrared sources in the ELAIS Deep X-ray Survey. *Monthly Notices of the Royal Astronomical Society*, **2004**, 355, 97-105	4.3	14
108	Supernova rates from the SUDARE VST-Omegacam search II. Rates in a galaxy sample. *Astronomy and Astrophysics*, **2017**, 598, A50	5.1	14

107	A Comparison of Photometric Redshift Techniques for Large Radio Surveys. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 108004	5	13
106	A new approach to multiwavelength associations of astronomical sources. *Monthly Notices of the Royal Astronomical Society*, **2009**, 400, 1062-1074	4.3	13
105	FIRBACK. *Astronomy and Astrophysics*, **2005**, 440, 5-22	5.1	13
104	Deep GMRT 610 MHz observations of the ELAIS N1 field: catalogue and source counts. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 1127-1145	4.3	13
103	SCUBA-2 observations of candidate starbursting protoclusters selected by Planck and Herschel-SPIRE. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 3840-3859	4.3	12
102	Herschel-ATLAS: statistical properties of Galactic cirrus in the GAMA-9 Hour Science Demonstration Phase Field. *Monthly Notices of the Royal Astronomical Society*, **2011**, no-no	4.3	12
101	The central region of spiral galaxies as seen byHerschel. *Astronomy and Astrophysics*, **2010**, 518, L64	5.1	12
100	High pressure transition in amorphous As(2)S(3) studied by EXAFS. *Journal of Chemical Physics*, **2009**, 131, 224502	3.9	12
99	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 4939-4952	4.3	12
98	Infrared luminosity functions and dust mass functions in the EAGLE simulation. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 2912-2924	4.3	11
97	Unbiased Large Spectroscopic Surveys of Galaxies Selected by SPICA Using Dust Bands. *Publications of the Astronomical Society of Australia*, **2017**, 34,	5.5	11
96	THE HOST GALAXIES OF MICRO-JANSKY RADIO SOURCES. *Astronomical Journal*, **2015**, 150, 87	4.9	11
95	Constraints to healthcare waste treatment in low-income countries - a case study from Somaliland. *Waste Management and Research*, **2012**, 30, 572-5	4	11
94	Large-scale structure in the ELAIS S1 Survey. *Monthly Notices of the Royal Astronomical Society*, **2004**, 352, 44-48	4.3	11
93	The European Large AreaISOSurvey: optical identifications of 15-fm and 1.4-GHz sources in N1 and N2. *Monthly Notices of the Royal Astronomical Society*, **2005**, 358, 333-340	4.3	11
92	A wide-area GMRT 610-MHz survey of ELAIS N1 field. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 5383-5394	4.3	11
91	The Stripe 82 1[illegible]GHz Very Large Array Snapshot Survey: multiwavelength counterparts. *Monthly Notices of the Royal Astronomical Society*, **2018**, 480, 707-721	4.3	11
90	The nature of the faint low-frequency radio source population. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 1156-1168	4.3	10

89	The faint radio source population at 15.7 GHz II. Multi-wavelength properties. *Monthly Notices of the Royal Astronomical Society*, **2015**, 453, 4245-4264	4.3	10
88	Detailed modelling of a large sample of Herschel sources in the Lockman Hole: identification of cold dust and of lensing candidates through their anomalous SEDs?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 3848-3861	4.3	10
87	THESPITZEREXTRAGALACTIC REPRESENTATIVE VOLUME SURVEY: THE ENVIRONMENTS OF HIGH-zSDSS QUASI-STELLAR OBJECTS. *Astrophysical Journal*, **2011**, 735, 123	4.7	10
86	MIGHTEE: are giant radio galaxies more common than we thought?. *Monthly Notices of the Royal Astronomical Society*, **2021**, 501, 3833-3845	4.3	10
85	Cosmic evolution of star-forming galaxies to z ? 1.8 in the faint low-frequency radio source population. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 5911-5924	4.3	9
84	Clustering of galaxies at 3.6 m in the Spitzer Wide-area Infrared Extragalactic legacy survey. *Monthly Notices of the Royal Astronomical Society*, **2007**, 381, 1437-1449	4.3	9
83	HELP: the Herschel Extragalactic Legacy Project. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 129-155	4.3	9
82	Finding bright z 6.6 Ly emitters with lensing: prospects for Euclid. *Monthly Notices of the Royal Astronomical Society*, **2017**, 470, 5007-5013	4.3	8
81	The AGN fraction of submm-selected galaxies and contributions to the submm/mm-wave extragalactic background light. *Astronomy and Astrophysics*, **2010**, 514, A10	5.1	8
80	HerMES: The submillimeter spectral energy distributions ofHerschel/SPIRE-detected galaxies. *Astronomy and Astrophysics*, **2010**, 518, L32	5.1	8
79	Potentiating effect of galanin on GHRH-induced GH release. Comparison between old and young subjects. *Hormone and Metabolic Research*, **1996**, 28, 101-4	3.1	8
78	A study of the 15- m quasars in the ELAIS N1 and N2 fields. *Monthly Notices of the Royal Astronomical Society*, **2004**, 354, 961-970	4.3	8
77	The effect of captopril on peripheral hemodynamics in patients with essential hypertension: comparison between oral and sublingual administration. *Cardiovascular Drugs and Therapy*, **1990**, 4, 751-4	3.9	8
76	Ascending aortic false aneurysm following cannulation for perfusion. *Thorax*, **1976**, 31, 234-7	7.3	8
75	A population of extreme mid-to-near-infrared sources: Obscured AGN and dusty starbursts. *Astronomy and Astrophysics*, **2004**, 427, 795-801	5.1	8
74	Photometric redshifts for galaxies in the Spitzer Extragalactic Representative Volume Survey (SERVS). *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 3168-3195	4.3	8
73	HELP: star formation as a function of galaxy environment withHerschel. *Monthly Notices of the Royal Astronomical Society*, **2016**, 462, 277-289	4.3	7
72	THE SPITZER -IRAC/MIPS EXTRAGALACTIC SURVEY (SIMES) IN THE SOUTH ECLIPTIC POLE FIELD. *Astrophysical Journal, Supplement Series*, **2016**, 223, 1	8	7

71	Optically variable AGN in the three-year VST survey of the COSMOS field. *Astronomy and Astrophysics*, **2019**, 627, A33	5.1	7
70	SPITZERIMAGING OF STRONGLY LENSEDHERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. *Astrophysical Journal*, **2015**, 814, 17	4.7	7
69	A pilot study for the SCUBA-2 All-Sky Survey. *Monthly Notices of the Royal Astronomical Society*, **2011**, 415, 1950-1960	4.3	7
68	The Deep SPIRE HerMES Survey: spectral energy distributions and their astrophysical indications at high redshift. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 66-74	4.3	7
67	Cigarette smoking and pauci-immune extracapillary glomerulonephritis with ANCA-associated idiopathic systemic vasculitis. A retrospective study. *Contributions To Nephrology*, **2000**, 130, 103-8	1.6	7
66	Polypropylene suture fracture. *Annals of Thoracic Surgery*, **1985**, 39, 400	2.7	7
65	HerMES: disentangling active galactic nuclei and star formation in the radio source population. *Monthly Notices of the Royal Astronomical Society*, **2015**, 452, 4111-4127	4.3	6
64	Spectroscopic follow-up of 70-m sources in Spitzer Wide-area Infrared Extragalactic Legacy Survey. *Monthly Notices of the Royal Astronomical Society*, **2011**, 415, 1738-1750	4.3	6
63	EXAFS studies of lattice dynamics and thermal expansion. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 3085-3088		6
62	The MeerKAT International GHz Tiered Extragalactic Exploration (MIGHTEE) Survey **2018**,		6
61	CNN architecture comparison for radio galaxy classification. *Monthly Notices of the Royal Astronomical Society*, **2021**, 503, 1828-1846	4.3	6
60	All-sky visible and near infrared space astrometry. *Experimental Astronomy*, **2021**, 51, 783	1.3	6
59	Automated cross-identifying radio to infrared surveys using the lrpy algorithm: a case study. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 4523-4537	4.3	6
58	Spectroscopic confirmation and modelling of two lensed quadruple quasars in the Dark Energy Survey public footprint. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 5086-5095	4.3	5
57	The far-infrared radio correlation in MS0451-03. *Monthly Notices of the Royal Astronomical Society*, **2015**, 447, 168-177	4.3	5
56	The SCUBA-2 Ambitious Sky Survey: a catalogue of beam-sized sources in the Galactic longitude range 120 140 *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 250-260	4.3	5
55	Thermal effects on EXAFS: Ensemble averages and real-space approach. *Physical Review B*, **2005**, 72,	3.3	5
54	IgA nephropathy complicating diabetic glomerulosclerosis. *Nephron*, **1998**, 80, 488-9	3.3	5

53	Acute and chronic nitrendipine administration in essential hypertension: a chronobiologic study. *Journal of Cardiovascular Pharmacology*, **1992**, 19 Suppl 2, S49-52	3.1	5
52	NUDENS: A Nilsson-Bardeen-Cooper-Schrieffer code at finite nuclear temperature. *Computer Physics Communications*, **1983**, 29, 375-390	4.2	5
51	New constraints on the 1.4 GHz source number counts and luminosity functions in the Lockman Hole field. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 22-33	4.3	5
50	A Spitzer survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 892-910	4.3	5
49	The development of environmental visions and strategies at the municipal level: Case studies from the county of Östergötland in Sweden. *Journal of Environmental Management*, **2016**, 179, 76-82	7.9	5
48	Weak-lensing study in VOICE survey II. Shear measurement. *Monthly Notices of the Royal Astronomical Society*, **2018**, 479, 3858-3872	4.3	5
47	Radio spectral properties of star-forming galaxies in the MIGHTEE-COSMOS field and their impact on the far-infrared-radio correlation. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 2643-2658	4.3	5
46	Extending the variability selection of active galactic nuclei in the W-CDF-S and SERVS/SWIRE region. *Astronomy and Astrophysics*, **2020**, 634, A50	5.1	4
45	Negative thermal expansion and local dynamics. *Journal of Physics: Conference Series*, **2009**, 190, 012025	0.3	4
44	Storage-ring FEL amplifiers and electron beam longitudinal mode-damping times. *Physical Review E*, **1998**, 57, 7153-7161	2.4	4
43	Exploring AGN Activity over Cosmic Time with the SKA **2015**,		4
42	Revealing the cold dust in low-metallicity environments(Corrigendum). *Astronomy and Astrophysics*, **2015**, 573, C1	5.1	4
41	The Role of Environment in Galaxy Evolution in the SERVS Survey. I. Density Maps and Cluster Candidates. *Astrophysical Journal*, **2020**, 889, 185	4.7	3
40	TheSpitzer-IRAC/MIPS Extragalactic Survey (SIMES). II. Enhanced Nuclear Accretion Rate in Galaxy Groups atz~ 0.2. *Astrophysical Journal*, **2018**, 857, 64	4.7	3
39	Water monitoring and treatment for drinking purposes in 2004 tsunami affected area-Ban Nam Khem, Phang Nga, Thailand. *Environmental Monitoring and Assessment*, **2008**, 147, 191-8	3.1	3
38	Evaluation of drinking water treatment and quality in Takua Pa, Thailand. *Environmental Monitoring and Assessment*, **2008**, 142, 345-58	3.1	3
37	The SKA view of the Interplay between SF and AGN Activity and its role in Galaxy Evolution **2015**,		3
36	Mass balance of emerging organic micropollutants in a small wastewater treatment plant **2012**,		3

35	The evolution of the low-frequency radio AGN population to z⪆ 1.5 in the ELAIS N1 field. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 4685-4702	4.3	3
34	Weak Lensing Study in VOICE Survey II: Shear Bias Calibrations. *Monthly Notices of the Royal Astronomical Society*, **2018**,	4.3	3
33	ON THE NATURE OF THE FIRST GALAXIES SELECTED AT 350 μm. *Astrophysical Journal*, **2009**, 706, 319-327	4.7	2
32	Local lattice dynamics and negative thermal expansion in crystals. *Journal of Physics: Conference Series*, **2007**, 92, 012153	0.3	2
31	The Spitzer Data Fusion: Contents, Construction and Applications to Galaxy Evolution Studies **2016**,		2
30	Effect of the environment on star formation activity and stellar mass for star-forming galaxies in the COSMOS field. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 948-956	4.3	2
29	Basic Statistical Estimation Outperforms Machine Learning in Monthly Prediction of Seasonal Climatic Parameters. *Atmosphere*, **2021**, 12, 539	2.7	2
28	Deep Extragalactic VIsible Legacy Survey (DEVILS): consistent multiwavelength photometry for the DEVILS regions (COSMOS, XMMLSS, and ECDFS). *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 256-287	4.3	2
27	A New Search for Variability-Selected Active Galaxies Within the VST SUDARE-VOICE Survey: The Chandra Deep Field South and the SERVS-SWIRE Area. *Thirty Years of Astronomical Discovery With UKIRT*, **2016**, 275-279	0.3	2
26	A Multi-band Forced-photometry Catalog in the ELAIS-S1 Field. *Research Notes of the AAS*, **2021**, 5, 31	0.8	2
25	A Subarcsecond Near-infrared View of Massive Galaxies at z > 1 with Gemini Multi-conjugate Adaptive Optics. *Astrophysical Journal*, **2018**, 864, 8	4.7	2
24	EXAFS and negative thermal expansion in CdTe. *Journal of Physics: Conference Series*, **2009**, 190, 012066	0.3	1
23	The Formation & Evolution of Galaxies making up the CIRB: FIR/Submm Extragalactic Surveys from Dome C. *EAS Publications Series*, **2008**, 33, 183-192	0.2	1
22	Exchange-correlation effects on the electronic stopping power of slow protons in metals. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1996**, 18, 69-74		1
21	Lenses In VoicE (LIVE): searching for strong gravitational lenses in the VOICE@VST survey using convolutional neural networks. *Monthly Notices of the Royal Astronomical Society*,	4.3	1
20	First Results from Supernova Diversity and Rate Evolution (SUDARE) Survey at VST. *Thirty Years of Astronomical Discovery With UKIRT*, **2016**, 197-201	0.3	1
19	Variability-Selected AGNs in the VST-SUDARE Survey of the COSMOS Field. *Thirty Years of Astronomical Discovery With UKIRT*, **2016**, 269-274	0.3	1
18	Submillimetre photometry of 323 nearby galaxies from theHerschelReference Survey(Corrigendum). *Astronomy and Astrophysics*, **2013**, 550, C1	5.1	1

17	SCUBA-2 overdensities associated with candidate protoclusters selected from Planck data. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 5985-5991	4.3	1
16	Variability and transient search in the SUDARE VOICE field: a new method to extract the light curves. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 3825-3837	4.3	1
15	Photometric Redshifts in the W-CDF-S and ELAIS-S1 Fields Based on Forced Photometry from 0.36 to 4.5 Microns. *Research Notes of the AAS*, **2021**, 5, 56	0.8	1
14	The bright end of the infrared luminosity functions and the abundance of hyperluminous infrared galaxies. *Astronomy and Astrophysics*, **2021**, 648, A8	5.1	1
13	A random forest-based selection of optically variable AGN in the VST-COSMOS field. *Astronomy and Astrophysics*, **2021**, 645, A103	5.1	1
12	The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields. *Astrophysical Journal, Supplement Series*, **2021**, 256, 21	8	1
11	Rainfall Prediction Using Machine Learning Models: Literature Survey. *Studies in Computational Intelligence*, **2022**, 75-108	0.8	0
10	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at z > 0.5. *Astrophysical Journal Letters*, **2022**, 931, L7	7.9	0
9	Resolving the FIR/SMM Cosmic Background and thus Studying the High-Redshift Universe from Concordia Station. *EAS Publications Series*, **2010**, 40, 429-436	0.2	
8	Cosmological Surveys in the FIR/Sub-mm. *EAS Publications Series*, **2010**, 40, 417-427	0.2	
7	Multi-wavelength Studies of Cluster Star Forming Galaxies at z~0.54. *Proceedings of the International Astronomical Union*, **2012**, 8, 337-337	0.1	
6	Powerful quasars with young jets in multi-epoch radio surveys. *Astronomische Nachrichten*, **2021**, 342, 1146	0.7	
5	Final Analysis of ELAIS 15 h Fields **2004**, 177-180		
4	Environmental effects on star formation main sequence in the COSMOS field. *Proceedings of the International Astronomical Union*, **2019**, 15, 339-341	0.1	
3	Algebraic Coupled-Channels Formalism for Heavy Ions near the Coulomb Barrier. *Lecture Notes in Physics*, **1997**, 255-272	0.8	
2	Ultra Steep Spectrum Radio Sources in the Lockman Hole: SERVS Identifications and Redshift Distribution at the Faintest Radio Fluxes. *Thirty Years of Astronomical Discovery With UKIRT*, **2012**, 97-100	0.3	
1	Identification of Single Spectral Lines in Large Spectroscopic Surveys Using UMLAUT: an Unsupervised Machine-learning Algorithm Based on Unbiased Topology. *Astrophysical Journal, Supplement Series*, **2021**, 257, 67	8	