

Brad K Gibson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

297
papers

20,456
citations

70
h-index

133
g-index

304
ext. papers

21,576
ext. citations

5.1
avg, IF

6.02
L-index

#	Paper	IF	Citations
297	A Large-scale Approach to Modeling Molecular Biosignatures: The Diatomics. <i>Astrophysical Journal</i> , 2022 , 925, 57	4.7	
296	Radioactive nuclei in the early Solar system: analysis of the 15 isotopes produced by core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 886-902	4.3	3
295	Merger Histories and Environments of Dwarf AGN in IllustrisTNG. <i>Astrophysical Journal</i> , 2021 , 922, 127	4.7	1
294	The Horizon Run 5 Cosmological Hydrodynamical Simulation: Probing Galaxy Formation from Kilo- to Gigaparsec Scales. <i>Astrophysical Journal</i> , 2021 , 908, 11	4.7	16
293	Explaining the chemical trajectories of accreted and in-situ halo stars of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 2645-2651	4.3	4
292	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , 2020 , 160, 83	4.9	26
291	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , 2020 , 160, 82	4.9	26
290	The R-Process Alliance: Fourth Data Release from the Search for R-process-enhanced Stars in the Galactic Halo. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 249, 30	8	23
289	The R-Process Alliance: Discovery of a Low-r-process-enhanced Metal-poor Star in the Galactic Halo. <i>Astrophysical Journal</i> , 2019 , 874, 148	4.7	11
288	Galactic Chemical Evolution of Radioactive Isotopes. <i>Astrophysical Journal</i> , 2019 , 878, 156	4.7	18
287	Single-lined Spectroscopic Binary Star Candidates from a Combination of the RAVE and Gaia DR2 Surveys. <i>Astronomical Journal</i> , 2019 , 158, 155	4.9	5
286	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 185-197	4.3	4
285	Metallicity gradient of the thick disc progenitor at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 867-878	4.3	12
284	Improved distances and ages for stars common to TGAS and RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 5279-5300	4.3	23
283	Coma Berenices: The First Evidence for Incomplete Vertical Phase-mixing in Local Velocity Space with RAVE Confirmed with Gaia DR2. <i>Research Notes of the AAS</i> , 2018 , 2, 32	0.8	14
282	The Origin of the Milky Way's Halo Age Distribution. <i>Astrophysical Journal Letters</i> , 2018 , 859, L7	7.9	12
281	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. <i>Astrophysical Journal</i> , 2018 , 868, 110	4.7	58

280	Correlations between age, kinematics, and chemistry as seen by the RAVE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 5612-5624	4.3	11
279	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , 2017 , 153, 75	4.9	334
278	The RAVE-on Catalog of Stellar Atmospheric Parameters and Chemical Abundances for Chemo-dynamic Studies in theGaiaEra. <i>Astrophysical Journal</i> , 2017 , 840, 59	4.7	56
277	CHROMOSPHERICALLY ACTIVE STARS IN THE RAVE SURVEY. II. YOUNG DWARFS IN THE SOLAR NEIGHBORHOOD. <i>Astrophysical Journal</i> , 2017 , 835, 61	4.7	17
276	Impacts of a flaring star-forming disc and stellar radial mixing on the vertical metallicity gradient. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 702-712	4.3	32
275	Galaxy chemical evolution models: the role of molecular gas formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 305-318	4.3	8
274	The selection function of the RAVE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 3368-3380	4.3	29
273	The role of gas infall in the evolution of disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1329-1340	4.3	21
272	The evolution of the oxygen abundance radial gradient in the Milky Way Galaxy disk. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 245-253	0.1	
271	On the evolution of simulated galaxies: the mass dependence in metallicity gradients. <i>Proceedings of the International Astronomical Union</i> , 2016 , 11, 302-302	0.1	
270	Are U-shaped age profiles a universal feature in spiral galaxies?. <i>Proceedings of the International Astronomical Union</i> , 2016 , 11, 133-133	0.1	
269	Properties of the outer regions of spiral disks: abundances, colors and ages. <i>Proceedings of the International Astronomical Union</i> , 2016 , 11, 102-104	0.1	
268	New quasars behind the Magellanic Clouds. Spectroscopic confirmation of near-infrared selected candidates. <i>Astronomy and Astrophysics</i> , 2016 , 588, A93	5.1	9
267	Chemical separation of disc components using RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 4246-4255	4.3	32
266	THE IMPRINTS OF THE GALACTIC BAR ON THE THICK DISK WITH RAVE. <i>Astrophysical Journal Letters</i> , 2015 , 800, L32	7.9	16
265	CARBON-RICH PRESOLAR GRAINS FROM MASSIVE STARS: SUBSOLAR 12 C/ 13 C AND 14 N/ 15 N RATIOS AND THE MYSTERY OF 15 N. <i>Astrophysical Journal Letters</i> , 2015 , 808, L43	7.9	46
264	Galactic chemical evolution: stellar yields and the initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 3693-3708	4.3	43
263	Simple and accurate modelling of the gravitational potential produced by thick and thin exponential discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 2934-2940	4.3	41

262	Tracking Cluster Debris (TraCD) II. Dissolution of clusters and searching for the solar cradle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 4443-4457	4-3	2
261	Identification of globular cluster stars in RAVE data II. Application to stellar parameter calibration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 1229-1246	4-3	18
260	The rich are different: evidence from the RAVE survey for stellar radial migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 3526-3535	4-3	54
259	Characterizing the high-velocity stars of RAVE: the discovery of a metal-rich halo star born in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 2046-2058	4-3	41
258	Chemodynamics of a simulated disc galaxy: initial mass functions and Type Ia supernova progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 3845-3862	4-3	31
257	Constraining the Galaxy's dark halo with RAVE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 3133-3151	4-3	135
256	Early solar system. Stellar origin of the ^{235}U cosmochronometer and the presolar history of solar system matter. <i>Science</i> , 2014 , 345, 650-3	33-3	58
255	Interstellar medium. Pseudo-three-dimensional maps of the diffuse interstellar band at 862 nm. <i>Science</i> , 2014 , 345, 791-5	33-3	31
254	The RAVE survey: the Galactic escape speed and the mass of the Milky Way. <i>Astronomy and Astrophysics</i> , 2014 , 562, A91	5-1	197
253	A RAVE investigation on Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2014 , 562, A54	5-1	29
252	Spectroscopic signatures of extratidal stars around the globular clusters NGC 6656 (M 22), NGC 3201, and NGC 1851 from RAVE. <i>Astronomy and Astrophysics</i> , 2014 , 572, A30	5-1	32
251	Weighing the local dark matter with RAVE red clump stars. <i>Astronomy and Astrophysics</i> , 2014 , 571, A92	5-1	79
250	APASS LANDOLT-SLOANBVgriPHOTOMETRY OF RAVE STARS. I. DATA, EFFECTIVE TEMPERATURES, AND REDDENINGS. <i>Astronomical Journal</i> , 2014 , 148, 81	4-9	87
249	MaGICC baryon cycle: the enrichment history of simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 3809-3818	4-3	50
248	The $[\alpha/\text{Fe}]$ ratios of very metal-poor stars within the integrated galactic initial mass function theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 994-1008	4-3	11
247	Cloud angular momentum and effective viscosity in global SPH simulations with feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 3674-3685	4-3	3
246	Phase mixing due to the Galactic potential: steps in the position and velocity distributions of popped star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 3702-3717	4-3	10
245	Numerical simulations of bubble-induced star formation in dwarf irregular galaxies with a novel stellar feedback scheme. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 1208-1222	4-3	24

244	A NEW STELLAR CHEMO-KINEMATIC RELATION REVEALS THE MERGER HISTORY OF THE MILKY WAY DISK. <i>Astrophysical Journal Letters</i> , 2014 , 781, L20	7.9	65
243	KINEMATIC MODELING OF THE MILKY WAY USING THE RAVE AND GCS STELLAR SURVEYS. <i>Astrophysical Journal</i> , 2014 , 793, 51	4.7	96
242	The main sequence and the fundamental metallicity relation in MaGICC Galaxies: evolution and scatter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 1794-1804	4.3	31
241	The environmental dependence of neutral hydrogen in the gimic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 2530-2537	4.3	13
240	The role of feedback in shaping the structure of the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 525-531	4.3	15
239	Constraints on the Galactic bar from the Hercules stream as traced with RAVE across the Galaxy. <i>Astronomy and Astrophysics</i> , 2014 , 563, A60	5.1	86
238	Calibrating an updated smoothed particle hydrodynamics scheme within gcd+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 1968-1979	4.3	45
237	The relation between chemical abundances and kinematics of the Galactic disc with RAVE. <i>Astronomy and Astrophysics</i> , 2013 , 553, A19	5.1	43
236	In the thick of it: metal-poor disc stars in RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3231-3246	4.3	57
235	The wobbly Galaxy: kinematics north and south with RAVE red-clump giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 101-121	4.3	188
234	The Lowest Metallicity Stars in the LMC: Clues from MaGICC Simulations. <i>Publications of the Astronomical Society of Australia</i> , 2013 , 30,	5.5	1
233	DIFFUSE INTERSTELLAR BAND AT 8620 Å IN RAVE: A NEW METHOD FOR DETECTING THE DIFFUSE INTERSTELLAR BAND IN SPECTRA OF COOL STARS. <i>Astrophysical Journal</i> , 2013 , 778, 86	4.7	19
232	THE RADIAL VELOCITY EXPERIMENT (RAVE): FOURTH DATA RELEASE. <i>Astronomical Journal</i> , 2013 , 146, 134	4.9	255
231	The influence of ram pressure on the evolution of tidal dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 839-853	4.3	20
230	DECODING THE MESSAGE FROM METEORITIC STARDUST SILICON CARBIDE GRAINS. <i>Astrophysical Journal Letters</i> , 2013 , 768, L19	7.9	22
229	Constraining sub-grid physics with high-redshift spatially-resolved metallicity distributions. <i>Astronomy and Astrophysics</i> , 2013 , 554, A47	5.1	107
228	Chemical gradients in the Milky Way from the RAVE data. <i>Astronomy and Astrophysics</i> , 2013 , 559, A59	5.1	61
227	The asymmetric drift, the local standard of rest, and implications from RAVE data. <i>Astronomy and Astrophysics</i> , 2013 , 557, A92	5.1	25

226	The VMC Survey. <i>Astronomy and Astrophysics</i> , 2013 , 549, A29	5.1	15
225	Galactic constraints on supernova progenitor models. <i>Astronomy and Astrophysics</i> , 2013 , 557, A107	5.1	10
224	ramses-ch: a new chemodynamical code for cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012 , 424, L11-L15	4.3	32
223	The VMC survey - V. First results for classical Cepheids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 1807-1816	4.3	63
222	MaGICC discs: matching observed galaxy relationships over a wide stellar mass range. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 1275-1283	4.3	140
221	Kinematic groups beyond the solar neighbourhood with RAVE. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012 , 426, L1-L5	4.3	50
220	The distribution of metals in cosmological hydrodynamical simulations of dwarf disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 969-978	4.3	62
219	The halo shape and evolution of polar disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 1967-1979	4.3	17
218	magicc haloes: confronting simulations with observations of the circumgalactic medium at $z=0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 1270-1277	4.3	112
217	The properties of the local spiral arms from RAVE data: two-dimensional density wave approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 2335-2342	4.3	90
216	Thin disk kinematics from RAVE and the solar motion. <i>Astronomy and Astrophysics</i> , 2012 , 547, A71	5.1	30
215	Hierarchical formation of bulgeless galaxies - II. Redistribution of angular momentum via galactic fountains. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 771-779	4.3	134
214	The chemical evolution of globular clusters - II. Metals and fluorine. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 1376-1389	4.3	8
213	Thin disc, thick disc and halo in a simulated galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 690-700	4.3	135
212	EXPLORING THE MORPHOLOGY OF RAVE STELLAR SPECTRA. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 200, 14	8	44
211	The stellar metallicity distribution of disc galaxies and bulges in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 1401-1417	4.3	28
210	Metallicity gradients in disks. <i>Astronomy and Astrophysics</i> , 2012 , 540, A56	5.1	137
209	HALO EXPANSION IN COSMOLOGICAL HYDRO SIMULATIONS: TOWARD A BARYONIC SOLUTION OF THE CUSP/CORE PROBLEM IN MASSIVE SPIRALS. <i>Astrophysical Journal Letters</i> , 2012 , 744, L9	7.9	156

208	The Chemical and Dynamical Evolution of Isolated Dwarf Galaxies. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2012 , 47-54	0.3	2
207	Properties of simulated Milky Way-mass galaxies in loose group and field environments. <i>Astronomy and Astrophysics</i> , 2012 , 547, A63	5.1	41
206	Distance determination for RAVE stars using stellar models. <i>Astronomy and Astrophysics</i> , 2011 , 532, A113.1	3.1	49
205	THE DAWNING OF THE STREAM OF AQUARIUS IN RAVE. <i>Astrophysical Journal</i> , 2011 , 728, 102	4.7	51
204	OBSERVATIONAL PROPERTIES OF THE METAL-POOR THICK DISK OF THE MILKY WAY AND INSIGHTS INTO ITS ORIGINS. <i>Astrophysical Journal</i> , 2011 , 737, 9	4.7	85
203	METAL-POOR LITHIUM-RICH GIANTS IN THE RADIAL VELOCITY EXPERIMENT SURVEY. <i>Astrophysical Journal</i> , 2011 , 743, 107	4.7	47
202	A search for new members of the χ Pictoris, Tucana-Horologium and χ Cha moving groups in the RAVE data base. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 117-123	4.3	53
201	Local stellar kinematics from RAVE data - I. Local standard of rest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , no-no	4.3	65
200	Detection of a radial velocity gradient in the extended local disc with RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 412, 2026-2032	4.3	89
199	Testing formation mechanisms of the Milky Way's thick disc with RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 2235-2241	4.3	47
198	Star formation history of barred disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 709-731	4.3	111
197	Metallicity gradients of disc stars for a cosmologically simulated galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 1469-1478	4.3	20
196	Disc heating: comparing the Milky Way with cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 2652-2664	4.3	51
195	A comparison of galaxy group luminosity functions from semi-analytic models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 2798-2811	4.3	9
194	The cold gas content of bulgeless dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 2891-2898	4.3	20
193	Advanced morphological galaxy classification: a comparison of observed and simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 801-810	4.3	9
192	Hierarchical formation of bulgeless galaxies: why outflows have low angular momentum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 1051-1060	4.3	188
191	THE RAVE CATALOG OF STELLAR ELEMENTAL ABUNDANCES: FIRST DATA RELEASE. <i>Astronomical Journal</i> , 2011 , 142, 193	4.9	64

190	THE RADIAL VELOCITY EXPERIMENT (RAVE): THIRD DATA RELEASE. <i>Astronomical Journal</i> , 2011 , 141, 187	4.9	146
189	AN H I SURVEY OF SIX LOCAL GROUP ANALOGS. II. H I PROPERTIES OF GROUP GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 28	8	39
188	Measuring the Halo Mass Function in Loose Groups. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011 , 47-49	0.3	1
187	The VMC survey. <i>Astronomy and Astrophysics</i> , 2011 , 527, A116	5.1	201
186	Chemodynamical analysis of bulge stars for simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 401, 1826-1831	4.3	25
185	Galactic chemical evolution in hierarchical formation models - I. Early-type galaxies in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 402, 173-190	4.3	74
184	Structure, kinematics and chemical enrichment patterns after major gas-rich disc-disc mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 402, 1489-1503	4.3	39
183	DOUBLE-LINED SPECTROSCOPIC BINARY STARS IN THE RAVE SURVEY. <i>Astronomical Journal</i> , 2010 , 140, 184-195	4.9	26
182	Dynamics of substructures in warm dark-matter cosmologies. <i>EAS Publications Series</i> , 2010 , 44, 49-52	0.2	
181	Chemical Signature of Gas-rich disc-disc Mergers at high Redshift. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 250-254	0.1	
180	Distance determination for RAVE stars using stellar models. <i>Astronomy and Astrophysics</i> , 2010 , 511, A90	5.1	60
179	Distance determination for RAVE stars using stellar models. <i>Astronomy and Astrophysics</i> , 2010 , 522, A54	5.1	72
178	ORIGINS OF THE THICK DISK AS TRACED BY THE ALPHA ELEMENTS OF METAL-POOR GIANT STARS SELECTED FROM RAVE. <i>Astrophysical Journal Letters</i> , 2010 , 721, L92-L96	7.9	49
177	THE RAVE SURVEY: RICH IN VERY METAL-POOR STARS. <i>Astrophysical Journal Letters</i> , 2010 , 724, L104-L108	7.9	26
176	O and Na abundance patterns in open clusters of the Galactic disk. <i>Astronomy and Astrophysics</i> , 2009 , 500, L25-L28	5.1	51
175	RAVE spectroscopy of luminous blue variables in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2009 , 503, 511-520	5.1	17
174	Stellar and galactic environment survey (SAGE). <i>Astrophysics and Space Science</i> , 2009 , 320, 231-238	1.6	
173	Stellar And Galactic Environment survey (SAGE). <i>Experimental Astronomy</i> , 2009 , 23, 169-191	1.3	2

172	Are dry mergers dry, moist or wet?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 1264-1282	4.3	17
171	The chemical evolution of globular clusters - I. Reactive elements and non-metals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 719-735	4.3	44
170	The origin of the light distribution in spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 398, 591-606	4.3	121
169	GASS: THE PARKES GALACTIC ALL-SKY SURVEY. I. SURVEY DESCRIPTION, GOALS, AND INITIAL DATA RELEASE. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 181, 398-412	8	207
168	CARBON AND NITROGEN ABUNDANCES IN EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2009 , 691, L95-L98	4.7	11
167	Is the sky falling? Searching for stellar streams in the local Milky Way disc in the CORAVEL and RAVE surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 384, 11-32	4.3	59
166	The dynamics of subhaloes in warm dark matter models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 1029-1037	4.3	39
165	The chemical evolution of dwarf spheroidal galaxies: dissecting the inner regions and their stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 2173-2180	4.3	49
164	The anisotropic distribution of satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 390, 1133-1156	4.3	55
163	The evolution of carbon, sulphur and titanium isotopes from high redshift to the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 ,	4.3	6
162	Estimation of the tilt of the stellar velocity ellipsoid from RAVE and implications for mass models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 793-801	4.3	81
161	Hydrodynamical Adaptive Mesh Refinement Simulations of Disk Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2008 , 4, 445-452	0.1	2
160	The Magellanic Clouds as a Template for the Study of Stellar Populations and Galaxy Interactions. <i>Publications of the Astronomical Society of Australia</i> , 2008 , 25, 121-128	5.5	15
159	Fluorine Abundances in the Milky Way Bulge. <i>Astrophysical Journal</i> , 2008 , 679, L17-L20	4.7	27
158	THE RADIAL VELOCITY EXPERIMENT (RAVE): SECOND DATA RELEASE. <i>Astronomical Journal</i> , 2008 , 136, 421-451	4.9	193
157	Simulating the mass-metallicity relation from $z \sim 1$. <i>Astronomy and Astrophysics</i> , 2008 , 486, 711-720	5.1	14
156	Diffuse interstellar bands in RAVE survey spectra. <i>Astronomy and Astrophysics</i> , 2008 , 488, 969-973	5.1	37
155	High resolution science with high redshift galaxies. <i>Advances in Space Research</i> , 2008 , 41, 1965-1971	2.4	11

154	On the relation between the radial alignment of dark matter subhaloes and host mass in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008 , 386, L52-L56	4.3	21
153	The radial alignment of dark matter subhaloes: from simulations to observations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008 , 388, L34-L38	4.3	19
152	Galactic kinematics with RAVE data. <i>Astronomy and Astrophysics</i> , 2008 , 480, 753-765	5.1	61
151	The ghosts of galaxies past. <i>Scientific American</i> , 2007 , 296, 40-5	0.5	
150	The RAVE survey: constraining the local Galactic escape speed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 379, 755-772	4.3	466
149	Modelling the chemical evolution of η Centauri using three-dimensional hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 382, 443-454	4.3	28
148	The Spatial Distribution of the Galactic First Stars. II. Smoothed Particle Hydrodynamics Approach. <i>Astrophysical Journal</i> , 2007 , 661, 10-18	4.7	55
147	An HiSurvey of Six Local Group Analogs. I. Survey Description and the Search for High-Velocity Clouds. <i>Astrophysical Journal</i> , 2007 , 662, 959-968	4.7	43
146	Self-Consistent Massive Disks in Triaxial Dark Matter Halos. <i>Astrophysical Journal</i> , 2007 , 667, 191-201	4.7	20
145	Two Disk Components from a Gas-Rich Disk-Disk Merger. <i>Astrophysical Journal</i> , 2007 , 658, 60-64	4.7	64
144	HI in Local Group Analogs: What does it Tell Us about Galaxy Formation?. <i>Globular Clusters - Guides To Galaxies</i> , 2007 , 33-38		
143	Chemodynamical Simulations of Elliptical Galaxies. <i>EAS Publications Series</i> , 2007 , 24, 133-138	0.2	3
142	Spitzer MIPS Infrared Imaging of M31: Further Evidence for a Spiral-Ring Composite Structure. <i>Astrophysical Journal</i> , 2006 , 638, L87-L92	4.7	132
141	Disk Evolution since $z \sim 1$ in a CDM Universe. <i>Astrophysical Journal</i> , 2006 , 639, 126-135	4.7	45
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