Martin C Smith

List of Publications by Year
in descending order

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34 papers	5,318 citations	430874 18 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	5827 citing authors

#	Article	IF	Citations
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
2	The biggest splash. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3880-3898.	4.4	163
3	Modelling the Galactic bar using OGLE-II red clump giant stars. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1064-1078.	4.4	138
4	Acceleration and parallax effects in gravitational microlensing. Monthly Notices of the Royal Astronomical Society, 2003, 339, 925-936.	4.4	123
5	Optical Gravitational Lensing Experiment OGLE 1999 BUL 32: the longest ever microlensing event â€“ evidence for a stellar mass black hole?. Monthly Notices of the Royal Astronomical Society, 2002, 329, 349-354.	4.4	90
6	SLICING AND DICING THE MILKY WAY DISK IN THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, 2012, 746, 181.	4.5	77
7	THE K GIANT STARS FROM THE LAMOST SURVEY DATA. I. IDENTIFICATION, METALLICITY, AND DISTANCE. Astrophysical Journal, 2014, 790, 110.	4.5	76
8	THE TILT OF THE HALO VELOCITY ELLIPSOID AND THE SHAPE OF THE MILKY WAY HALO. Astrophysical Journal, 2009, 698, 1110-1116.	4.5	61
9	Blending in gravitational microlensing experiments: source confusion and related systematics. Monthly Notices of the Royal Astronomical Society, 2007, 380, 805-818.	4.4	40
10	The tale of the tail â€“ disentangling the high transverse velocity stars in Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3816-3828.	4.4	37
11	ESTIMATION OF DISTANCES TO STARS WITH STELLAR PARAMETERS FROM LAMOST. Astronomical Journal, 2015, 150, 4.	4.7	36
12	SELECTING M GIANTS WITH INFRARED PHOTOMETRY: DISTANCES, METALLICITIES, AND THE SAGITTARIUS STREAM. Astrophysical Journal, 2016, 823, 59.	4.5	30
13	RESONANT ORBITS AND THE HIGH VELOCITY PEAKS TOWARD THE BULGE. Astrophysical Journal, 2015, 812, 146.	4.5	24
14	Optical gravitational lensing experiment: OGLE-1999-BUL-19 â€“ the first multipeak parallax event. Monthly Notices of the Royal Astronomical Society, 2002, 336, 670-684.	4.4	22
15	A RESONANT FEATURE NEAR THE PERSEUS ARM REVEALED BY RED CLUMP STARS. Astrophysical Journal Letters, 2012, 753, L24.	8.3	22
16	The velocity ellipsoid in the Galactic disc using Gaia DR1. Monthly Notices of the Royal Astronomical Society, 2018, 474, 854-865.	4.4	22
17	KINEMATICS OF THE X-SHAPED MILKY WAY BULGE: EXPECTATIONS FROM A SELF-CONSISTENTN-BODY MODEL. Astrophysical Journal, 2015, 808, 75.	4.5	21
18	LAMOST DR1: Stellar Parameters and Chemical Abundances with SP_Ace. Astronomical Journal, 2018, 155, 181.	4.7	18

#	Article	IF	Citations
19	RED RUNAWAYS: HYPERVELOCITY STARS, HILLS EJECTA, AND OTHER OUTLIERS IN THE F-TO-M STAR REGIME. Astronomical Journal, 2015, 150, 77.	4.7	17
20	A Brown Dwarf Microlens Candidate from the Second Phase of the Optical Gravitational Lensing Experiment. Astrophysical Journal, 2003, 585, L65-L68.	4.5	12
21	The nature of parallax microlensing events towards the Galactic bulge. Monthly Notices of the Royal Astronomical Society, 2005, 361, 128-140.	4.4	11
22	RED RUNAWAYS II: LOW-MASS HILLS STARS IN SDSS STRIPE 82. Astrophysical Journal, 2016, 832, 10.	4.5	11
23	RESONANT CLUMPING AND SUBSTRUCTURE IN GALACTIC DISKS. Astrophysical Journal, 2015, 804, 80.	4.5	10
24	The Identification of the White Dwarf Companion to the Millisecond Pulsar J2317+1439. Astrophysical Journal, 2017, 842, 105.	4.5	10
25	Kinematically Detected Halo Streams. Astrophysics and Space Science Library, 2016, , 113-139.	2.7	9
26	The assembly of the Milky Way and its satellite galaxies. Research in Astronomy and Astrophysics, 2012, 12, 1021-1043.	1.7	6
27	An Investigation of the Absolute Proper Motions of the SCUSS Catalog. Publications of the Astronomical Society of the Pacific, 2015, 127, 250-257.	3.1	6
28	The OGLE-II event sc5_2859: an example of disc-disc microlensing. Monthly Notices of the Royal Astronomical Society, 2003, 343, 1172-1180.	4.4	5
29	The Lives of Stars: Insights from the TGASâ€“RAVEâ€“LAMOST Data Set. Astrophysical Journal, 2018, 860, 91.	4.5	5
30	Using microlensed quasars to probe the structure of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2011, 410, 1135-1144.	4.4	4
31	A LAMOST BHB Catalog and Kinematics Therein. I. Catalog and Halo Properties. Astrophysical Journal, 2021, 912, 32.	4.5	4
32	Moderate galaxy-galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2808-2815.	4.4	3
33	Fixing the reference frame for PPMXL proper motions using extragalactic sources. Research in Astronomy and Astrophysics, 2015, 15, 849-859.	1.7	3
34	LAMOST 1: A DISRUPTED SATELLITE IN THE CONSTELLATION DRACO. Astrophysical Journal Letters, 2016, 816, L2.	8.3	1