

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	A LAMOST BHB Catalog and Kinematics Therein. I. Catalog and Halo Properties. <i>Astrophysical Journal</i> , 2021, 912, 32.	4.5	4
2	The tale of the tail – disentangling the high transverse velocity stars in <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3816-3828.	4.4	37
3	The biggest splash. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3880-3898.	4.4	163
4	The velocity ellipsoid in the Galactic disc using Gaia DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 854-865.	4.4	22
5	LAMOST DR1: Stellar Parameters and Chemical Abundances with SP_Ace. <i>Astronomical Journal</i> , 2018, 155, 181.	4.7	18
6	The Lives of Stars: Insights from the TGAS – RAVE – LAMOST Data Set. <i>Astrophysical Journal</i> , 2018, 860, 91.	4.5	5
7	The Identification of the White Dwarf Companion to the Millisecond Pulsar J2317+1439. <i>Astrophysical Journal</i> , 2017, 842, 105.	4.5	10
8	RED RUNAWAYS II: LOW-MASS HILLS STARS IN SDSS STRIPE 82. <i>Astrophysical Journal</i> , 2016, 832, 10.	4.5	11
9	SELECTING M GIANTS WITH INFRARED PHOTOMETRY: DISTANCES, METALLICITIES, AND THE SAGITTARIUS STREAM. <i>Astrophysical Journal</i> , 2016, 823, 59.	4.5	30
10	LAMOST 1: A DISRUPTED SATELLITE IN THE CONSTELLATION DRACO. <i>Astrophysical Journal Letters</i> , 2016, 816, L2.	8.3	1
11	Kinematically Detected Halo Streams. <i>Astrophysics and Space Science Library</i> , 2016, , 113-139.	2.7	9
12	RESONANT ORBITS AND THE HIGH VELOCITY PEAKS TOWARD THE BULGE. <i>Astrophysical Journal</i> , 2015, 812, 146.	4.5	24
13	RED RUNAWAYS: HYPERVELOCITY STARS, HILLS EJECTA, AND OTHER OUTLIERS IN THE F-TO-M STAR REGIME. <i>Astronomical Journal</i> , 2015, 150, 77.	4.7	17
14	An Investigation of the Absolute Proper Motions of the SCUSS Catalog. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 250-257.	3.1	6
15	KINEMATICS OF THE X-SHAPED MILKY WAY BULGE: EXPECTATIONS FROM A SELF-CONSISTENT <i>N</i> -BODY MODEL. <i>Astrophysical Journal</i> , 2015, 808, 75.	4.5	21
16	Fixing the reference frame for PPMXL proper motions using extragalactic sources. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 849-859.	1.7	3
17	ESTIMATION OF DISTANCES TO STARS WITH STELLAR PARAMETERS FROM LAMOST. <i>Astronomical Journal</i> , 2015, 150, 4.	4.7	36
18	RESONANT CLUMPING AND SUBSTRUCTURE IN GALACTIC DISKS. <i>Astrophysical Journal</i> , 2015, 804, 80.	4.5	10

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19	THE K GIANT STARS FROM THE LAMOST SURVEY DATA. I. IDENTIFICATION, METALLICITY, AND DISTANCE. <i>Astrophysical Journal</i> , 2014, 790, 110.	4.5	76
20	The assembly of the Milky Way and its satellite galaxies. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 1021-1043.	1.7	6
21	SLICING AND DICING THE MILKY WAY DISK IN THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2012, 746, 181.	4.5	77
22	A RESONANT FEATURE NEAR THE PERSEUS ARM REVEALED BY RED CLUMP STARS. <i>Astrophysical Journal Letters</i> , 2012, 753, L24.	8.3	22
23	Moderate galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2808-2815.	4.4	3
24	Using microlensed quasars to probe the structure of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1135-1144.	4.4	4
25	THE TILT OF THE HALO VELOCITY ELLIPSOID AND THE SHAPE OF THE MILKY WAY HALO. <i>Astrophysical Journal</i> , 2009, 698, 1110-1116.	4.5	61
26	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
27	Modelling the Galactic bar using OGLE-II red clump giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 1064-1078.	4.4	138
28	Blending in gravitational microlensing experiments: source confusion and related systematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 805-818.	4.4	40
29	The nature of parallax microlensing events towards the Galactic bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 128-140.	4.4	11
30	Acceleration and parallax effects in gravitational microlensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 339, 925-936.	4.4	123
31	The OGLE-II event sc5_2859: an example of disc-disc microlensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 1172-1180.	4.4	5
32	A Brown Dwarf Microlens Candidate from the Second Phase of the Optical Gravitational Lensing Experiment. <i>Astrophysical Journal</i> , 2003, 585, L65-L68.	4.5	12
33	Optical Gravitational Lensing Experiment OGLE 1999 BUL 32: the longest ever microlensing event – evidence for a stellar mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 349-354.	4.4	90
34	Optical gravitational lensing experiment: OGLE-1999-BUL-19 – the first multiperak parallax event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 670-684.	4.4	22