

Michael Fellhauer

List of Publications by Year in descending order

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82
papers

5,757
citations

147801

31
h-index

74163

75
g-index

84
all docs

84
docs citations

84
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	The Field of Streams: Sagittarius and Its Siblings. <i>Astrophysical Journal</i> , 2006, 642, L137-L140.	4.5	726
2	Cats and Dogs, Hair and a Hero: A Quintet of New Milky Way Companions. <i>Astrophysical Journal</i> , 2007, 654, 897-906.	4.5	646
3	A Faint New Milky Way Satellite in Bootes. <i>Astrophysical Journal</i> , 2006, 647, L111-L114.	4.5	359
4	A New Milky Way Dwarf Satellite in Canes Venatici. <i>Astrophysical Journal</i> , 2006, 643, L103-L106.	4.5	319
5	The Luminosity Function of the Milky Way Satellites. <i>Astrophysical Journal</i> , 2008, 686, 279-291.	4.5	295
6	A Curious Milky Way Satellite in Ursa Major. <i>Astrophysical Journal</i> , 2006, 650, L41-L44.	4.5	283
7	Discovery of an Unusual Dwarf Galaxy in the Outskirts of the Milky Way. <i>Astrophysical Journal</i> , 2007, 656, L13-L16.	4.5	253
8	An Orphan in the "Field of Streams" <i>Astrophysical Journal</i> , 2007, 658, 337-344.	4.5	236
9	The Origin of the Bifurcation in the Sagittarius Stream. <i>Astrophysical Journal</i> , 2006, 651, 167-173.	4.5	205
10	The formation of ultracompact dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 642-650.	4.4	160
11	ACCURATE STELLAR KINEMATICS AT FAINT MAGNITUDES: APPLICATION TO THE BOOTES I DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , 2011, 736, 146.	4.5	159
12	The Hercules-Aquila Cloud. <i>Astrophysical Journal</i> , 2007, 657, L89-L92.	4.5	138
13	Light and motion in SDSS Stripe 82: the catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 887-902.	4.4	131
14	The cold veil of the Milky Way stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2840-2853.	4.4	111
15	SUPERBOX " an efficient code for collisionless galactic dynamics. <i>New Astronomy</i> , 2000, 5, 305-326.	1.8	101
16	A SPECTROSCOPIC CONFIRMATION OF THE BOOTES II DWARF SPHEROIDAL. <i>Astrophysical Journal</i> , 2009, 690, 453-462.	4.5	101
17	The sensitivity of harassment to orbit: mass loss from early-type dwarfs in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2502-2516.	4.4	94
18	A possible formation scenario for the ultramassive cluster W3 in NGC 7252. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 223-227.	4.4	82

#	ARTICLE	IF	CITATIONS
19	Formation of massive seed black holes via collisions and accretion. Monthly Notices of the Royal Astronomical Society, 2018, 476, 366-380.	4.4	59
20	Is Ursa Major II the progenitor of the Orphan Stream?. Monthly Notices of the Royal Astronomical Society, 2007, 375, 1171-1179.	4.4	55
21	Collisions in primordial star clusters. Astronomy and Astrophysics, 2018, 614, A14.	5.1	55
22	The impact of galaxy harassment on the globular cluster systems of early-type cluster dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1066-1079.	4.4	54
23	Simple and accurate modelling of the gravitational potential produced by thick and thin exponential discs. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2934-2940.	4.4	53
24	The White Dwarf Deficit in Open Clusters: Dynamical Processes. Astrophysical Journal, 2003, 595, L53-L56.	4.5	50
25	Surviving infant mortality in the hierarchical merging scenario. Monthly Notices of the Royal Astronomical Society, 2011, 414, 3036-3043.	4.4	48
26	Star Cluster Survival in Star Cluster Complexes under Extreme Residual Gas Expulsion. Astrophysical Journal, 2005, 630, 879-886.	4.5	46
27	A parametric study on the formation of extended star clusters and ultra-compact dwarf galaxies. Astronomy and Astrophysics, 2011, 529, A138.	5.1	44
28	Mass loss and expansion of ultra compact dwarf galaxies through gas expulsion and stellar evolution for top-heavy stellar initial mass functions. Monthly Notices of the Royal Astronomical Society, 0, 403, 1054-1071.	4.4	39
29	The efficiency of the spiral-in of a black hole to the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2003, 344, 22-32.	4.4	38
30	RAYMOND: an N-body and hydrodynamics code for MOND. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1060-1070.	4.4	38
31	The tidal tails of NGC 5466. Monthly Notices of the Royal Astronomical Society, 2007, 380, 749-756.	4.4	37
32	Infant mortality in the hierarchical merging scenario: dependence on gas expulsion time-scales. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1303-1311.	4.4	35
33	The influence of mass-loss from a star cluster on its dynamical friction - I. Clusters without internal evolution. Monthly Notices of the Royal Astronomical Society, 2007, 375, 604-614.	4.4	30
34	Two-Micron All-Sky Survey J01542930+0053266: a new eclipsing M dwarf binary system. Monthly Notices of the Royal Astronomical Society, 2008, 386, 416-424.	4.4	30
35	Merging time-scales of stellar subclumps in young star-forming regions. Monthly Notices of the Royal Astronomical Society, 2009, 397, 954-962.	4.4	30
36	Ram pressure drag - the effects of ram pressure on dark matter and stellar disc dynamics. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1990-2005.	4.4	29

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37	New ultracool and halo white dwarf candidates in SDSS Stripe 82. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 515-525.	4.4	28
38	The difficult early stages of embedded star clusters and the importance of the pre-gas expulsion virial ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2451-2458.	4.4	28
39	Enhanced mass-to-light ratios in ultracompact dwarf galaxies through tidal interaction with the centre of the host galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1577-1584.	4.4	25
40	Modelling the dynamical evolution of the Bootes dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1095-1104.	4.4	24
41	The stretching of Hercules. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L101-L105.	3.3	24
42	An extensive catalogue of early-type galaxies in the nearby Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4492-4512.	4.4	24
43	The Possible Origin of the Faint Fuzzy Star Clusters in NGC 1023. <i>Astronomical Journal</i> , 2002, 124, 2006-2011.	4.7	24
44	Complex stellar populations in massive clusters: trapping stars of a dwarf disc galaxy in a newborn stellar supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 338-342.	4.4	23
45	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.	4.4	23
46	Gas expulsion in highly substructured embedded star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5341-5357.	4.4	22
47	FAINT FUZZY STAR CLUSTERS IN NGC 1023 AS REMNANTS OF MERGED STAR CLUSTER COMPLEXES. <i>Astrophysical Journal</i> , 2009, 702, 1268-1274.	4.5	21
48	Understanding the internal dynamics of elliptical galaxies without non-baryonic dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1865-1880.	4.4	21
49	Formation of SMBH seeds in Population III star clusters through collisions: the importance of mass loss. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2352-2362.	4.4	21
50	Merging Timescales and Merger Rates of Star Clusters in Dense Star Cluster Complexes. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2002, 82, 113-131.	1.4	19
51	Steepened inner density profiles of group galaxies via interactions: an N-body analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1503-1510.	4.4	18
52	How fast is mass segregation happening in hierarchically formed embedded star clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 465-474.	4.4	18
53	Popping star clusters as building blocks of the Milky Way's thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1280-1289.	4.4	17
54	Ursa Major II "reproducing the observed properties through tidal disruption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2529-2544.	4.4	16

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55	A possible formation scenario for dwarf spheroidal galaxies â€“ I. Fiducial model. Monthly Notices of the Royal Astronomical Society, 2013, 432, 274-284.	4.4	15
56	Numerical modelling of Aurigaâ€™s Wheel - a new ring galaxy. Monthly Notices of the Royal Astronomical Society, 2012, 423, 543-557.	4.4	14
57	Stellar collisions in flattened and rotating Population III star clusters. Astronomy and Astrophysics, 2021, 649, A160.	5.1	14
58	Formation rates of star clusters in the hierarchical merging scenario. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	13
59	A possible formation scenario for dwarf spheroidal galaxies â€“ II. A parameter study. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2391-2406.	4.4	13
60	The effects of a background potential in star cluster evolution. Astronomy and Astrophysics, 2020, 639, A92.	5.1	13
61	Phase mixing due to the Galactic potential: steps in the position and velocity distributions of popped star clusters. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3702-3717.	4.4	12
62	Dynamical ejections of stars due to an accelerating gas filament. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3590-3598.	4.4	12
63	Life and death of a hero â€“ lessons learned from modelling the dwarf spheroidal Hercules: an incorrect orbit?. Monthly Notices of the Royal Astronomical Society, 2015, 446, 144-159.	4.4	11
64	Merging Massive Star Clusters as Building Blocks of Dwarf Galaxies?. Astrophysics and Space Science, 2002, 281, 355-358.	1.4	10
65	Could Segue 1 be a destroyed star cluster? â€“ a dynamical perspective. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3630-3638.	4.4	9
66	Dwarfs in the Milky Way halo outer rim: first infall or backsplash satellites?. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3601-3622.	4.4	9
67	Leo IV and V â€“ A possible dwarf galaxy pair?. Astronomy and Astrophysics, 2012, 542, A61.	5.1	8
68	An exact equilibrium model of an unbound stellar system in a tidal field. Astronomy and Astrophysics, 2005, 435, 875-881.	5.1	8
69	ï¼ Cen â€“ An ultra compact dwarf galaxy?. Astrophysics and Space Science, 2003, 284, 643-646.	1.4	6
70	Star cluster collisions - a formation scenario for the extended globular cluster Scl-dE1 GC1. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2606-2614.	4.4	6
71	The formation of compact dwarf ellipticals through merging star clusters. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2746-2754.	4.4	6
72	A possible formation scenario for dwarf spheroidal galaxies â€“ III. Adding star formation histories to the fiducial model. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5015-5025.	4.4	4

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73	Are hierarchically formed embedded star clusters surviving gas expulsion depending on their initial conditions?. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5410-5424.	4.4	3
74	Formation and evolution of substructures in tidal tails: spherical dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1869-1876.	4.4	2
75	Numerical simulations of Modified Newtonian Dynamics. Journal of Physics: Conference Series, 2016, 720, 012012.	0.4	1
76	Modelling the Canes Venatici I dwarf spheroidal galaxy. Astronomy and Astrophysics, 2020, 633, A91.	5.1	1
77	<i>U</i> -Cen - an Ultra Compact Dwarf Galaxy?. EAS Publications Series, 2003, 10, 181-181.	0.3	0
78	Numerical Modelling of the Tidal Tails of NGC 5466. Proceedings of the International Astronomical Union, 2007, 3, 189-190.	0.0	0
79	Star clusters as building blocks for dSph galaxy formation. Proceedings of the International Astronomical Union, 2009, 5, 353-356.	0.0	0
80	Dwarf-galaxy-objects formed out of merging star-clusters. Astronomical and Astrophysical Transactions, 2001, 20, 85-88.	0.2	0
81	<i>U</i> -Cen " An Ultra Compact Dwarf Galaxy?. , 2003, , 349-352.		0
82	Modelling the Tidal Tails of NGC 5466. Globular Clusters - Guides To Galaxies, 2009, , 423-424.	0.1	0