Eric E Mamajek

List of Publications by Citations

121 papers	9,549 citations	53 h-index	97 g-index
124 ext. papers	10,983 ext. citations	6.2 avg, IF	6.71 L-index

#	Paper	IF	Citations
121	INTRINSIC COLORS, TEMPERATURES, AND BOLOMETRIC CORRECTIONS OF PRE-MAIN-SEQUENCE STARS. *Astrophysical Journal, Supplement Series*, **2013**, 208, 9	8	1111
120	Improved Age Estimation for Solar-Type Dwarfs Using Activity-Rotation Diagnostics. *Astrophysical Journal*, **2008**, 687, 1264-1293	4.7	796
119	THE STELLAR-ACTIVITY-ROTATION RELATIONSHIP AND THE EVOLUTION OF STELLAR DYNAMOS. *Astrophysical Journal*, **2011**, 743, 48	4.7	433
118	A REVISED AGE FOR UPPER SCORPIUS AND THE STAR FORMATION HISTORY AMONG THE F-TYPE MEMBERS OF THE SCORPIUS-CENTAURUS OB ASSOCIATION. *Astrophysical Journal*, **2012**, 746, 154	4.7	392
117	A self-consistent, absolute isochronal age scale for young moving groups in the solar neighbourhood. *Monthly Notices of the Royal Astronomical Society*, **2015**, 454, 593-614	4.3	280
116	Evidence for Mass-dependent Circumstellar Disk Evolution in the 5 Myr Old Upper Scorpius OB Association. *Astrophysical Journal*, **2006**, 651, L49-L52	4.7	227
115	BANYAN. XI. The BANYAN Multivariate Bayesian Algorithm to Identify Members of Young Associations with 150 pc. *Astrophysical Journal*, **2018**, 856, 23	4.7	225
114	Post T Tauri Stars in the Nearest OB Association. *Astronomical Journal*, **2002**, 124, 1670-1694	4.9	218
113	Geodynamo, solar wind, and magnetopause 3.4 to 3.45 billion years ago. *Science*, **2010**, 327, 1238-40	33.3	211
112	DISCOVERY OF A FAINT COMPANION TO ALCOR USING MMT/AO 5 h IMAGING. *Astronomical Journal*, **2010**, 139, 919-925	4.9	209
111	Mass and Kinetic Energy of the Homunculus Nebula around Carinae. *Astronomical Journal*, **2003**, 125, 1458-1466	4.9	207
110	The star formation history and accretion-disc fraction among the K-type members of the Scorpius Centaurus OB association. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 794-815	4.3	195
109	A Moving Cluster Distance to the Exoplanet 2M1207b in the TW Hydrae Association. *Astrophysical Journal*, **2005**, 634, 1385-1394	4.7	186
108	On the age of the Pictoris moving group. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 2169-2180	4.3	175
107	FORMATION AND EVOLUTION OF PLANETARY SYSTEMS: PROPERTIES OF DEBRIS DUST AROUND SOLAR-TYPE STARS. *Astrophysical Journal, Supplement Series*, **2009**, 181, 197-226	8	164
106	NOMINAL VALUES FOR SELECTED SOLAR AND PLANETARY QUANTITIES: IAU 2015 RESOLUTION B3. *Astronomical Journal*, **2016**, 152, 41	4.9	154
105	The Chamaeleontis Cluster: A Remarkable New Nearby Young Open Cluster. *Astrophysical Journal* , **1999**, 516, L77-L80	4.7	149

104	A dynamical calibration of the mass-luminosity relation at very low stellar masses and young ages. *Nature*, **2005**, 433, 286-9	50.4	131
103	ON THE AGE AND BINARITY OF FOMALHAUT. *Astrophysical Journal Letters*, **2012**, 754, L20	7.9	128
102	The Planetary Mass Companion 2MASS 1207−3932B: Temperature, Mass, and Evidence for an Edge-on Disk. *Astrophysical Journal*, **2007**, 657, 1064-1091	4.7	128
101	An Imaging Survey for Extrasolar Planets around 45 Close, Young Stars with the Simultaneous Differential Imager at the Very Large Telescope and MMT. *Astrophysical Journal, Supplement Series*, **2007**, 173, 143-165	8	123
100	2MASS J035523.37+113343.7: A YOUNG, DUSTY, NEARBY, ISOLATED BROWN DWARF RESEMBLING A GIANT EXOPLANET. *Astronomical Journal*, **2013**, 2,	4.9	116
99	Initial Conditions of Planet Formation: Lifetimes of Primordial Disks **2009**,		113
98	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A SUBSTELLAR L DWARF COMPANION TO THE NEARBY YOUNG M DWARF CD−35 2722. *Astrophysical Journal*, **2011**, 729, 139	4.7	109
97	PLANETARY CONSTRUCTION ZONES IN OCCULTATION: DISCOVERY OF AN EXTRASOLAR RING SYSTEM TRANSITING A YOUNG SUN-LIKE STAR AND FUTURE PROSPECTS FOR DETECTING ECLIPSES BY CIRCUMSECONDARY AND CIRCUMPLANETARY DISKS. *Astronomical Journal*, **2012**, 143, 72	4.9	106
96	A MAGELLAN MIKE ANDSPITZERMIPS STUDY OF 1.5-1.0M?STARS IN SCORPIUS-CENTAURUS. *Astrophysical Journal*, **2011**, 738, 122	4.7	103
95	The Chamaeleontis Cluster: Origin in the Sco-Cen OB Association. *Astrophysical Journal*, **2000**, 544, 356-374	4.7	103
94	CLOUDS IN THE COLDEST BROWN DWARFS: FIRE SPECTROSCOPY OF ROSS 458C. *Astrophysical Journal*, **2010**, 725, 1405-1420	4.7	98
93	Spitzer24 h Observations of Open Cluster IC 2391 and Debris Disk Evolution of FGK Stars. *Astrophysical Journal*, **2007**, 654, 580-594	4.7	95
92	THERMAL INFRARED MMTAO OBSERVATIONS OF THE HR 8799 PLANETARY SYSTEM. *Astrophysical Journal*, **2010**, 716, 417-426	4.7	93
91	THE SOLAR NEIGHBORHOOD. XXX. FOMALHAUT C. *Astronomical Journal*, **2013**, 146, 154	4.9	86
90	DEBRIS DISKS IN THE UPPER SCORPIUS OB ASSOCIATION. *Astrophysical Journal*, **2009**, 705, 1646-1671	4.7	85
89	Constraining the Lifetime of Circumstellar Disks in the Terrestrial Planet Zone: A Mid-Infrared Survey of the 30 Myr old Tucana-Horologium Association. *Astrophysical Journal*, **2004**, 612, 496-510	4.7	82
88	The Formation and Evolution of Planetary Systems: Placing Our Solar System in Context withSpitzer. *Publications of the Astronomical Society of the Pacific*, **2006**, 118, 1690-1710	5	78
87	The kinematics of the Scorpius-Centaurus OB association from Gaia DR1. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 381-398	4.3	77

86	A KINE-CHEMICAL INVESTIGATION OF THE AB DOR MOVING GROUP STREAM. *Astrophysical Journal*, **2013**, 766, 6	4.7	75
85	ASPITZERMIPS STUDY OF 2.5-2.0M?STARS IN SCORPIUS-CENTAURUS. *Astrophysical Journal*, **2012**, 756, 133	4.7	73
84	A WIDELY SEPARATED, HIGHLY OCCLUDED COMPANION TO THE NEARBY LOW-MASS T TAURI STAR TWA 30. *Astronomical Journal*, **2010**, 140, 1486-1499	4.9	69
83	Are Debris Disks and Massive Planets Correlated?. *Astrophysical Journal*, **2007**, 658, 1312-1321	4.7	69
82	THE ANDROMEDAE SYSTEM: NEW CONSTRAINTS ON THE COMPANION MASS, SYSTEM AGE, AND FURTHER MULTIPLICITY. *Astrophysical Journal*, **2013**, 779, 153	4.7	68
81	The Moth: An Unusual Circumstellar Structure Associated with HD 61005. *Astrophysical Journal*, **2007**, 671, L165-L168	4.7	68
80	The Formation and Evolution of Planetary Systems (FEPS): Discovery of an Unusual Debris System Associated with HD 12039. *Astrophysical Journal*, **2006**, 638, 1070-1079	4.7	68
79	Detecting the oldest geodynamo and attendant shielding from the solar wind: Implications for habitability. *Physics of the Earth and Planetary Interiors*, **2014**, 233, 68-87	2.3	66
78	Kinematics of the Interstellar Vagabond 1I/Oumuamua (A/2017 U1). *Research Notes of the AAS*, **2017**, 1, 21	0.8	66
77	BANYAN. IX. The Initial Mass Function and Planetary-mass Object Space Density of the TW HYA Association. *Astrophysical Journal, Supplement Series*, **2017**, 228, 18	8	65
76	On the Age of the TRAPPIST-1 System. *Astrophysical Journal*, **2017**, 845, 110	4.7	64
75	THE CLOSEST KNOWN FLYBY OF A STAR TO THE SOLAR SYSTEM. *Astrophysical Journal Letters*, **2015**, 800, L17	7.9	62
74	THE ENIGMATIC YOUNG, LOW-MASS VARIABLE TWA 30. *Astrophysical Journal*, **2010**, 714, 45-67	4.7	60
73	Infrared study of the Chamaeleontis cluster and the longevity of circumstellar discs. *Monthly Notices of the Royal Astronomical Society*, **2003**, 338, 616-622	4.3	56
72	Dippers and dusty disc edges: new diagnostics and comparison to model predictions. *Monthly Notices of the Royal Astronomical Society*, **2017**, 470, 202-223	4.3	55
71	The Greater Taurus Auriga Ecosystem. I. There is a Distributed Older Population. *Astrophysical Journal*, **2017**, 838, 150	4.7	53
70	THE BROWN DWARF KINEMATICS PROJECT (BDKP). IV. RADIAL VELOCITIES OF 85 LATE-M AND L DWARFS WITH MagE. *Astrophysical Journal, Supplement Series*, **2015**, 220, 18	8	53
69	Formation and Evolution of Planetary Systems: Cold Outer Disks Associated with Sun-like Stars. *Astrophysical Journal*, **2005**, 632, 659-669	4.7	53

68	TheSpitzerSurvey of Interstellar Clouds in the Gould Belt. I. IC 5146 Observed With IRAC and MIPS. *Astrophysical Journal*, **2008**, 680, 495-516	4.7	48
67	A SURVEY FOR NEW MEMBERS OF THE TAURUS STAR-FORMING REGION WITH THE SLOAN DIGITAL SKY SURVEY. *Astronomical Journal*, **2017**, 153, 46	4.9	46
66	TESS Reveals that the Nearby PiscesEridanus Stellar Stream is only 120 Myr Old. *Astronomical Journal*, **2019**, 158, 77	4.9	45
65	ECHA J0843.3-7905: Discovery of an Old Classical T Tauri star in the Chamaeleontis cluster. *Monthly Notices of the Royal Astronomical Society*, **2002**, 329, L29-L33	4.3	45
64	Four Newborn Planets Transiting the Young Solar Analog V1298 Tau. *Astrophysical Journal Letters*, **2019**, 885, L12	7.9	45
63	Spitzer Space TelescopeObservations of G Dwarfs in the Pleiades: Circumstellar Debris Disks at 100 Myr Age. *Astronomical Journal*, **2005**, 130, 1834-1844	4.9	43
62	A Resolved Circumstellar Disk around the Herbig Ae Star HD 100546 in the Thermal Infrared. *Astrophysical Journal*, **2003**, 598, L111-L114	4.7	40
61	SEARCHING FOR PLANETS IN HOLEY DEBRIS DISKS WITH THE APODIZING PHASE PLATE. *Astrophysical Journal*, **2015**, 800, 5	4.7	39
60	An Adaptive Optics Survey of M6.0M7.5 Stars: Discovery of Three Very Low Mass Binary Systems Including Two Probable Hyades Members. *Astrophysical Journal*, **2003**, 598, 1265-1276	4.7	39
59	A Warm Jupiter-sized Planet Transiting the Pre-main-sequence Star V1298 Tau. *Astronomical Journal*, **2019**, 158, 79	4.9	36
58	Revised geometric estimates of the North Galactic Pole and the Sun's height above the Galactic mid-plane. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 472-481	4.3	36
57	PRE-MAIN-SEQUENCE STARS IN THE CEPHEUS FLARE REGION. *Astrophysical Journal, Supplement Series*, **2009**, 185, 451-476	8	35
56	A Survey for Planetary-mass Brown Dwarfs in the Chamaeleon I Star-forming Region. *Astronomical Journal*, **2017**, 154, 46	4.9	34
55	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. *Astronomical Journal*, **2020**, 160, 179	4.9	32
54	NEW YOUNG STARS AND BROWN DWARFS IN THE UPPER SCORPIUS ASSOCIATION. *Astronomical Journal*, **2018**, 156,	4.9	31
53	DEEPGALEXUV SURVEY OF THEKEPLERFIELD. I. POINT SOURCE CATALOG. *Astrophysical Journal*, **2015**, 813, 100	4.7	30
52	Pre-main-sequence isochrones III. The Cluster Collaboration isochrone server. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 3496-3511	4.3	29
51	V409 TAU AS ANOTHER AA TAU: PHOTOMETRIC OBSERVATIONS OF STELLAR OCCULTATIONS BY THE CIRCUMSTELLAR DISK. *Astronomical Journal*, **2015**, 150, 32	4.9	27

50	Radio Emission fromROSAT-discovered Young Stars in and around Taurus-Auriga. *Astrophysical Journal*, **1997**, 490, 735-743	4.7	27
49	THE FIRST BROWN DWARF/PLANETARY-MASS OBJECT IN THE 32 ORIONIS GROUP. *Astrophysical Journal*, **2016**, 820, 32	4.7	27
48	A Catalog of Stellar Unified Properties (CATSUP) for 951 FGK-Stars within 30 pc. *Astrophysical Journal*, **2017**, 848, 34	4.7	24
47	TheGALEXView of Boyajian Star (KIC 8462852). *Astrophysical Journal*, **2018**, 853, 130	4.7	24
46	A WISE Survey of Circumstellar Disks in the Upper Scorpius Association. *Astronomical Journal*, **2018**, 156, 75	4.9	24
45	DIRECT EXOPLANET DETECTION WITH BINARY DIFFERENTIAL IMAGING. *Astrophysical Journal*, **2015**, 811, 157	4.7	23
44	WISE J080822.18 44357.3 a 45 Myr-old accreting M dwarf hosting a primordial disc. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 3290-3302	4.3	22
43	Volans-Carina: A New 90 Myr Old Stellar Association at 85 pc. *Astrophysical Journal*, **2018**, 865, 136	4.7	20
42	Two Directly Imaged, Wide-orbit Giant Planets around the Young, Solar Analog TYC 8998-760-1. *Astrophysical Journal Letters*, **2020**, 898, L16	7.9	19
41	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. *Astronomical Journal*, **2020**, 160, 26	4.9	18
40	A stellar census of the nearby, young 32 Orionis group. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 1198-1220	4.3	17
39	A Pre-Gaia Census of Nearby Stellar Groups. *Proceedings of the International Astronomical Union*, **2015**, 10, 21-26	0.1	16
38	Three Small Planets Transiting the Bright Young Field Star K2-233. *Astronomical Journal*, **2018**, 155, 222	4.9	15
37	From Scattered-light to Millimeter Emission: A Comprehensive View of the Gigayear-old System of HD 202628 and its Eccentric Debris Ring. *Astronomical Journal*, **2019**, 158, 162	4.9	15
36	Discovery of a Transiting Adolescent Sub-Neptune Exoplanet with K2. *Astronomical Journal*, **2018**, 156, 302	4.9	14
35	Identification of young stellar variables with KELT for K2 II. The Upper Scorpius association. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 1231-1243	4.3	13
34	WISEA J041451.67 85456.7 and WISEA J181006.18 101000.5: The First Extreme T-type Subdwarfs?. *Astrophysical Journal*, **2020**, 898, 77	4.7	13
33	The Tau Association: A 60 Myr Old Coeval Group at 150 pc from the Sun. *Astrophysical Journal*, **2020**, 903, 96	4.7	13

32	The Planet Formation Potential around a 45 Myr Old Accreting M Dwarf. *Astrophysical Journal*, **2019**, 872, 92	4.7	12
31	A SURVEY FOR A COEVAL, COMOVING GROUP ASSOCIATED WITH HD 141569. *Astronomical Journal*, **2008**, 136, 2483-2492	4.9	12
30	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. *Astronomical Journal*, **2020** , 160, 153	4.9	12
29	The B-Star Exoplanet Abundance Study: a co-moving 16□5 MJup companion to the young binary system HIP 79098. *Astronomy and Astrophysics*, **2019**, 626, A99	5.1	12
28	Angular Momentum Evolution of Young Stars in the nearby Scorpius□entaurus OB Association. *Astrophysical Journal*, **2017**, 844, 66	4.7	11
27	The White Dwarf Opportunity: Robust Detections of Molecules in Earth-like Exoplanet Atmospheres with the James Webb Space Telescope. *Astrophysical Journal Letters*, **2020**, 901, L1	7.9	11
26	A Late-type L Dwarf at 11 pc Hiding in the Galactic Plane Characterized Using Gaia DR2. *Astrophysical Journal*, **2018**, 868, 44	4.7	10
25	Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYS): Late Infall Causing Disk Misalignment and Dynamic Structures in SU Aur. *Astrophysical Journal Letters*, **2021**, 908, L25	7.9	9
24	MODELING TRANSITING CIRCUMSTELLAR DISKS: CHARACTERIZING THE NEWLY DISCOVERED ECLIPSING DISK SYSTEM OGLE LMC-ECL-11893. *Astrophysical Journal*, **2014**, 797, 6	4.7	8
23	A Detailed Characterization of HR 8799's Debris Disk with ALMA in Band 7. *Astronomical Journal*, **2021**, 161, 271	4.9	8
22	A search for eclipsing binaries that host discs. *Monthly Notices of the Royal Astronomical Society*, **2014**, 441, 3733-3741	4.3	5
21	Discovery of a directly imaged planet to the young solar analog YSES 2. *Astronomy and Astrophysics*, **2021**, 648, A73	5.1	5
20	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. *Astrophysical Journal*, **2016**, 831, 177	4.7	4
19	A Collage of Small Planets from the Lick□arnegie Exoplanet Survey: Exploring the Super-Earth and Sub-Neptune Mass Regime*. *Astronomical Journal*, **2021**, 161, 10	4.9	4
18	WISE J064336.71-022315.4: A Thick-disk L8 Brown Dwarf Discovered by Gaia DR2 at 13.9 pc. *Research Notes of the AAS*, **2018**, 2, 205	0.8	4
17	BEAST begins: sample characteristics and survey performance of the B-star Exoplanet Abundance Study. *Astronomy and Astrophysics*, **2021**, 646, A164	5.1	4
16	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. *Astronomical Journal*, **2021**, 162, 87	4.9	4
15	TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux. *Astronomical Journal*, **2022**, 163, 156	4.9	4

14	Bright Southern Variable Stars in the bRing Survey. *Astrophysical Journal, Supplement Series*, **2019**, 244, 15	8	3
13	Discovery of δ Scuti Pulsations in the Young Hybrid Debris Disk Star HD 156623. *Astrophysical Journal*, **2019**, 870, 36	4.7	3
12	How accurately can we age-date solar-type dwarfs using activity/rotation diagnostics?. *Proceedings of the International Astronomical Union*, **2008**, 4, 375-382	0.1	3
11	A Geologically Robust Procedure for Observing Rocky Exoplanets to Ensure that Detection of Atmospheric Oxygen Is a Modern Earth-like Biosignature. *Astrophysical Journal Letters*, **2020**, 898, L17	7.9	3
10	A wide-orbit giant planet in the high-mass b Centauri binary system. *Nature*, **2021**, 600, 231-234	50.4	3
9	Pleiades or Not? Resolving the Status of the Lithium-rich M Dwarfs HHJ 339 and HHJ 430. *Astronomical Journal*, **2020**, 160, 30	4.9	2
8	The Isochronal Age Scale of Young Moving Groups in the Solar Neighbourhood. *Proceedings of the International Astronomical Union*, **2015**, 10, 41-48	0.1	2
7	New nearby young star cluster candidates within 200 pc. *Proceedings of the International Astronomical Union*, **2006**, 2, 442-442	0.1	2
6	Discovery of an Edge-on Circumstellar Debris Disk around BD+45°598: A Newly Identified Member of the β Pictoris Moving Group. *Astrophysical Journal*, **2021**, 912, 115	4.7	2
5	A 2 R ? Planet Orbiting the Bright Nearby K Dwarf Wolf 503. *Astronomical Journal*, **2018**, 156, 188	4.9	2
4	The CO-rich atmosphere of a young accreting super-Jupiter. *Nature*, **2021**, 595, 370-372	50.4	2
3	An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau. *Astronomical Journal*, **2020**, 160, 285	4.9	1
2	SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field. *Astrophysical Journal, Supplement Series*, **2021**, 254, 11	8	0
1	Three New Late-type Stellar Companions to Very Dusty WISE Debris Disks Identified with SPHERE Imaging. *Astronomical Journal*, **2021**, 161, 78	4.9	0