

# Emese Forgács-Dajka

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

547  
citations

623734

14  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the detectability of long period perturbations in close hierarchical triple stellar systems. <i>Astronomy and Astrophysics</i> , 2003, 398, 1091-1102.	5.1	66
2	Transit timing variations in eccentric hierarchical triple exoplanetary systems. <i>Astronomy and Astrophysics</i> , 2011, 528, A53.	5.1	59
3	Dynamical masses, absolute radii and 3D orbits of the triply eclipsing star HD181068 from Kepler photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1656-1672.	4.4	49
4	A parametric study of stability and resonances around L 4 in the elliptic restricted three-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2009, 104, 145-158.	1.4	41
5	Tachocline Confinement by an Oscillatory Magnetic Field. <i>Solar Physics</i> , 2001, 203, 195-210.	2.5	34
6	A BABCOCK-LEIGHTON SOLAR DYNAMO MODEL WITH MULTI-CELLULAR MERIDIONAL CIRCULATION IN ADVECTION- AND DIFFUSION-DOMINATED REGIMES. <i>Astrophysical Journal</i> , 2015, 806, 169.	4.5	32
7	Searching for mid-term variations in different aspects of solar activity - looking for probable common origins and studying temporal variations of magnetic polarities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 282-291.	4.4	27
8	TICs 167692429 and 220397947: the first compact hierarchical triple stars discovered with <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5005-5023.	4.4	27
9	Tidal and rotational effects in the perturbations of hierarchical triple stellar systems. <i>Astronomy and Astrophysics</i> , 2007, 473, 191-206.	5.1	22
10	EPIC 220204960: A Quadruple Star System Containing Two Strongly Interacting Eclipsing Binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx143.	4.4	20
11	Eclipse timing variation analysis of <i>OGLE-IV</i> eclipsing binaries towards the Galactic Bulge - I. Hierarchical triple system candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2562-2572.	4.4	20
12	A search for tight hierarchical triple systems amongst the eclipsing binaries in the CoRoT fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1230-1245.	4.4	18
13	Rotation- differential rotation relationships for late-type single and binary stars from Doppler imaging. <i>Astronomische Nachrichten</i> , 2017, 338, 903-909.	1.2	17
14	SPH-based simulation of multi-material asteroid collisions. <i>Astronomische Nachrichten</i> , 2013, 334, 996-999.	1.2	16
15	Stability of higher order resonances in the restricted three-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2012, 113, 95-112.	1.4	15
16	A fast method to identify mean motion resonances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3383-3389.	4.4	14
17	KIC 7177553: A QUADRUPLE SYSTEM OF TWO CLOSE BINARIES. <i>Astrophysical Journal</i> , 2016, 819, 33.	4.5	12
18	Dispersive shock waves in the solar wind. <i>Astronomische Nachrichten</i> , 2007, 328, 734-737.	1.2	11

#	ARTICLE	IF	CITATIONS
19	On some long time dynamical features of the Trojan asteroids of Jupiter. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2013, 117, 3-16.	1.4	10
20	Eclipse timing variation analysis of <i>OGLE-IV</i> eclipsing binaries towards the Galactic Bulge â€“ II. Short periodic triple stellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 246-260.	4.4	10
21	The Role of Active Regions in the Generation of Torsional Oscillations. <i>Solar Physics</i> , 2002, 205, 39-52.	2.5	9
22	Exploring the Northâ€“South asymmetry in a Babcockâ€“Leighton dynamo. <i>Astronomische Nachrichten</i> , 2013, 334, 960-963.	1.2	8
23	Surface velocity network with antiâ€“solar differential rotation on the activeKâ€“giant <i>Ïƒ</i> Geminorum. <i>Astronomische Nachrichten</i> , 2007, 328, 1081-1083.	1.2	7
24	A survey on Hungaria asteroids involved in mean motion resonances with Mars. <i>Astronomy and Astrophysics</i> , 2022, 657, A135.	5.1	3
25	Molecular cloud abundances and anomalous diffusion. <i>Astronomische Nachrichten</i> , 2007, 328, 871-874.	1.2	0