

# Richard Komárk

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

355  
citations

1163117

8  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

663  
citing authors

#	ARTICLE	IF	CITATIONS
1	The size, shape, density and ring of the dwarf planet Haumea from a stellar occultation. <i>Nature</i> , 2017, 550, 219-223.	27.8	179
2	Affordable Åchelle spectroscopy with a 60 cm telescope. <i>Astronomische Nachrichten</i> , 2015, 336, 682-689.	1.2	48
3	The symbiotic star CH Cygni - IV. Basic kinematics of the circumstellar matter during active phases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 1109-1119.	4.4	22
4	Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992-94 active phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, 327-346.	4.4	21
5	The large trans-Neptunian object 2002 TC <sub>302</sub> from combined stellar occultation, photometry, and astrometry data. <i>Astronomy and Astrophysics</i> , 2020, 639, A134.	5.1	13
6	Wind mass transfer in S-type symbiotic binaries. <i>Astronomy and Astrophysics</i> , 2021, 646, A116.	5.1	12
7	Stellar occultations enable milliarcsecond astrometry for Trans-Neptunian objects and Centaurs. <i>Astronomy and Astrophysics</i> , 2020, 644, A40.	5.1	11
8	ELLIPSOIDAL VARIABLE V1197 ORIONIS: ABSOLUTE LIGHT-VELOCITY ANALYSIS FOR KNOWN DISTANCE. <i>Astrophysical Journal</i> , 2009, 702, 403-413.	4.5	8
9	The path to Z And-type outbursts: The case of V426 Sagittae (HBHA 1704-05). <i>Astronomy and Astrophysics</i> , 2020, 636, A77.	5.1	7
10	Secular changes in the orbits of the quadruple system VWLMi. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 178-189.	4.4	6
11	V680Mon – a young mercury-manganese star in an eclipsing heartbeat system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3749-3757.	4.4	5
12	Spectral behaviour of the eclipsing binary TX UMa around primary minimum. <i>Astrophysics and Space Science</i> , 1990, 169, 241-243.	1.4	4
13	Periodic transit timing variations and refined system parameters of the exoplanet XO-6b. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4
14	Rapidly rotating stars and their transiting planets: KELT-17b, KELT-19Ab, and KELT-21b in the CHEOPS and TESS era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2822-2840.	4.4	4
15	Orbital period change during the outburst of the symbiotic binary V 1329 Cygni. <i>Astrophysics and Space Science</i> , 1993, 201, 107-112.	1.4	3
16	The 2017 May 20 stellar occultation by the elongated centaur (95626) 2002 GZ32. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 6062-6075.	4.4	3
17	Direct detection of the secondary spectrum of the interacting eclipsing binary TX UMa. <i>Astrophysics and Space Science</i> , 1991, 185, 189-193.	1.4	2
18	On the Asynchronous Rotation of Accretors in Interacting Binaries. <i>Astrophysics and Space Science</i> , 2005, 296, 427-430.	1.4	1

#	ARTICLE	IF	CITATIONS
19	TYC 3637-1152-1 "A high amplitude $\delta$ Scuti star with peculiar pulsational properties. <i>New Astronomy</i> , 2019, 68, 39-44.	1.8	1
20	Long-term spectroscopic survey of seven interesting CP stars. <i>Contributions of the Astronomical Observatory Skalnaté Pleso</i> , 2020, 50, .	0.1	1
21	Spectroscopic and photometric detection of interacting processes and their evolution in the eclipsing binary TX UMa. <i>Astrophysics and Space Science</i> , 1992, 198, 149-159.	1.4	0
22	On the nature of the candidate T-Tauri star V501 Aurigae.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4902-4913.	4.4	0
23	Power quality" Evaluation of safe operation of observatories. <i>Astronomische Nachrichten</i> , 2019, 340, 658-665.	1.2	0
24	Symbiotic Star CH Cyg after the Jet Ejection. <i>Astrophysics and Space Science Library</i> , 1993, , 163-168.	2.7	0
25	HD 183986: A High-contrast SB2 System with a Pulsating Component. <i>Astronomical Journal</i> , 2022, 163, 245.	4.7	0