

# Marten H Van Kerkwijk

## List of Publications by Year in descending order

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38  
papers

15,182  
citations

218677

26  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

16961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Array programming with NumPy. <i>Nature</i> , 2020, 585, 357-362.	27.8	10,143
2	A Massive Pulsar in a Compact Relativistic Binary. <i>Science</i> , 2013, 340, 448, 1233232.	12.6	2,890
3	Direct Imaging and Spectroscopy of a Planetary-Mass Candidate Companion to a Young Solar Analog. <i>Astrophysical Journal</i> , 2008, 689, L153-L156.	4.5	187
4	SUB-CHANDRASEKHAR WHITE DWARF MERGERS AS THE PROGENITORS OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2010, 722, L157-L161.	8.3	150
5	CLOSE COMPANIONS TO YOUNG STARS. I. A LARGE SPECTROSCOPIC SURVEY IN CHAMAELEON I AND TAURUS-AURIGA. <i>Astrophysical Journal</i> , 2012, 745, 119.	4.5	132
6	Lithium Depletion of Nearby Young Stellar Associations. <i>Astrophysical Journal</i> , 2008, 689, 1127-1140.	4.5	131
7	OBSERVATIONS OF DOPPLER BOOSTING IN KEPLER LIGHT CURVES. <i>Astrophysical Journal</i> , 2010, 715, 51-58.	4.5	130
8	THE DIRECTLY IMAGED PLANET AROUND THE YOUNG SOLAR ANALOG 1RXS J160929.1 â€“ 210524: CONFIRMATION OF COMMON PROPER MOTION, TEMPERATURE, AND MASS. <i>Astrophysical Journal</i> , 2010, 719, 497-504.	4.5	128
9	Contact Binaries with Additional Components. II. A Spectroscopic Search for Faint Tertiaries. <i>Astronomical Journal</i> , 2006, 132, 650-662.	4.7	120
10	Accretion Disks around Young Stars: Lifetimes, Disk Locking, and Variability. <i>Astrophysical Journal</i> , 2006, 648, 1206-1218.	4.5	116
11	Distances to Anomalous X-ray Pulsars Using Red Clump Stars. <i>Astrophysical Journal</i> , 2006, 650, 1070-1081.	4.5	101
12	Contact Binaries with Additional Components. III. A Search Using Adaptive Optics. <i>Astronomical Journal</i> , 2007, 134, 2353-2365.	4.7	94
13	A Multiplicity Census of Young Stars in Chamaeleon I. <i>Astrophysical Journal</i> , 2008, 683, 844-861.	4.5	78
14	Pulsar emission amplified and resolved by plasma lensing in an eclipsing binary. <i>Nature</i> , 2018, 557, 522-525.	27.8	66
15	THE SPECTRUM OF THE RECYCLED PSR J0437â€“4715 AND ITS WHITE DWARF COMPANION. <i>Astrophysical Journal</i> , 2012, 746, 6.	4.5	62
16	HOW VARIABLE IS ACCRETION IN YOUNG STARS?. <i>Astrophysical Journal</i> , 2009, 694, L153-L157.	4.5	55
17	A Comprehensive View of Circumstellar Disks in Chamaeleon I: Infrared Excess, Accretion Signatures, and Binarity. <i>Astrophysical Journal</i> , 2007, 670, 1337-1346.	4.5	54
18	A PARAMETER-SPACE STUDY OF CARBON-OXYGEN WHITE DWARF MERGERS. <i>Astrophysical Journal</i> , 2013, 767, 164.	4.5	51

#	ARTICLE	IF	CITATIONS
19	Extinction Columns and Intrinsic X-Ray Spectra of the Anomalous X-Ray Pulsars. <i>Astrophysical Journal</i> , 2006, 650, 1082-1090.	4.5	50
20	Correlated Infrared and X-Ray Flux Changes Following the 2002 June Outburst of the Anomalous X-Ray Pulsar 1E 2259+586. <i>Astrophysical Journal</i> , 2004, 617, L53-L56.	4.5	49
21	AN ADAPTIVE OPTICS MULTIPLICITY CENSUS OF YOUNG STARS IN UPPER SCORPIUS. <i>Astrophysical Journal</i> , 2014, 785, 47.	4.5	47
22	Multiplicity among Young Brown Dwarfs and Very Low Mass Stars. <i>Astrophysical Journal</i> , 2007, 671, 2074-2081.	4.5	41
23	DISK BRAKING IN YOUNG STARS: PROBING ROTATION IN CHAMAELEON I AND TAURUS-AURIGA. <i>Astrophysical Journal</i> , 2009, 695, 1648-1656.	4.5	41
24	Multiwavelength Variability of the Magnetar 4U 0142+61. <i>Astrophysical Journal</i> , 2006, 652, 576-583.	4.5	40
25	The Broadband Spectrum and Infrared Variability of the Magnetar AXP 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2005, 627, 376-382.	4.5	39
26	MAGNETIZED MOVING MESH MERGER OF A CARBON-OXYGEN WHITE DWARF BINARY. <i>Astrophysical Journal Letters</i> , 2015, 806, L1.	8.3	37
27	Mode Changing and Giant Pulses in the Millisecond Pulsar PSR B1957+20. <i>Astrophysical Journal Letters</i> , 2018, 867, L2.	8.3	25
28	Constraining magnetic fields through plasma lensing: application to the Black Widow pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5723-5733.	4.4	23
29	SPECTROSCOPY OF THE INNER COMPANION OF THE PULSAR PSR J0337+1715. <i>Astrophysical Journal Letters</i> , 2014, 783, L23.	8.3	19
30	IDENTIFICATION OF A POPULATION OF X-RAY-EMITTING MASSIVE STARS IN THE GALACTIC PLANE. <i>Astrophysical Journal</i> , 2011, 727, 105.	4.5	16
31	CHASING THE IDENTIFICATION OF ASCA GALACTIC OBJECTS (ChAGO): AN X-RAY SURVEY OF UNIDENTIFIED SOURCES IN THE GALACTIC PLANE. I. SOURCE SAMPLE AND INITIAL RESULTS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 212, 13.	7.7	13
32	The Infrared Counterpart to the Magnetar 1RXS J170849.0-400910. <i>Astrophysical Journal</i> , 2006, 648, 534-540.	4.5	13
33	Interstellar interferometry: precise curvature measurement from pulsar secondary spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4573-4581.	4.4	13
34	Kinematics of Crab Giant Pulses. <i>Astrophysical Journal</i> , 2021, 920, 38.	4.5	11
35	Possible Optical Detection of the Anomalous X-Ray Pulsar CXOU J010043.1-721134. <i>Astrophysical Journal</i> , 2005, 628, L135-L138.	4.5	9
36	Optical and Infrared Observations of Anomalous X-ray Pulsars. <i>Symposium - International Astronomical Union</i> , 2004, 218, 251-254.	0.1	6

#	ARTICLE	IF	CITATIONS
37	Mapping the Emission Location of the Crab Pulsar's Giant Pulses. Proceedings of the International Astronomical Union, 2017, 13, 83-83.	0.0	2
38	Multiplicity in Star Formation: Close Binaries in Chamaeleon I and Taurus-Auriga. , 2009, , .		0