

# Kosuke Namekata

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

720  
citations

623734

14  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

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times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a Long-duration Superflare on a Young Solar-type Star EK Draconis with Nearly Similar Time Evolution for H $\beta$ and White-light Emissions. <i>Astrophysical Journal Letters</i> , 2022, 926, L5.	8.3	17
2	The Atmospheric Response to High Nonthermal Electron-beam Fluxes in Solar Flares. II. Hydrogen-broadening Predictions for Solar Flare Observations with the Daniel K. Inouye Solar Telescope. <i>Astrophysical Journal</i> , 2022, 928, 190.	4.5	20
3	Probable detection of an eruptive filament from a superflare on a solar-type star. <i>Nature Astronomy</i> , 2022, 6, 241-248.	10.1	53
4	Sun-as-a-star Analysis of H $\beta$ Spectra of a Solar Flare Observed by SMART/SDDI: Time Evolution of Red Asymmetry and Line Broadening. <i>Astrophysical Journal</i> , 2022, 933, 209.	4.5	10
5	Time-resolved spectroscopy and photometry of M dwarf flare star YZ Canis Minoris with OISTER and TESS: Blue asymmetry in the H $\beta$ line during the non-white light flare. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 44-65.	2.5	47
6	Statistical Properties of Superflares on Solar-type Stars: Results Using All of the Kepler Primary Mission Data. <i>Astrophysical Journal</i> , 2021, 906, 72.	4.5	58
7	Spectroscopic and photometric observations of dwarf nova superoutbursts by the 3.8 m telescope Seimei and the Variable Star Network. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 753-771.	2.5	2
8	Optical and X-ray observations of stellar flares on an active M dwarf AD Leonis with the Seimei Telescope, SCAT, NICER, and OISTER. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	2.5	38
9	Temporal Evolution of Spatially Resolved Individual Star Spots on a Planet-hosting Solar-type Star: Kepler-17. <i>Astrophysical Journal</i> , 2020, 891, 103.	4.5	21
10	Starspot Mapping with Adaptive Parallel Tempering. I. Implementation of Computational Code. <i>Astrophysical Journal</i> , 2020, 902, 73.	4.5	5
11	Impact of Stellar Superflares on Planetary Habitability. <i>Astrophysical Journal</i> , 2019, 881, 114.	4.5	36
12	Do Kepler Superflare Stars Really Include Slowly Rotating Sun-like Stars? Results Using APO 3.5 m Telescope Spectroscopic Observations and Gaia-DR2 Data. <i>Astrophysical Journal</i> , 2019, 876, 58.	4.5	122
13	Lifetimes and Emergence/Decay Rates of Star Spots on Solar-type Stars Estimated by Kepler Data in Comparison with Those of Sunspots. <i>Astrophysical Journal</i> , 2019, 871, 187.	4.5	44
14	Statistical Study of Solar White-light Flares and Comparison with Superflares on Solar-type Stars. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 221-224.	0.0	1
15	Time-resolved spectroscopic observations of an M-dwarf flare star EV Lacertae during a flare. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	30
16	Superoutburst of WZ Sge-type dwarf nova below the period minimum: ASASSN-15po. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	6
17	Validation of a scaling law for the coronal magnetic field strength and loop length of solar and stellar flares. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	16
18	Statistical Studies of Solar White-light Flares and Comparisons with Superflares on Solar-type Stars. <i>Astrophysical Journal</i> , 2017, 851, 91.	4.5	98

#	ARTICLE	IF	CITATIONS
19	Spectroscopic observations of active solar-analog stars with high X-ray luminosity, as a proxy of superflare stars. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	11
20	Starspot activity and superflares on solar-type stars. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	83