

# Ioannis Kontogiannis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4164641/publications.pdf>

Version: 2024-02-01

34  
papers

666  
citations

623734

14  
h-index

580821

25  
g-index

34  
all docs

34  
docs citations

34  
times ranked

842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Fine-Scale Structures. I. Spicules and Other Small-Scale, Jet-Like Events at the Chromospheric Level: Observations and Physical Parameters. <i>Space Science Reviews</i> , 2012, 169, 181-244.	8.1	135
2	Forecasting Solar Flares Using Magnetogram-based Predictors and Machine Learning. <i>Solar Physics</i> , 2018, 293, 1.	2.5	107
3	The Solar Orbiter Science Activity Plan. <i>Astronomy and Astrophysics</i> , 2020, 642, A3.	5.1	67
4	Non-neutralized Electric Currents in Solar Active Regions and Flare Productivity. <i>Solar Physics</i> , 2017, 292, 1.	2.5	37
5	Power halo and magnetic shadow in a solar quiet region observed in the H $\alpha$ line. <i>Astronomy and Astrophysics</i> , 2010, 510, A41.	5.1	29
6	First simultaneous SST/CRISP and IRIS observations of a small-scale quiet Sun vortex. <i>Astronomy and Astrophysics</i> , 2016, 586, A25.	5.1	27
7	The flare likelihood and region eruption forecasting (FLARECAST) project: flare forecasting in the big data & machine learning era. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 39.	3.3	24
8	A persistent quiet-Sun small-scale tornado. <i>Astronomy and Astrophysics</i> , 2018, 618, A51.	5.1	23
9	Oscillations in a network region observed in the H $\alpha$ line and their relation to the magnetic field. <i>Astronomy and Astrophysics</i> , 2010, 524, A12.	5.1	22
10	Testing and Improving a Set of Morphological Predictors of Flaring Activity. <i>Solar Physics</i> , 2018, 293, 1.	2.5	20
11	Which Photospheric Characteristics Are Most Relevant to Active-Region Coronal Mass Ejections?. <i>Solar Physics</i> , 2019, 294, 1.	2.5	19
12	Observational study of chromospheric heating by acoustic waves. <i>Astronomy and Astrophysics</i> , 2020, 642, A52.	5.1	19
13	A persistent quiet-Sun small-scale tornado. <i>Astronomy and Astrophysics</i> , 2019, 623, A160.	5.1	15
14	Transmission and conversion of magnetoacoustic waves on the magnetic canopy in a quiet Sun region. <i>Astronomy and Astrophysics</i> , 2014, 567, A62.	5.1	14
15	A persistent quiet-Sun small-scale tornado. <i>Astronomy and Astrophysics</i> , 2020, 643, A166.	5.1	13
16	Active Region Photospheric Magnetic Properties Derived from Line-of-Sight and Radial Fields. <i>Solar Physics</i> , 2018, 293, 1.	2.5	11
17	Emergence of small-scale magnetic flux in the quiet Sun. <i>Astronomy and Astrophysics</i> , 2020, 633, A67.	5.1	10
18	Classification of High-resolution Solar H $\alpha$ Spectra Using t-distributed Stochastic Neighbor Embedding. <i>Astrophysical Journal</i> , 2021, 907, 54.	4.5	10

#	ARTICLE	IF	CITATIONS
19	Hinode SOT/SP and SoHO/MDI quiet Sun magnetic field. Implications of their differences on the extrapolated chromospheric field and the height of the magnetic canopy. <i>Astronomy and Astrophysics</i> , 2011, 531, A66.	5.1	9
20	Energy and helicity budgets of solar quiet regions. <i>Astronomy and Astrophysics</i> , 2014, 564, A86.	5.1	8
21	Probing the Quiet Solar Atmosphere from the Photosphere to the Corona. <i>Solar Physics</i> , 2018, 293, 1.	2.5	7
22	High-resolution spectroscopy of a surge in an emerging flux region. <i>Astronomy and Astrophysics</i> , 2020, 639, A19.	5.1	7
23	Wave propagation in a solar quiet region and the influence of the magnetic canopy. <i>Astronomy and Astrophysics</i> , 2016, 585, A110.	5.1	7
24	Multiple Stokes $Q$ and $U$ inversions for inferring magnetic fields in the spectral range around $\lambda = 5782 \text{ \AA}$ . <i>Astronomy and Astrophysics</i> , 2021, 653, A165.	5.1	6
25	Energy and helicity injection in solar quiet regions. <i>Astronomy and Astrophysics</i> , 2015, 581, A61.	5.1	5
26	High-resolution Spectroscopy of an Erupting Minifilament and Its Impact on the Nearby Chromosphere. <i>Astrophysical Journal</i> , 2020, 898, 144.	4.5	5
27	Chromospheric swirls. <i>Astronomy and Astrophysics</i> , 2022, 663, A94.	5.1	5
28	Building a new space weather facility at the National Observatory of Athens. <i>Advances in Space Research</i> , 2016, 57, 418-430.	2.6	3
29	Magnetic Flux Emergence in a Coronal Hole. <i>Solar Physics</i> , 2020, 295, 1.	2.5	2
30	First Photometric Observations and Preliminary Results of Binaries FO Aurigae and V1025 Herculis. <i>Astrophysics and Space Science</i> , 2006, 304, 129-130.	1.4	0
31	A study of spicules from space observations. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 165-167.	0.0	0
32	The Eugenides Foundation Interactive Exhibition of Science and Technology. , 2010, , .		0
33	The magnetic structure and dynamics of a decaying active region. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 53-57.	0.0	0
34	Revisiting the building blocks of solar magnetic fields by GREGOR. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 38-41.	0.0	0