

Yukinaga Miyashita

List of Publications by Year in descending order

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37
papers

1,377
citations

430754

18
h-index

330025

37
g-index

42
all docs

42
docs citations

42
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
2	The ERG Science Center. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	124
3	A state-of-the-art picture of substorm-associated evolution of the near-Earth magnetotail obtained from superposed epoch analysis. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	107
4	Ballooning mode waves prior to substorm-associated dipolarizations: Geotail observations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	96
5	GEOTAIL observations of flow velocity and north-south magnetic field variations in the near and mid-distant tail associated with substorm onsets. <i>Geophysical Research Letters</i> , 1999, 26, 635-638.	1.5	78
6	A statistical study of variations in the near and mid-distant magnetotail associated with substorm onsets: GEOTAIL observations. <i>Journal of Geophysical Research</i> , 2000, 105, 15913-15930.	3.3	74
7	Tailward flows with positive $\langle B_z \rangle$ in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	57
8	Statistical visualization of the Earth's magnetotail based on Geotail data and the implied substorm model. <i>Annales Geophysicae</i> , 2009, 27, 1035-1046.	0.6	54
9	Near-Earth magnetotail reconnection powers space storms. <i>Nature Physics</i> , 2020, 16, 317-321.	6.5	47
10	Evolution of the magnetotail associated with substorm auroral breakups. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	32
11	GEOTAIL observations of total pressure and electric field variations in the near and mid-distant tail associated with substorm onsets. <i>Geophysical Research Letters</i> , 1999, 26, 639-642.	1.5	31
12	Difference in magnetotail variations between intense and weak substorms. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	29
13	Electrostatic Electron Cyclotron Harmonic Waves as a Candidate to Cause Pulsating Auroras. <i>Geophysical Research Letters</i> , 2018, 45, 12,661.	1.5	29
14	Signatures of Nonideal Plasma Evolution During Substorms Obtained by Mining Multimission Magnetometer Data. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8427-8456.	0.8	27
15	Longitudinal association between magnetotail reconnection and auroral breakup based on Geotail and Polar observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
16	Geotail observations of signatures in the near-Earth magnetotail for the extremely intense substorms of the 30 October 2003 storm. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	22
17	Two-step evolution of auroral acceleration at substorm onset. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	22
18	A statistical study of energy release and transport midway between the magnetic reconnection and initial dipolarization regions in the near-Earth magnetotail associated with substorm expansion onsets. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19

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19	Relationship between magnetotail variations and auroral activities during substorms. <i>Journal of Geophysical Research</i> , 2003, 108, SMP 13-1.	3.3	18
20	Large-scale Ducting of Pc1 Pulsations Observed by Swarm Satellites and Multiple Ground Networks. <i>Geophysical Research Letters</i> , 2018, 45, 12,703.	1.5	17
21	Statistical visualization of the Earth's magnetotail and the implied mechanism of substorm triggering based on superposed-epoch analysis of THEMIS data. <i>Annales Geophysicae</i> , 2014, 32, 99-111.	0.6	15
22	Pressure changes associated with substorm depolarization in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
23	Formation of Post-CME Blobs Observed by LASCO-C2 and K-Cor on 2017 September 10. <i>Astrophysical Journal</i> , 2020, 892, 129.	1.6	14
24	Plasmoids observed in the near-Earth magnetotail at $\sim 7R_E$. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	13
25	Plasma sheet changes caused by sudden enhancements of the solar wind pressure. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
26	Substorm onset process: Ignition of auroral acceleration and related substorm phases. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1044-1059.	0.8	9
27	Stepwise tailward retreat of magnetic reconnection: THEMIS observations of an auroral substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4548-4568.	0.8	9
28	Revisiting substorm events with preonset aurora. <i>Annales Geophysicae</i> , 2018, 36, 1419-1438.	0.6	8
29	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027561.	0.8	7
30	Operational Dst index prediction model based on combination of artificial neural network and empirical model. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 38.	1.1	7
31	Isolated Proton Aurora Driven by EMIC Pc1 Wave: PWING, Swarm, and NOAA POES Multi-Instrument Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095090.	1.5	7
32	A Case Study of Near-Earth Magnetotail Conditions at Substorm and Pseudosubstorm Onsets. <i>Geophysical Research Letters</i> , 2018, 45, 6353-6361.	1.5	5
33	Ionospheric Plasma Density Oscillation Related to EMIC Pc1 Waves. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089000.	1.5	5
34	A Statistical Study of Near-Earth Magnetotail Evolution During Pseudosubstorms and Substorms With THEMIS Data. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026642.	0.8	3
35	Field-Aligned Electron Density Distribution of the Inner Magnetosphere Inferred From Coordinated Observations of Arase and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029073.	0.8	3
36	Transport Path of Cold-Dense Plasmas in the Dusk Magnetotail Plasma Sheet: MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3

#	ARTICLE	IF	CITATIONS
37	Magnetic Field and Energetic Particle Flux Oscillations and High-Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029095.	0.8	2