

# Yuuki Wada

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

625  
citations

840776

11  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Electron Spatial Range Extended by Thundercloud Electric Field Below the Relativistic Runaway Electron Avalanche Threshold. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	6
2	Characteristics of Low-Frequency Pulses Associated With Downward Terrestrial Gamma-Ray Flashes. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	9
3	Observational and Theoretical Overview of High-Energy Atmospheric Physics. <i>Springer Theses</i> , 2021, , 7-39.	0.1	0
4	Generation Possibility of Gamma-Ray Glows Induced by Photonuclear Reactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034101.	3.3	2
5	Meteorological Aspects of Gamma-Ray Glows in Winter Thunderstorms. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091910.	4.0	23
6	Multiple Gamma-Ray Glows and a Downward TGF Observed From Nearby Thunderclouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034543.	3.3	16
7	Observational Studies of Photonuclear Reactions Triggered by Lightning Discharges. <i>Springer Theses</i> , 2021, , .	0.1	2
8	Photonuclear Reactions in Lightning. <i>Springer Theses</i> , 2021, , 59-90.	0.1	0
9	Instrumentation and Observation. <i>Springer Theses</i> , 2021, , 41-58.	0.1	0
10	Catalog of gamma-ray glows during four winter seasons in Japan. <i>Physical Review Research</i> , 2021, 3, .	3.6	16
11	Thundercloud Project: Exploring high-energy phenomena in thundercloud and lightning. <i>Progress of Theoretical and Experimental Physics</i> , 2020, 2020, .	6.6	12
12	Photonuclear Reactions in Lightning: 2. Comparison Between Observation and Simulation Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033194.	3.3	2
13	Photonuclear Reactions in Lightning: 1. Verification and Modeling of Reaction and Propagation Processes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033193.	3.3	3
14	Photoneutron detection in lightning by gadolinium orthosilicate scintillators. <i>Physical Review D</i> , 2020, 101, .	4.7	1
15	High Peak-Current Lightning Discharges Associated With Downward Terrestrial Gamma-Ray Flashes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031730.	3.3	21
16	Downward Terrestrial Gamma-Ray Flash Observed in a Winter Thunderstorm. <i>Physical Review Letters</i> , 2019, 123, 061103.	7.8	36
17	Gamma-ray glow preceding downward terrestrial gamma-ray flash. <i>Communications Physics</i> , 2019, 2, .	5.3	52
18	An estimation of the white dwarf mass in the Dwarf Nova GK Persei with NuSTAR observations of two states. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1564-1571.	4.4	8

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19	Termination of Electron Acceleration in Thundercloud by Intracloud/Intercloud Discharge. Geophysical Research Letters, 2018, 45, 5700-5707.	4.0	38
20	Photonuclear reactions triggered by lightning discharge. Nature, 2017, 551, 481-484.	27.8	129
21	Fabrication of highly efficient polythiophene-sensitized metal oxide photovoltaic cells. Applied Physics Letters, 2003, 83, 5470-5472.	3.3	79
22	Effects of Lithium Ion Density on Electron Transport in Nanoporous TiO <sub>2</sub> Electrodes. Journal of Physical Chemistry B, 2001, 105, 9150-9152.	2.6	153
23	CO <sub>2</sub> -fixation into organic carbonyl compounds in visible-light-induced photocatalysis of linear aromatic compounds. Research on Chemical Intermediates, 2000, 26, 153-159.	2.7	17
24	Electron transport in nano-porous TiO <sub>2</sub> films and its effect on dye-sensitized solar cells. , 0, , .		0