

# 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	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
2	Photonuclear reactions triggered by lightning discharge. Nature, 2017, 551, 481-484.	27.8	129
3	Fabrication of highly efficient polythiophene-sensitized metal oxide photovoltaic cells. Applied Physics Letters, 2003, 83, 5470-5472.	3.3	79
4	Gamma-ray glow preceding downward terrestrial gamma-ray flash. Communications Physics, 2019, 2, .	5.3	52
5	Termination of Electron Acceleration in Thundercloud by Intracloud/Intercloud Discharge. Geophysical Research Letters, 2018, 45, 5700-5707.	4.0	38
6	Downward Terrestrial Gamma-Ray Flash Observed in a Winter Thunderstorm. Physical Review Letters, 2019, 123, 061103.	7.8	36
7	Meteorological Aspects of Gamma-Ray Glows in Winter Thunderstorms. Geophysical Research Letters, 2021, 48, e2020GL091910.	4.0	23
8	High Peak-Current Lightning Discharges Associated With Downward Terrestrial Gamma-Ray Flashes. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031730.	3.3	21
9	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
10	Multiple Gamma-Ray Glows and a Downward TGF Observed From Nearby Thunderclouds. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034543.	3.3	16
11	Catalog of gamma-ray glows during four winter seasons in Japan. Physical Review Research, 2021, 3, .	3.6	16
12	Thundercloud Project: Exploring high-energy phenomena in thundercloud and lightning. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	12
13	Characteristics of Low-Frequency Pulses Associated With Downward Terrestrial Gamma-Ray Flashes. Geophysical Research Letters, 2022, 49, .	4.0	9
14	An estimation of the white dwarf mass in the Dwarf Nova GK Persei with NuSTAR observations of two states. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1564-1571.	4.4	8
15	Atmospheric Electron Spatial Range Extended by Thundercloud Electric Field Below the Relativistic Runaway Electron Avalanche Threshold. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	6
16	Photonuclear Reactions in Lightning: 1. Verification and Modeling of Reaction and Propagation Processes. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033193.	3.3	3
17	Photonuclear Reactions in Lightning: 2. Comparison Between Observation and Simulation Model. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033194.	3.3	2
18	Generation Possibility of Gamma-Ray Glows Induced by Photonuclear Reactions. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034101.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Observational Studies of Photonuclear Reactions Triggered by Lightning Discharges. Springer Theses, 2021, , .	0.1	2
20	Photoneutron detection in lightning by gadolinium orthosilicate scintillators. Physical Review D, 2020, 101, .	4.7	1
21	Electron transport in nano-porous TiO <sub>2</sub> films and its effect on dye-sensitized solar cells. , 0, , .		0
22	Observational and Theoretical Overview of High-Energy Atmospheric Physics. Springer Theses, 2021, , 7-39.	0.1	0
23	Photonuclear Reactions in Lightning. Springer Theses, 2021, , 59-90.	0.1	0
24	Instrumentation and Observation. Springer Theses, 2021, , 41-58.	0.1	0