# Masashi Kamogawa

List of Publications by Year
in descending order

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Version: 2024-02-01

| 72 | 2,184 | 218677 | 223800 |
|---|---|---|---|
| papers | citations | 26 h-index | 46 g-index |

| 72 | 72 | 72 | 1330 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Changes in seismicity pattern due to the 2016 Kumamoto earthquake sequence and implications for improving the foreshock traffic-light system. Tectonophysics, 2022, 822, 229175. | 2.2 | 2 |
| 2 | Lightning Observation System by Measuring Current Flowing through the Grounding Conductor on Mt. Fuji. IEEJ Transactions on Fundamentals and Materials, 2022, 142, 67-79. | 0.2 | 0 |
| 3 | Robust uncertainty quantification of the volume of tsunami ionospheric holes for the 2011ÂTohoku-Oki earthquake: towards low-cost satellite-based tsunami warning systems. Natural Hazards and Earth System Sciences, 2022, 22, 849-868. | 3.6 | 3 |
| 4 | Origin of the intense positive and moderate negative atmospheric electric field variations measured during and after Antarctic blizzards. Atmospheric Research, 2021, 263, 105812. | 4.1 | 1 |
| 5 | Earthquake Precursors and Prediction. Encyclopedia of Earth Sciences Series, 2021, , 193-204. | 0.1 | 0 |
| 6 | The unusual case of the ultra-deep 2015 Ogasawara earthquake (MW7.9): Natural time analysis. Europhysics Letters, 2021, 135, 49002. | 2.0 | 5 |
| 7 | Difference between lightning activities in thunderstorm cells with and without hailfall in western Tokyo. Journal of Atmospheric Electricity, 2021, 40, 10-31. | 0.3 | 1 |
| 8 | High Peakâ€Current Lightning Discharges Associated With Downward Terrestrial Gammaâ€Ray Flashes. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031730. | 3.3 | 21 |
| 9 | Earthquake Precursors and Prediction. Encyclopedia of Earth Sciences Series, 2020, , 1-12. | 0.1 | 1 |
| 10 | System Feasibility of Transient Luminous Events Observation at the Summit of Mt. Fuji. Journal of Atmospheric Electricity, 2020, 39, 52-56. | 0.3 | 0 |
| 11 | Changes in Seismicity Pattern Due to the 2016 Kumamoto Earthquakes Identify a Highly Stressed Area on the Hinagu Fault Zone. Geophysical Research Letters, 2019, 46, 9489-9496. | 4.0 | 20 |
| 12 | Observation of Jumping Cirrus with Ground-Based Cameras, Radiosonde, and Himawari-8. Journal of the Meteorological Society of Japan, 2019, 97, 615-632. | 1.8 | 1 |
| 13 | Is Japanese Folklore Concerning Deepâ€Sea Fish Appearance a Real Precursor of Earthquakes?. Bulletin of the Seismological Society of America, 2019, 109, 1556-1562. | 2.3 | 3 |
| 14 | Gamma-ray glow preceding downward terrestrial gamma-ray flash. Communications Physics, 2019, 2, . | 5.3 | 52 |
| 15 | Ground-based observation of lightning-induced nitrogen oxides at a mountaintop in free troposphere. Journal of Atmospheric Chemistry, 2019, 76, 133-150. | 3.2 | 5 |
| 16 | Nucleation and Cascade Features of Earthquake Mainshock Statistically Explored from Foreshock Seismicity. Entropy, 2019, 21, 421. | 2.2 | 5 |
| 17 | A study of lightning location system (Blitz) based on VLF sferics. , 2018, , . | | 6 |
| 18 | Characterizing Upward Lightning With and Without a Terrestrial Gamma Ray Flash. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,321. | 3.3 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Termination of Electron Acceleration in Thundercloud by Intracloud/Intercloud Discharge. Geophysical Research Letters, 2018, 45, 5700-5707. | 4.0 | 38 |
| 20 | Development of an Analytical Method for the Detection of NO<sub>z</sub> and Its Application to the Atmospheric Analysis at a Mountain Site. Bunseki Kagaku, 2018, 67, 333-340. | 0.2 | 3 |
| 21 | Gamma Ray Signatures of Neutrons From a Terrestrial Gamma Ray Flash. Geophysical Research Letters, 2017, 44, 10,063. | 4.0 | 54 |
| 22 | Survey of Pre-seismic Change of the 2016 Kumamoto Earthquake Using Groundwater Level Data Monitored by Kumamoto-city, Japan. Zisin (Journal of the Seismological Society of Japan 2nd Ser ), 2017, 70, 147-152. | 0.2 | 0 |
| 23 | Development and Application of an Educational 3D X-Ray CT Instrument. Radioisotopes, 2016, 65, 119-128. | 0.2 | 0 |
| 24 | A possible space-based tsunami early warning system using observations of the tsunami ionospheric hole. Scientific Reports, 2016, 6, 37989. | 3.3 | 33 |
| 25 | Seismicity prior to the 2016 Kumamoto earthquakes. Earth, Planets and Space, 2016, 68, . | 2.5 | 30 |
| 26 | Survey of Well Water Anomaly around Sanriku Region in Japan Preceding the 2011 off the Pacific coast of Tohoku Earthquake. Zisin (Journal of the Seismological Society of Japan 2nd Ser ), 2016, 69, 31-34. | 0.2 | 1 |
| 27 | Survey of Well Water Anomaly around Sanriku Region in Japan Preceding the 2011 off the Pacific coast of Tohoku Earthquake. Zisin (Journal of the Seismological Society of Japan 2nd Ser ), 2016, 69, 31-34. | 0.2 | 0 |
| 28 | Diurnal variation of atmospheric electric field at the summit of Mount Fuji, Japan, distinctly different from the Carnegie curve in the summertime. Geophysical Research Letters, 2015, 42, 3019-3023. | 4.0 | 5 |
| 29 | Does an ionospheric hole appear after an inland earthquake?. Journal of Geophysical Research: Space Physics, 2015, 120, 9998-10005. | 2.4 | 8 |
| 30 | Spatiotemporal variations of seismicity before major earthquakes in the Japanese area and their relation with the epicentral locations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 986-989. | 7.1 | 85 |
| 31 | Preseismic Changes of the Level and Temperature of Confined Groundwater related to the 2011 Tohoku Earthquake. Scientific Reports, 2014, 4, 6907. | 3.3 | 52 |
| 32 | Precursory Phenomena Possibly Related to the 2011M9.0 Off the Pacific Coast of Tohoku Earthquake. Journal of Disaster Research, 2014, 9, 303-310. | 0.7 | 17 |
| 33 | Monte Carlo Simulation for the Source of Transient Energetic Radiation Generated by Thunderstorm Activity. Journal of Atmospheric Electricity, 2014, 34, 1-7. | 0.3 | 1 |
| 34 | Simultaneous Observations of Atmospheric Electric Field, Aerosols, and Clouds on the R/V Hakuho Maru over the Pacific Ocean. Journal of Atmospheric Electricity, 2014, 34, 21-26. | 0.3 | 3 |
| 35 | Validation of electron density and temperature observed by DEMETER. Advances in Space Research, 2013, 52, 1267-1273. | 2.6 | 22 |
| 36 | Is an ionospheric electron enhancement preceding the 2011 Tohokuâ€Oki earthquake a precursor?. Journal of Geophysical Research: Space Physics, 2013, 118, 1751-1754. | 2.4 | 65 |

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| 37 | Ionospheric ripples excited by superimposed wave fronts associated with Rayleigh waves in the thermosphere. Journal of Geophysical Research: Space Physics, 2013, 118, 905-911. | 2.4 | 21 |
| 38 | Minimum of the order parameter fluctuations of seismicity before major earthquakes in Japan. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13734-13738. | 7.1 | 130 |
| 39 | Measurement of the atmospheric electric field inside the nonthunderstorm clouds on 2012 BEXUS campaign. Journal of Atmospheric Electricity, 2013, 33, 77-80. | 0.3 | 3 |
| 40 | Seismo-Tsunamigenic Ionospheric Hole Triggered by M 9.0 2011 off the Pacific Coast of Tohoku Earthquake. Terrestrial, Atmospheric and Oceanic Sciences, 2012, 23, 327. | 0.6 | 9 |
| 41 | Preseismic anomalous telluric current signals observed in Kozu-shima Island, Japan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19125-19128. | 7.1 | 37 |
| 42 | Variations of geoelectric potential differences associated with an anomalous volumetric strain change in the region of expected Tokai Earthquake, Japan. Natural Hazards and Earth System Sciences, 2012, 12, 121-127. | 3.6 | 3 |
| 43 | Tsunamigenic ionospheric hole. Geophysical Research Letters, 2012, 39, . | 4.0 | 78 |
| 44 | Daytime longitudinal structures of electron density and temperature in the topside ionosphere observed by the Hinotori and DEMETER satellites. Journal of Geophysical Research, 2011, 116, . | 3.3 | 34 |
| 45 | Migrating source of energetic radiation generated by thunderstorm activity. Geophysical Research Letters, 2011, 38, n/a-n/a. | 4.0 | 66 |
| 46 | Natural time analysis of critical phenomena. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11361-11364. | 7.1 | 120 |
| 47 | Ionospheric disturbances triggered by the 11 March 2011M9.0 Tohoku earthquake. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 173 |
| 48 | Critical analysis of the electrostatic turbulence enhancements observed by DEMETER over the Sichuan region during the earthquake preparation. Natural Hazards and Earth System Sciences, 2011, 11, 561-570. | 3.6 | 7 |
| 49 | Ionospheric disturbance associated with radiation accidents of Fukushima I nuclear power plant damaged by the M9.0 2011 Tohoku Earthquake. Advances in Space Research, 2011, 48, 1613-1616. | 2.6 | 12 |
| 50 | Subterranean electrical structure of Kozu-shima volcanic island, Japan. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2010, 86, 914-919. | 3.8 | 1 |
| 51 | Natural-time analysis of critical phenomena:â€‰Theâ€‰caseâ€‰ofâ€‰seismicity. Europhysics Letters, 2010, 92, 29002. | 2.2 | 40 |
| 52 | Coseismic ionospheric disturbances triggered by the Chiâ€Chi earthquake. Journal of Geophysical Research, 2010, 115, . | 3.3 | 78 |
| 53 | Reply to Comment on â€œThe Prediction of Two Large Earthquakes in Greeceâ€. Eos, 2010, 91, 163-163. | 0.1 | 20 |
| 54 | Short-term earthquake prediction: Current status of seismo-electromagnetics. Tectonophysics, 2009, 470, 205-213. | 2.2 | 214 |

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|---|---|---|---|
| 55 | Analysis of electrical activity and seismicity in the natural time domain for the volcanicâ€seismic swarm activity in 2000 in the Izu Island region, Japan. Journal of Geophysical Research, 2009, 114, . | 3.3 | 97 |
| 56 | Gradual increase of energetic radiation associated with thunderstorm activity at the top of Mt. Fuji. Geophysical Research Letters, 2009, 36, . | 4.0 | 60 |
| 57 | Heterogeneous electrical structure of Kozu-shima volcanic island, Japan. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 476-484. | 3.8 | 3 |
| 58 | Independent component analysis of geoelectric field data in the northern Nagano, Japan. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 435-442. | 3.8 | 16 |
| 59 | Development of newly designed VHF interferometer system for observing earthquake-related atmospheric anomalies. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 485-490. | 3.8 | 2 |
| 60 | The Prediction of Two Large Earthquakes in Greece. Eos, 2008, 89, 363-363. | 0.1 | 50 |
| 61 | Reduction of electron temperature in lowâ€latitude ionosphere at 600 km before and after large earthquakes. Journal of Geophysical Research, 2008, 113, . | 3.3 | 60 |
| 62 | Reply to Comment on â€œPreseismic lithosphere-atmosphere-ionosphere couplingâ€• Eos, 2007, 88, 248-248. | 0.1 | 6 |
| 63 | Ionospheric GPS total electron content (TEC) disturbances triggered by the 26 December 2004 Indian Ocean tsunami. Journal of Geophysical Research, 2006, 111, . | 3.3 | 101 |
| 64 | Preseismic lithosphere-atmosphere-ionosphere coupling. Eos, 2006, 87, 417. | 0.1 | 63 |
| 65 | Earthquake light: 1995 Kobe earthquake in Japan. Atmospheric Research, 2005, 76, 438-444. | 4.1 | 14 |
| 66 | Atmospheric anomalies observed during earthquake occurrences. Geophysical Research Letters, 2004, 31, n/a-n/a. | 4.0 | 76 |
| 67 | Localization of strong ground motions. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 73-78. | 3.8 | 2 |
| 68 | Plasmon model for origin of earthquake related electromagnetic wave noises. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 186-189. | 3.8 | 10 |
| 69 | The interaction between bulk plasmons and electromagnetic waves assisted by surface roughness. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 190-194. | 3.8 | 4 |
| 70 | Possibility of microwave localization to produce an experimental plasma fireball. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 275-280. | 3.8 | 3 |
| 71 | PRODUCTION OF A PLASMA FIREBALL RISING FROM THE WATER SURFACE. Journal of Atmospheric Electricity, 1998, 18, 47-51. | 0.3 | 0 |
| 72 | ELECTROMAGNETIC FIELD MODE IN FIREBALL FORMATION. Journal of Atmospheric Electricity, 1998, 18, 53-57. | 0.3 | 0 |