

# Artem Syssoev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1814429/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Advanced numerical model of lightning development: Application to studying the role of LPCR in determining lightning type. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6416-6430.	3.3	35
2	Numerical Simulation of Stepping and Branching Processes in Negative Lightning Leaders. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031360.	3.3	30
3	Formation of decimeter-scale, long-lived elevated ionic conductivity regions in thunderclouds. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	11
4	From decimeter-scale elevated ionic conductivity regions in the cloud to lightning initiation. Scientific Reports, 2021, 11, 18016.	3.3	9
5	On the Problem of Critical Electric Field of Atmospheric Air. Atmosphere, 2021, 12, 1046.	2.3	5
6	Radiation electric field produced by the lightning leader formation in a thundercloud: Observations and modeling. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 221, 105686.	1.6	5
7	Relay charge transport in thunderclouds and its role in lightning initiation. Scientific Reports, 2022, 12, 7090.	3.3	3