

# Roman V Sidorov

## List of Publications by Year in descending order

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18  
papers

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1307594

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1199594

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35  
times ranked

43  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method for Recognition of Sudden Commencements of Geomagnetic Storms Using Digital Differentiating Filters. Applied Sciences (Switzerland), 2022, 12, 413.	2.5	0
2	Low-Pass Filtering Method for Poisson Data Time Series. Applied Sciences (Switzerland), 2021, 11, 4524.	2.5	1
3	Structure and Density of Sedimentary Basins in the Southern Part of the East-European Platform and Surrounding Area. Applied Sciences (Switzerland), 2021, 11, 512.	2.5	6
4	A Multiscale Approach to Geomagnetic Storm Morphology Analysis Based on DMA Activity Measures. Applied Sciences (Switzerland), 2021, 11, 12120.	2.5	2
5	Sedimentary basins of the eastern Asia Arctic zone: new details on their structure revealed by decompensative gravity anomalies. Solid Earth, 2021, 12, 2773-2788.	2.8	4
6	The combined processing of geomagnetic intensity vector projections and absolute magnitude measurements. Geoscientific Instrumentation, Methods and Data Systems, 2019, 8, 209-215.	1.6	0
7	A combined analysis of geomagnetic data and cosmic ray secondaries for the September 2017 space weather event studies. Russian Journal of Earth Sciences, 2019, 19, 1-10.	0.7	4
8	Early diagnostics of geomagnetic storms based on observations of space monitoring systems. SolneĤno-zemnaĤ Fizika, 2019, 5, 59-67.	0.2	0
9	Saint Petersburg magnetic observatory: from Voeikovo subdivision to INTERMAGNET certification. Geoscientific Instrumentation, Methods and Data Systems, 2017, 6, 473-485.	1.6	12
10	Studying geomagnetic pulsation characteristics with the local approximation method. Geomagnetism and Aeronomy, 2016, 56, 195-202.	0.8	1
11	Klimovskaya: A new geomagnetic observatory. Geomagnetism and Aeronomy, 2016, 56, 342-354.	0.8	12
12	Geomagnetic activity during St. Patrick's Day storm inferred from global and local indicators. Russian Journal of Earth Sciences, 2016, 16, 1-8.	0.7	23
13	The Study of Time Series Using the DMA Methods and Geophysical Applications. Data Science Journal, 2016, 15, .	1.3	24
14	A Method of Filtering Signals Using Local Models and Weighted Averaging Functions. Measurement Techniques, 2015, 58, 1029-1036.	0.6	10
15	Modern geodetic methods for high-accuracy survey coordination on the example of magnetic exploration. Geomagnetism and Aeronomy, 2015, 55, 547-554.	0.8	8
16	Filtration of one-second observations from vector and scalar magnetometers based on approximation piecewise linear models. Geomagnetism and Aeronomy, 2014, 54, 625-632.	0.8	1
17	Use of data of satellite system for gravity recovery and climate experiment (GRACE) for studying and assessment of hydrological-geohydrological characteristics of large river basins. Water Resources, 2012, 39, 514-522.	0.9	4
18	Application of the SP algorithm to the INTERMAGNET magnetograms of the disturbed geomagnetic field. Izvestiya, Physics of the Solid Earth, 2012, 48, 410-414.	0.9	14