

# Leonid M Bogomolov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6761966/publications.pdf>

Version: 2024-02-01

24  
papers

125  
citations

1307543

7  
h-index

1372553

10  
g-index

24  
all docs

24  
docs citations

24  
times ranked

65  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Cross-field particle transport in the edge plasma of tokamak TF-1. <i>Journal of Nuclear Materials</i> , 1990, 176-177, 705-710.  | 2.7 | 26        |
| 2  | Seismotectonic deformations and recent tectonics of the Tien Shan. <i>Izvestiya, Physics of the Solid Earth</i> , 2008, 44, 351-363.  | 0.9 | 12        |
| 3  | Responses of acoustic emission in geomaterials to the action of electric pulses under various values of the compressive load. <i>Izvestiya, Physics of the Solid Earth</i> , 2006, 42, 830-837.                         | 0.9 | 10        |
| 4  | Comparison of the geoacoustic measurements in boreholes with the data of laboratory and in-situ experiments on electromagnetic excitation of rocks. <i>Izvestiya, Physics of the Solid Earth</i> , 2011, 47, 1009-1019. | 0.9 | 10        |
| 5  | Deformation of the Earth's crust in the Northern Tien Shan according to the earthquake focal data and satellite geodesy. <i>Izvestiya, Physics of the Solid Earth</i> , 2010, 46, 230-243.                              | 0.9 | 9         |
| 6  | Neotectonics and tectonic stresses of the Sakhalin Island. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 181-202.   | 0.7 | 9         |
| 7  | On geoeffective solar flares and variations of the seismic noise level. <i>Izvestiya, Physics of the Solid Earth</i> , 2011, 47, 207-222.   | 0.9 | 8         |
| 8  | Do Electromagnetic Pulses Induce the Relaxation or Activation of Microcracking Rate in Loaded Rocks?. <i>Solid State Phenomena</i> , 2008, 137, 199-208.  | 0.3 | 6         |
| 9  | The effect of crossed electric and magnetic fields in loaded rock specimens. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 521-522, 401-404.    | 5.6 | 4         |
| 10 | On the stimulation of acoustic emission in rock samples by electromagnetic fields. <i>Izvestiya, Physics of the Solid Earth</i> , 2011, 47, 926-936.  | 0.9 | 4         |
| 11 | Charge transfer in arcs initiated by disruptions in tokamaks. <i>Journal of Nuclear Materials</i> , 1989, 162-164, 439-442.   | 2.7 | 3         |
| 12 | Instability of SOL Tokamak Plasmas in the Toroidal Limiter Shadow. <i>Contributions To Plasma Physics</i> , 1992, 32, 331-335.  | 1.1 | 3         |
| 13 | Seismoacoustic responses to high-power electric pulses from well logging data at the Bishkek geodynamical test area. <i>Izvestiya, Physics of the Solid Earth</i> , 2014, 50, 692-706.                                  | 0.9 | 3         |
| 14 | Influence of weak electric field on spatial-temporal dynamics of damage evolution during granite deformation. <i>AIP Conference Proceedings</i> , 2015, , .   | 0.4 | 3         |
| 15 | Neotectonic and modern stresses of South Sakhalin. <i>Russian Journal of Pacific Geology</i> , 2017, 11, 223-235.   | 0.7 | 3         |
| 16 | Stability conditions for kink and tearing modes in tokamaks. <i>Nuclear Fusion</i> , 1987, 27, 241-253.   | 3.5 | 2         |
| 17 | A phenomenological model describing the flow of excited emission signals of a geophysical medium. <i>Izvestiya, Physics of the Solid Earth</i> , 2006, 42, 785-793.   | 0.9 | 2         |
| 18 | Patterns of stress drop in earthquakes of the Northern Tien Shan. <i>Russian Geology and Geophysics</i> , 2016, 57, 1635-1645.  | 0.7 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | On the stress state of the Sakhalin crust according to the data of drilling deep boreholes. Russian Journal of Pacific Geology, 2017, 11, 25-33.                                  | 0.7 | 2         |
| 20 | Determination of the boron content of supplementary neutron poisons in critical assemblies by activation analysis. Soviet Atomic Energy, 1988, 65, 563-568.                       | 0.1 | 1         |
| 21 | Electric arc discharge in the tokamak TV-1. Journal of Nuclear Materials, 1989, 162-164, 443-447.   | 2.7 | 1         |
| 22 | Vertical shift and current flow to limiters during disruptions in tokamaks. Journal of Nuclear Materials, 1992, 196-198, 676-679.   | 2.7 | 1         |
| 23 | Stress drop in the sources of intermediate-magnitude earthquakes in northern Tien Shan. Izvestiya, Physics of the Solid Earth, 2014, 50, 415-426.                                 | 0.9 | 1         |
| 24 | Surface Dissipation Effects in Tokamak Poloidal Divertor Plasmas: Pfirsch-Schlüter Currents and Space Potential Distribution. Contributions To Plasma Physics, 1994, 34, 259-264. | 1.1 | 0         |