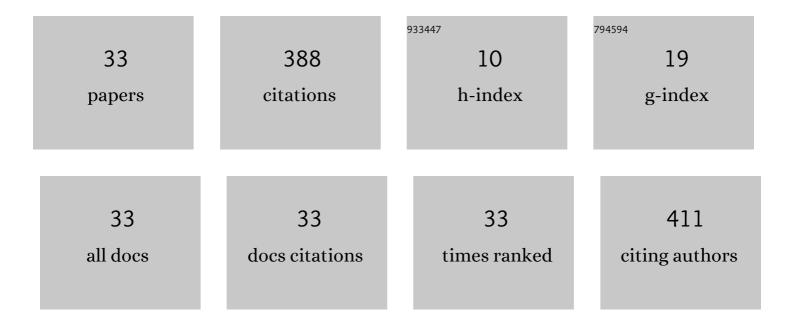
## Bidzina M Shergelashvili

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Categorization model of moving small-scale intensity enhancements in solar active regions. Astronomy and Astrophysics, 2022, 662, A30.	5.1	1
2	Case study on the identification and classification of small-scale flow patterns in flaring active region. Astronomy and Astrophysics, 2021, 645, A52.	5.1	2
3	Eigenspectra of solar active region long-period oscillations. Astronomy and Astrophysics, 2021, 653, A39.	5.1	1
4	Spatio-temporal bands of coronal bright points and their relation to solar torsional oscillations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3717-3723.	4.4	2
5	A new class of discontinuous solar wind solutions. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1023-1034.	4.4	4
6	Fire-hose instability of inhomogeneous plasma flows with heat fluxes. Physics of Plasmas, 2020, 27, 112901.	1.9	3
7	Determination of the solar rotation parameters via orthogonal polynomials. Advances in Space Research, 2020, 65, 1843-1851.	2.6	2
8	Comparative analysis of solar radio bursts before and during CME propagation. Astronomy and Astrophysics, 2019, 625, A63.	5.1	2
9	Study of the solar coronal hole rotation. Advances in Space Research, 2018, 61, 3039-3050.	2.6	6
10	Evidence for Precursors of the Coronal Hole Jets in Solar Bright Points. Astrophysical Journal Letters, 2018, 855, L21.	8.3	9
11	MHD Kelvin-Helmholtz instability in the anisotropic solar wind plasma. Physics of Plasmas, 2018, 25, .	1.9	9
12	Association between Tornadoes and Instability of Hosting Prominences. Astrophysical Journal, 2018, 861, 112.	4.5	4
13	Long-period oscillations of active region patterns: least-squares mapping on second-order curves. Astronomy and Astrophysics, 2017, 597, A93.	5.1	6
14	Quasi-oscillatory dynamics observed in ascending phase of the flare on March 6, 2012. Astronomy and Astrophysics, 2017, 600, A67.	5.1	3
15	Statistical properties of coronal hole rotation rates: Are they linked to the solar interior?. Astronomy and Astrophysics, 2017, 603, A134.	5.1	24
16	RIEGER-TYPE PERIODICITY DURING SOLAR CYCLES 14–24: ESTIMATION OF DYNAMO MAGNETIC FIELD STRENGTH IN THE SOLAR INTERIOR. Astrophysical Journal, 2016, 826, 55.	4.5	45
17	DYNAMICS OF A SOLAR PROMINENCE TORNADO OBSERVED BY <i>SDO</i> /AIA ON 2012 NOVEMBER 7–8. Astrophysical Journal, 2015, 810, 89.	4.5	10
18	Formation and evolution of coronal rain observed by SDO/AIA on February 22, 2012. Astronomy and Astrophysics, 2015, 577, A136.	5.1	24

#	Article	IF	CITATIONS
19	Investigation of Solar Rotation Using Coronal Holes. Astrophysics, 2015, 58, 575-579.	0.5	8
20	Decameter Type III Bursts with Changing Frequency Drift-Rate Signs. Solar Physics, 2015, 290, 193-203.	2.5	11
21	Overstability of acoustic waves in strongly magnetized anisotropic magnetohydrodynamic shear flows. Physics of Plasmas, 2014, 21, 082902.	1.9	2
22	ON THE LOW-FREQUENCY BOUNDARY OF SUN-GENERATED MAGNETOHYDRODYNAMIC TURBULENCE IN THE SLOW SOLAR WIND. Astrophysical Journal, 2012, 752, 142.	4.5	10
23	Nonequilibrium relation between potential and stationary distribution for driven diffusion. Physical Review E, 2009, 80, 011121.	2.1	14
24	A Selection of Nonequilibrium Issues. Lecture Notes in Mathematics, 2009, , 1-60.	0.2	10
25	Acoustic oscillations in the field-free, gravitationally stratified cavities under solar bipolar magnetic canopies. Astronomy and Astrophysics, 2009, 505, 763-770.	5.1	20
26	Correlated flares in models of a magnetized "canopy― Physica A: Statistical Mechanics and Its Applications, 2008, 387, 167-176.	2.6	5
27	Acoustic oscillations in a field-free cavity under solar small-scale bipolar magnetic canopy. Annales Geophysicae, 2008, 26, 2983-2989.	1.6	26
28	Amplification of compressional magnetohydrodynamic waves in systems with forced entropy oscillations. Physical Review E, 2007, 76, 046404.	2.1	10
29	Rossby waves in "shallow water―magnetohydrodynamics. Astronomy and Astrophysics, 2007, 470, 815-820.	5.1	77
30	Nonmodal Cascade in the Compressible Solar Atmosphere: Self-Heating, an Alternative Way to Enhance Wave Heating. Astrophysical Journal, 2006, 642, L73-L76.	4.5	22
31	"Swing Absorption―of fast magnetosonic waves in inhomogeneous media. Astronomy and Astrophysics, 2005, 429, 767-777.	5.1	9
32	On the effect of the inhomogeneous subsurface flows on the high degree solarp-modes. Astronomy and Astrophysics, 2005, 438, 1083-1097.	5.1	6
33	"Swing Absorption―of fast magnetosonic waves in inhomogeneous media. Astronomy and Astrophysics, 2005, 433, 15-15.	5.1	1