

# Lokesh Bharti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2138126/publications.pdf>

Version: 2024-02-01

9  
papers

149  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of opposite polarities in a sunspot light bridge: evidence of low-altitude magnetic reconnection. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1291-1295.	4.4	41
2	Observations of Dark Lanes in Umbral Fine Structure from the <i>Hinode</i> Solar Optical Telescope: Evidence for Magnetoconvection. Astrophysical Journal, 2007, 669, L57-L60.	4.5	35
3	Evidence for Magnetoconvection in Sunspot Umbral Dots. Astrophysical Journal, 2007, 665, L79-L82.	4.5	32
4	Spectropolarimetry of umbral fine structures from Hinode: evidence for magnetoconvection. Monthly Notices of the Royal Astronomical Society, 2009, 393, 65-70.	4.4	18
5	CAN OVERTURNING MOTIONS IN PENUMBRAL FILAMENTS BE DETECTED?. Astrophysical Journal, 2011, 739, 35.	4.5	11
6	Probing the Role of Magnetic-Field Variations in NOAA AR 8038 in Producing a Solar Flare and CME on 12 May 1997. Solar Physics, 2011, 271, 57-74.	2.5	10
7	Enhanced Joule Heating in Umbral Dots. Solar Physics, 2007, 245, 239-245.	2.5	1
8	Opposite Polarity Magnetic Fields and Convective Downflows in a Simulated Sunspot Penumbra. Astrophysical Journal, 2019, 884, 94.	4.5	1
9	Variation in cosmic ray flux during Solar Eclipse on 21 June, 2020 at Jaipur, India. Astroparticle Physics, 2022, 136, 102659.	4.3	0