

Marcos E Machado

List of Publications by Year in descending order

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33
papers

1,088
citations

516710

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32
g-index

33
all docs

33
docs citations

33
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray imaging of three flares during the impulsive phase. Solar Physics, 1982, 81, 137-157.	2.5	154
2	Multi-thermal observations of newly formed loops in a dynamic flare. Solar Physics, 1987, 108, 237-250.	2.5	130
3	The observed characteristics of flare energy release. I - Magnetic structure at the energy release site. Astrophysical Journal, 1988, 326, 425.	4.5	124
4	Radiative backwarming in white-light flares. Solar Physics, 1989, 124, 303-317.	2.5	83
5	The structure of the temperature minimum region in solar flares and its significance for flare heating mechanisms. Solar Physics, 1978, 58, 363-387.	2.5	62
6	Analysis of the August 7, 1972 white light flare: Its spectrum and vertical structure. Solar Physics, 1974, 38, 499-516.	2.5	58
7	The flares of April 1980. Solar Physics, 1983, 85, 157-184.	2.5	57
8	The white-light flare of 1982 June 15 - Models. Astrophysical Journal, 1990, 360, 715.	4.5	50
9	Flare model chromospheres and photospheres. Solar Physics, 1975, 42, 395-420.	2.5	47
10	The Queens' flare: Its structure and development; precursors, pre-flare brightenings, and aftermaths. Solar Physics, 1983, 84, 205-235.	2.5	44
11	The observed characteristics of flare energy release. II - High-speed soft X-ray fronts. Astrophysical Journal, 1988, 326, 451.	4.5	40
12	Spatial and temporal evolution of soft and hard X-ray emission in a solar flare. Solar Physics, 1982, 79, 85-106.	2.5	36
13	The heating of the temperature minimum region in solar flares ? A reassessment. Solar Physics, 1979, 64, 129-134.	2.5	20
14	Large-scale brightenings associated with flares. Solar Physics, 1992, 141, 147-164.	2.5	20
15	Lyman continuum observations of solar flares. Solar Physics, 1978, 59, 129-140.	2.5	17
16	Hard X-ray imaging evidence of nonthermal and thermal burst components. Solar Physics, 1985, 99, 189-217.	2.5	17
17	Flare onsets in hard and soft X-rays. Advances in Space Research, 1986, 6, 101-104.	2.6	17
18	Soft X-ray emission and chromospheric flares. Solar Physics, 1978, 60, 341-351.	2.5	15

#	ARTICLE	IF	CITATIONS
19	An evidence of flare energy buildup and release related to magnetic shear and reconnection. Solar Physics, 1985, 99, 159-166.	2.5	14
20	Energy transfer in solar flares. Advances in Space Research, 1982, 2, 115-133.	2.6	12
21	Interpretation of hard X-ray images during the impulsive phase of a limb flare. Advances in Space Research, 1984, 4, 239-241.	2.6	11
22	Observed form and action of the magnetic energy release in flares. Advances in Space Research, 1986, 6, 217-226.	2.6	10
23	Spectral analysis of sunspot flares. Solar Physics, 1973, 29, 75-92.	2.5	8
24	Energetics of a compact flare. Solar Physics, 1983, 89, 133-147.	2.5	8
25	Evidence for the photospheric origin of the flare optical continuum. Solar Physics, 1971, 17, 389-391.	2.5	7
26	Analysis of two active prominences. Solar Physics, 1972, 23, 353-359.	2.5	6
27	On the hard X-ray spatial structure during the impulsive phase of solar flares. Solar Physics, 1987, 107, 263-269.	2.5	5
28	Lyman Continuum Observations of Solar Flares Using SDO/EVE. Astrophysical Journal, 2018, 869, 63.	4.5	5
29	Macroscopic motions in prominences. Solar Physics, 1973, 31, 427-436.	2.5	4
30	On the origin of the flare optical continuum. Solar Physics, 1976, 49, 91.	2.5	4
31	The flares of April, 1980. Advances in Space Research, 1982, 2, 101-104.	2.6	2
32	Magnetic Energy Storage and Conversion in Transient Solar Activity. Journal of Geomagnetism and Geoelectricity, 1991, 43, 1-9.	0.9	1
33	Use of RHESSI observations to determine the origin and fate of non-thermal flare electrons. Advances in Space Research, 2004, 34, 451-455.	2.6	0