Marc David

List of Publications by Citations

34 papers	10,716 citations	13 h-index	34 g-index
34 ext. papers	12,875 ext. citations	3.3 avg, IF	3.38 L-index

#	Paper	IF	Citations
34	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A1	5.1	4787
33	TheGaiamission. *Astronomy and Astrophysics*, **2016**, 595, A1	5.1	2933
32	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A2	5.1	1364
31	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A10	5.1	438
30	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A12	5.1	384
29	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A11	5.1	237
28	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A14	5.1	100
27	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A5	5.1	96
26	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A6	5.1	78
25	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 601, A19	5.1	71
24	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 605, A79	5.1	64
23	Gaia Data Release 2. *Astronomy and Astrophysics*, **2018**, 616, A13	5.1	56
22	The Belgian repository of fundamental atomic data and stellar spectra (BRASS). *Astronomy and Astrophysics*, **2018**, 612, A60	5.1	13
21	Gaia spectroscopy: processing, performances and scientific returns. *EAS Publications Series*, **2010**, 45, 189-194	0.2	12
20	The Critical Voltage Effect in Transmission Electron Microscopy. I. Eigenvalue Degeneracy in the Three-Beam Case. *Physica Status Solidi (B): Basic Research*, **1974**, 66, 471-482	1.3	10
19	The critical voltage effect in transmission electron microscopy. II. A theoretical study neglecting absorption effects. *Physica Status Solidi (B): Basic Research*, **1975**, 67, 273-286	1.3	9
18	The Critical Voltage Effect in Transmission Electron Microscopy IV. Influence of High-Order Systematic Reflections. *Physica Status Solidi (B): Basic Research*, **1975**, 70, 577-590	1.3	8

17	The Critical Voltage Effect in Transmission Electron Microscopy: VI. Renormalized Perturbation Theory for the Treatment of Absorption. *Physica Status Solidi (B): Basic Research*, **1976**, 74, 359-373	1.3	7
16	Gaia Early Data Release 3. *Astronomy and Astrophysics*, **2021**, 653, A160	5.1	7
15	The Belgian repository of fundamental atomic data and stellar spectra. *Canadian Journal of Physics*, **2017**, 95, 833-839	1.1	6
14	A multi-method approach to radial-velocity measurement for single-object spectra. *Astronomy and Astrophysics*, **2014**, 562, A97	5.1	6
13	The critical voltage effect in transmission electron microscopy. III. Influence of weak beams on degeneracy. *Physica Status Solidi (B): Basic Research*, **1975**, 69, 557-567	1.3	5
12	The Critical Voltage Effect in Transmission Electron Microscopy. VIII. The Qualitative Influence of Non-Systematic Reflections on the Critical Voltage. *Physica Status Solidi (B): Basic Research*, **1977**, 80, 477-490	1.3	5
11	The critical voltage effect in transmission electron microscopy. V. The case of non-centrosymmetric crystals. *Physica Status Solidi (B): Basic Research*, **1975**, 72, 123-133	1.3	4
10	The critical voltage effect in transmission electron microscopy. VII. The Influence of Absorption. *Physica Status Solidi (B): Basic Research*, **1977**, 79, 215-230	1.3	4
9	A comment on the calculation of rocking curves near the critical voltage in electron diffraction. *Acta Crystallographica Section A: Foundations and Advances*, **1985**, 41, 204-206		3
8	The Belgian Repository of Fundamental Atomic Data and Stellar Spectra (BRASS) Identifying Fruitful Methods for Producing Atomic Data. *Galaxies*, **2018**, 6, 78	2	3
7	The critical voltage effect in transmission electron microscopy. IX. The Calculation of Critical Voltages and Experimental Extinction Distances in Complicated Many-Beam Systems. *Physica Status Solidi (B): Basic Research*, **1977**, 84, 133-147	1.3	2
6	The Critical Voltage Effect in Transmission Electron Microscopy. X. Experimental Observatisons in the Presence of Non-Systematic Reflections. *Physica Status Solidi (B): Basic Research*, **1978**, 87, 419-432	1.3	2
5	A test field forGaia. *Astronomy and Astrophysics*, **2017**, 597, A10	5.1	1
4	Minimizing Radial-velocity Errors caused by Spectral-type Mismatch in Early-type Stars. *International Astronomical Union Colloquium*, **1999**, 170, 108-112		1
3	The Belgian Repository of Fundamental Atomic Data and Stellar Spectra (BRASS). *Atoms*, **2019**, 7, 105	2.1	0
2	Detectability of micro-variables in the ASAS database. *Astronomy and Astrophysics*, **2013**, 557, A47	5.1	
1	The Critical Voltage Effect in Zone Axis Patterns. A Theoretical Study. *Physica Status Solidi (B): Basic Research*, **1980**, 98, 349-364	1.3	