

# Marc David

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4393449/marc-david-publications-by-year.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A160	5.1	7
33	The Belgian Repository of Fundamental Atomic Data and Stellar Spectra (BRASS). <i>Atoms</i> , <b>2019</b> , 7, 105	2.1	0
32	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A10	5.1	438
31	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A6	5.1	78
30	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A1	5.1	4787
29	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A12	5.1	384
28	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A11	5.1	237
27	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A13	5.1	56
26	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A14	5.1	100
25	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A5	5.1	96
24	The Belgian repository of fundamental atomic data and stellar spectra (BRASS). <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A60	5.1	13
23	The Belgian Repository of Fundamental Atomic Data and Stellar Spectra (BRASS) Identifying Fruitful Methods for Producing Atomic Data. <i>Galaxies</i> , <b>2018</b> , 6, 78	2	3
22	The Belgian repository of fundamental atomic data and stellar spectra. <i>Canadian Journal of Physics</i> , <b>2017</b> , 95, 833-839	1.1	6
21	A test field forGaia. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A10	5.1	1
20	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
19	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
18	TheGaia mission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933

17	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
16	A multi-method approach to radial-velocity measurement for single-object spectra. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A97	5.1	6
15	Detectability of micro-variables in the ASAS database. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 557, A47	5.1	
14	Gaia spectroscopy: processing, performances and scientific returns. <i>EAS Publications Series</i> , <b>2010</b> , 45, 189-194	0.2	12
13	Minimizing Radial-velocity Errors caused by Spectral-type Mismatch in Early-type Stars. <i>International Astronomical Union Colloquium</i> , <b>1999</b> , 170, 108-112		1
12	A comment on the calculation of rocking curves near the critical voltage in electron diffraction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>1985</b> , 41, 204-206		3
11	The Critical Voltage Effect in Zone Axis Patterns. A Theoretical Study. <i>Physica Status Solidi (B): Basic Research</i> , <b>1980</b> , 98, 349-364	1.3	
10	The Critical Voltage Effect in Transmission Electron Microscopy. X. Experimental Observations in the Presence of Non-Systematic Reflections. <i>Physica Status Solidi (B): Basic Research</i> , <b>1978</b> , 87, 419-432	1.3	2
9	The critical voltage effect in transmission electron microscopy. VII. The Influence of Absorption. <i>Physica Status Solidi (B): Basic Research</i> , <b>1977</b> , 79, 215-230	1.3	4
8	The Critical Voltage Effect in Transmission Electron Microscopy. VIII. The Qualitative Influence of Non-Systematic Reflections on the Critical Voltage. <i>Physica Status Solidi (B): Basic Research</i> , <b>1977</b> , 80, 477-490	1.3	5
7	The critical voltage effect in transmission electron microscopy. IX. The Calculation of Critical Voltages and Experimental Extinction Distances in Complicated Many-Beam Systems. <i>Physica Status Solidi (B): Basic Research</i> , <b>1977</b> , 84, 133-147	1.3	2
6	The Critical Voltage Effect in Transmission Electron Microscopy: VI. Renormalized Perturbation Theory for the Treatment of Absorption. <i>Physica Status Solidi (B): Basic Research</i> , <b>1976</b> , 74, 359-373	1.3	7
5	The critical voltage effect in transmission electron microscopy. II. A theoretical study neglecting absorption effects. <i>Physica Status Solidi (B): Basic Research</i> , <b>1975</b> , 67, 273-286	1.3	9
4	The critical voltage effect in transmission electron microscopy. III. Influence of weak beams on degeneracy. <i>Physica Status Solidi (B): Basic Research</i> , <b>1975</b> , 69, 557-567	1.3	5
3	The Critical Voltage Effect in Transmission Electron Microscopy IV. Influence of High-Order Systematic Reflections. <i>Physica Status Solidi (B): Basic Research</i> , <b>1975</b> , 70, 577-590	1.3	8
2	The critical voltage effect in transmission electron microscopy. V. The case of non-centrosymmetric crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>1975</b> , 72, 123-133	1.3	4
1	The Critical Voltage Effect in Transmission Electron Microscopy. I. Eigenvalue Degeneracy in the Three-Beam Case. <i>Physica Status Solidi (B): Basic Research</i> , <b>1974</b> , 66, 471-482	1.3	10