

# Marcel Zemp

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2633061/publications.pdf>

Version: 2024-02-01

18  
papers

1,598  
citations

516710

16  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halo es gone MAD...: The Halo-Finder Comparison Project. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2293-2318.	4.4	302
2	Does the Fornax dwarf spheroidal have a central cusp or core?. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1073-1077.	4.4	213
3	Dark matter direct detection with non-Maxwellian velocity structure. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 030-030.	5.4	182
4	Cusps in cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2005, 364, 665-673.	4.4	168
5	A multiphysics and multiscale software environment for modeling astrophysical systems. New Astronomy, 2009, 14, 369-378.	1.8	146
6	Structure finding in cosmological simulations: the state of affairs. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1618-1658.	4.4	138
7	ON DETERMINING THE SHAPE OF MATTER DISTRIBUTIONS. Astrophysical Journal, Supplement Series, 2011, 197, 30.	7.7	99
8	The graininess of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 394, 641-659.	4.4	64
9	THE IMPACT OF BARYON PHYSICS ON THE STRUCTURE OF HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2012, 748, 54.	4.5	56
10	THE DISTRIBUTION OF COALESCING COMPACT BINARIES IN THE LOCAL UNIVERSE: PROSPECTS FOR GRAVITATIONAL-WAVE OBSERVATIONS. Astrophysical Journal Letters, 2010, 725, L91-L96.	8.3	52
11	REVISITING THE FIRST GALAXIES: THE EPOCH OF POPULATION III STARS. Astrophysical Journal, 2013, 773, 19.	4.5	36
12	Multimass spherical structure models for N-body simulations. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1543-1556.	4.4	35
13	An optimum time-stepping scheme for N-body simulations. Monthly Notices of the Royal Astronomical Society, 2007, 376, 273-286.	4.4	26
14	ON PHYSICAL SCALES OF DARK MATTER HALOS. Astrophysical Journal, 2014, 792, 124.	4.5	26
15	HALO RETENTION AND EVOLUTION OF COALESCING COMPACT BINARIES IN COSMOLOGICAL SIMULATIONS OF STRUCTURE FORMATION: IMPLICATIONS FOR SHORT GAMMA-RAY BURSTS. Astrophysical Journal, 2009, 705, L186-L190.	4.5	23
16	REVISITING THE FIRST GALAXIES: THE EFFECTS OF POPULATION III STARS ON THEIR HOST GALAXIES. Astrophysical Journal, 2013, 772, 106.	4.5	23
17	THE STRUCTURE OF COLD DARK MATTER HALOS: RECENT INSIGHTS FROM HIGH RESOLUTION SIMULATIONS. Modern Physics Letters A, 2009, 24, 2291-2305.	1.2	9
18	Simulations of Recoiling Massive Black Holes. Proceedings of the International Astronomical Union, 2009, 5, 262-262.	0.0	0