

# Maret Einasto

## List of Publications by Year in descending order

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52  
papers

1,133  
citations

394286

19  
h-index

414303

32  
g-index

53  
all docs

53  
docs citations

53  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Corona Borealis supercluster: connectivity, collapse, and evolution. <i>Astronomy and Astrophysics</i> , 2021, 649, A51.	2.1	9
2	Evolution of skewness and kurtosis of cosmic density fields. <i>Astronomy and Astrophysics</i> , 2021, 652, A94.	2.1	11
3	Properties of brightest group galaxies in cosmic web filaments. <i>Astronomy and Astrophysics</i> , 2020, 639, A71.	2.1	14
4	Mapping the working of environmental effects in A963. <i>Astronomy and Astrophysics</i> , 2020, 638, A126.	2.1	4
5	Multiscale cosmic web detachments, connectivity, and preprocessing in the supercluster SCL A2142 cocoon. <i>Astronomy and Astrophysics</i> , 2020, 641, A172.	2.1	25
6	Evolution of superclusters in the cosmic web. <i>Astronomy and Astrophysics</i> , 2019, 623, A97.	2.1	18
7	A Redshift Survey of the Nearby Galaxy Cluster A2107: Global Rotation of the Cluster and Its Connection to Large-scale Structures in the Universe. <i>Astrophysical Journal</i> , 2018, 869, 124.	1.6	9
8	Supercluster A2142 and collapse in action: infalling and merging groups and galaxy transformations. <i>Astronomy and Astrophysics</i> , 2018, 620, A149.	2.1	14
9	Infalling groups and galaxy transformations in the cluster A2142. <i>Astronomy and Astrophysics</i> , 2018, 610, A82.	2.1	20
10	BOSS Great Wall: morphology, luminosity, and mass. <i>Astronomy and Astrophysics</i> , 2017, 603, A5.	2.1	6
11	STAR FORMATION AND SUPERCLUSTER ENVIRONMENT OF 107 NEARBY GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2017, 835, 56.	1.6	8
12	Galaxy evolution in merging clusters: The passive core of the "Train Wreck" cluster of galaxies, A2142. <i>Astronomy and Astrophysics</i> , 2017, 607, A131.	2.1	24
13	Sloan Great Wall as a complex of superclusters with collapsing cores. <i>Astronomy and Astrophysics</i> , 2016, 595, A70.	2.1	25
14	QUASARS AS A TRACER OF LARGE-SCALE STRUCTURES IN THE DISTANT UNIVERSE. <i>Astrophysical Journal</i> , 2016, 827, 104.	1.6	11
15	Unusual A2142 supercluster with a collapsing core: distribution of light and mass. <i>Astronomy and Astrophysics</i> , 2015, 580, A69.	2.1	26
16	Characteristic density contrasts in the evolution of superclusters. The case of A2142 supercluster. <i>Astronomy and Astrophysics</i> , 2015, 581, A135.	2.1	17
17	LARGE SDSS QUASAR GROUPS AND THEIR STATISTICAL SIGNIFICANCE. <i>Journal of the Korean Astronomical Society</i> , 2015, 48, 75-82.	1.5	14
18	Tracing high redshift cosmic web with quasar systems. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 161-166.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Tracing a high redshift cosmic web with quasar systems. <i>Astronomy and Astrophysics</i> , 2014, 568, A46.	2.1	18
20	STAR FORMATION AND SUBSTRUCTURE IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 783, 136.	1.6	25
21	Finding and characterising WHIM structures using the luminosity density method. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 368-371.	0.0	0
22	It takes a supercluster to raise a galaxy. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 412-415.	0.0	0
23	Groups in the Millennium Simulation and in SDSS DR7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 380-394.	1.6	24
24	THE SLOAN GREAT WALL. MORPHOLOGY AND GALAXY CONTENT. <i>Astrophysical Journal</i> , 2011, 736, 51.	1.6	61
25	Toward Understanding Rich Superclusters. <i>Astrophysical Journal</i> , 2008, 685, 83-104.	1.6	29
26	Deep slices and the Supercluster-Void Network. <i>Astrophysics and Space Science</i> , 2004, 290, 187-193.	0.5	5
27	Optical and X-Ray Clusters as Tracers of the Supercluster-Void Network. III. Distribution of Abell and APM Clusters. <i>Astronomical Journal</i> , 2002, 123, 51-65.	1.9	17
28	Optical and X-Ray Clusters as Tracers of the Supercluster-Void Network. II. The Spatial Correlation Function. <i>Astronomical Journal</i> , 2002, 123, 37-50.	1.9	14
29	Optical and X-Ray Clusters as Tracers of the Supercluster-Void Network. I. Superclusters of Abell and X-Ray Clusters. <i>Astronomical Journal</i> , 2001, 122, 2222-2242.	1.9	138
30	Dark Matter in Groups and Clusters of Galaxies. <i>International Astronomical Union Colloquium</i> , 2000, 174, 360-372.	0.1	2
31	Steps toward the Power Spectrum of Matter. II. The Biasing Correction with $\delta$ 8 Normalization. <i>Astrophysical Journal</i> , 1999, 519, 456-468.	1.6	23
32	Steps toward the Power Spectrum of Matter. III. The Primordial Spectrum. <i>Astrophysical Journal</i> , 1999, 519, 469-478.	1.6	10
33	Steps toward the Power Spectrum of Matter. I. The Mean Spectrum of Galaxies. <i>Astrophysical Journal</i> , 1999, 519, 441-455.	1.6	22
34	The Distribution of BCDGs in Voids. <i>Highlights of Astronomy</i> , 1998, 11, 111-112.	0.0	0
35	The supercluster-void network - II. An oscillating cluster correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 289, 801-812.	1.6	46
36	The supercluster-void network - III. The correlation function as a geometrical statistic. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 289, 813-823.	1.6	23

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37	A 120-Mpc periodicity in the three-dimensional distribution of galaxy superclusters. <i>Nature</i> , 1997, 385, 139-141.	13.7	138
38	Morphological segregation of early-type galaxies in the Virgo cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 273, 913-917.	1.6	9
39	The structure of the Universe traced by rich clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 269, 301-322.	1.6	102
40	The fraction of matter in voids. <i>Astrophysical Journal</i> , 1994, 429, 465.	1.6	19
41	Clustering properties of galaxies: an empirical model. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 258, 571-577.	1.6	4
42	Can morphological segregations of galaxies exist on 10 h <sup>-1</sup> Mpc scales?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 255, 382-388.	1.6	8
43	Structure and formation of superclusters - XIV. Correlation functions: dependence on the intrinsic properties of galaxy samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 252, 261-270.	1.6	27
44	Structure and formation of superclusters - XII. Morphological and luminosity segregation of normal and dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 250, 802-811.	1.6	10
45	Structure and formation of superclusters - XIII. The void probability function. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 248, 593-605.	1.6	24
46	Isolated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1990, 242, 56-58.	1.6	1
47	Structure and formation of superclusters - X. Fractal properties of superclusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 237, 929-938.	1.6	13
48	Structure and formation of superclusters – IX. Self-similarity of voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 238, 155-177.	1.6	32
49	Distribution of galaxies of different luminosity in the virgo supercluster. , 1989, , 134-144.		0
50	Quantitative study of the large-scale distribution of galaxies: fractal structure of the universe. , 1989, , 220-229.		0
51	Structure and formation of superclusters - VII. Distribution of bright and faint galaxies in the Virgo supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 234, 37-50.	1.6	7
52	Structure and formation of superclusters - VI. Morphology-density-luminosity relation of isolated and grouped galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1987, 226, 543-562.	1.6	27