

Manolis Plionis

List of Publications by Year in descending order

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152
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citations

126907

33
h-index

175258

52
g-index

158
all docs

158
docs citations

158
times ranked

2701
citing authors

#	ARTICLE	IF	CITATIONS
1	The XXL survey. <i>Astronomy and Astrophysics</i> , 2022, 663, A3.	5.1	10
2	Dependence of the dynamical properties of light-cone simulation dark matter halos on their environment. <i>Astronomy and Astrophysics</i> , 2021, 647, A74.	5.1	0
3	Independent cosmological constraints from high-z H _{II} galaxies: new results from VLT-KMOS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1441-1457.	4.4	33
4	Cosmological constraints using the newest VLT-KMOS H _{II} galaxies and the full <i>Planck</i> CMB spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5039-5045.	4.4	4
5	Using our newest VLT-KMOS HII galaxies and other cosmic tracers to test the Lambda cold dark matter tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 224-231.	4.4	14
6	Internal kinematics of giant H _{II} regions in M101 with the Keck Cosmic Web Imager. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4347-4365.	4.4	11
7	Independent cosmological constraints from high-z H _{II} galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4669-4694.	4.4	39
8	A simulated annealing algorithm to quantify patterns in astronomical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5904-5920.	4.4	1
9	An independent determination of the local Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1250-1276.	4.4	69
10	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A4.	5.1	13
11	Disentangling the AGN and star formation connection using <i>XMM-Newton</i> . <i>Astronomy and Astrophysics</i> , 2018, 618, A31.	5.1	35
12	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A6.	5.1	10
13	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A15.	5.1	8
14	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A5.	5.1	81
15	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A17.	5.1	8
16	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A20.	5.1	20
17	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A1.	5.1	29
18	Dependence of clustering of X-ray AGN on obscuration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3063-3069.	4.4	6

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19	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A8.	5.1	15
20	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A10.	5.1	49
21	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A7.	5.1	11
22	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A16.	5.1	12
23	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A12.	5.1	28
24	Comparison of the linear bias models in the light of the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2621-2628.	4.4	2
25	AzTEC 1.1Åmm observations of high-z protocluster environments: SMG overdensities and misalignment between AGN jets and SMG distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4577-4632.	4.4	18
26	Dependence on the environment of the abundance function of light-cone simulation dark matter haloes. <i>Astronomy and Astrophysics</i> , 2018, 616, A137.	5.1	3
27	The <sc>XXL</sc> survey: First results and future. <i>Astronomische Nachrichten</i> , 2017, 338, 334-341.	1.2	9
28	The <i>L</i>-<i>f</i> relation for HII galaxies in green. <i>Astronomy and Astrophysics</i> , 2017, 599, A76.	5.1	9
29	Galaxy cluster's rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2616-2633.	4.4	20
30	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A11.	5.1	15
31	Comparison of spatial and angular clustering of X-ray AGN. <i>Astronomy and Astrophysics</i> , 2016, 590, A23.	5.1	1
32	Direct measurement of lensing amplification in Abell S1063 using a strongly lensed high redshift HII galaxy. <i>Astronomy and Astrophysics</i> , 2016, 592, L7.	5.1	3
33	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A1.	5.1	199
34	The XXL Survey XIV. AAOmega Redshifts for the Southern XXL Field. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	3.4	18
35	Constraining the dark energy equation of state with H&#oii galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2431-2439.	4.4	54
36	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A5.	5.1	33

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37	On the road to precision cosmology with high-redshift H _{II} galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3001-3010.	4.4	60
38	X-ray AGN in the XMM-LSS galaxy clusters: no evidence of AGN suppression. Astronomy and Astrophysics, 2014, 567, A83.	5.1	22
39	The L [∞] relation for massive bursts of star formation. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3565-3597.	4.4	74
40	Precision growth index using the clustering of cosmic structures and growth data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 042-042.	5.4	18
41	Constraints on Growth Index from LSS. Proceedings of the International Astronomical Union, 2014, 10, 255-257.	0.0	0
42	Clustering, bias and the accretion mode of X-ray-selected AGN. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1382-1394.	4.4	56
43	The environment of HII galaxies revisited. Astronomy and Astrophysics, 2013, 554, A13.	5.1	5
44	Activity of the Seyfert galaxy neighbours. Astronomy and Astrophysics, 2013, 552, A135.	5.1	24
45	Classification and environmental properties of X-ray selected point-like sources in the XMM-LSS field. Astronomy and Astrophysics, 2013, 557, A81.	5.1	22
46	Testing general relativity using the evolution of linear bias. Physical Review D, 2012, 85, .	4.7	10
47	Dynamics and constraints of the dissipative Liouville cosmology. Astroparticle Physics, 2012, 36, 7-17.	4.3	11
48	Angular correlation functions of X-ray point-like sources in the full exposure XMM-LSS field. Astronomy and Astrophysics, 2012, 537, A131.	5.1	31
49	Determining the Hubble constant using giant extragalactic H _{II} regions and H _{II} galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 425, L56-L60.	3.3	58
50	A consistent comparison of bias models using observational data. Monthly Notices of the Royal Astronomical Society, 2012, 422, 106-116.	4.4	14
51	Dynamics and constraints of the massive graviton dark matter flat cosmologies. Physical Review D, 2011, 83, .	4.7	14
52	A strategy to measure the dark energy equation of state using the H _{II} galaxy Hubble function and X-ray active galactic nuclei clustering: preliminary results. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2981-2996.	4.4	44
53	Hubble expansion and structure formation in the "running FLRW model" of the cosmic evolution. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 007-007.	5.4	87
54	Generalized evolution of linear bias: A tool to test gravity. Physical Review D, 2011, 83, .	4.7	10

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55	The dark energy equation of state using alternative cosmic high- z tracers. Journal of Physics: Conference Series, 2010, 222, 012025.	0.4	1
56	The relation between halo shape, velocity dispersion and formation time. Monthly Notices of the Royal Astronomical Society, 2010, 407, 581-589.	4.4	26
57	BREAKING THE Ω_m DEGENERACY USING THE CLUSTERING OF HIGH- z X-RAY ACTIVE GALACTIC NUCLEI. Astrophysical Journal Letters, 2010, 714, L185-L189.	8.3	26
58	LUMINOUS X-RAY ACTIVE GALACTIC NUCLEI IN CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 714, L181-L184.	8.3	21
59	Constraining the Dark Energy Equation of State using Alternative High- z Cosmic Tracers. , 2010, , .		190
60	Interacting Dark Matter as an Alternative to Dark Energy. , 2010, , .		5
61	Confronting dark energy models using galaxy cluster number counts. Physical Review D, 2010, 82, .	4.7	60
62	Spherical collapse model in time varying vacuum cosmologies. Physical Review D, 2010, 82, .	4.7	42
63	THE RELATION BETWEEN MORPHOLOGY AND DYNAMICS OF POOR GROUPS OF GALAXIES. Astrophysical Journal, 2009, 696, 1441-1447.	4.5	19
64	Hubble expansion and structure formation in time varying vacuum models. Physical Review D, 2009, 80, .	4.7	160
65	Richness dependence of the recent evolution of clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 395, 2-10.	4.4	10
66	Precision cosmology from X-ray AGN clustering. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 400, L57-L60.	3.3	4
67	Cosmic acceleration without dark energy. Journal of Physics: Conference Series, 2009, 189, 012004.	0.4	0
68	Could dark matter interactions be an alternative to dark energy?. Astronomy and Astrophysics, 2009, 507, 47-52.	5.1	25
69	The Aspenâ€“Amsterdam void finder comparison project. Monthly Notices of the Royal Astronomical Society, 2008, 387, 933-944.	4.4	162
70	Luminosity-dependent X-Ray Active Galactic Nucleus Clustering?. Astrophysical Journal, 2008, 674, L5-L8.	4.5	29
71	The Halo Massâ€“Bias Redshift Evolution in the Λ CDM Cosmology. Astrophysical Journal, 2008, 678, 627-634.	4.5	27
72	Environmental Effects of Dark Matter Halos: The Clustering-Substructure Relation of Group-Size Halos. Astrophysical Journal, 2007, 666, L5-L8.	4.5	7

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73	Environmental influences on the morphology and dynamics of group-sized haloes. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1785-1794.	4.4	34
74	Large-scale structure in the H I Parkes All-Sky Survey: filling the voids with H I galaxies?. Monthly Notices of the Royal Astronomical Society, 2007, 378, 301-308.	4.4	34
75	COSMOLOGY FROM XMM HIGH-Z AGN CLUSTERING. , 2007, , .		0
76	Morphological and Dynamical Properties of Low-Redshift Two Degree Field Galaxy Redshift Survey Groups. Astrophysical Journal, 2006, 650, 770-776.	4.5	23
77	A Three-dimensional Study of the Local Environment of Bright IRRAS Galaxies: The Active Galactic Nucleus-Starburst Connection. Astrophysical Journal, 2006, 651, 93-100.	4.5	28
78	Local and Large-Scale Environment of Seyfert Galaxies. Astrophysical Journal, 2006, 639, 37-45.	4.5	58
79	Constraining the Cold Dark Matter Spectrum Normalization in Flat Dark Energy Cosmologies. Astrophysical Journal, 2006, 650, L1-L4.	4.5	13
80	The shape-alignment relation in Λ cold dark matter cosmic structures. Monthly Notices of the Royal Astronomical Society, 2006, 365, 539-547.	4.4	49
81	The Serendipitous XMM-Newton Cluster Athens Survey (SEXCLAS): sample selection and the cluster log N-log S. Monthly Notices of the Royal Astronomical Society, 2006, 366, 163-170.	4.4	13
82	Mining for normal galaxies in the first XMM-Newton Serendipitous Source Catalog. Monthly Notices of the Royal Astronomical Society, 2006, 367, 1017-1028.	4.4	17
83	The PSCz dipole revisited. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1112-1116.	4.4	18
84	Exploring Distant Galaxies with Chandra. AIP Conference Proceedings, 2006, , .	0.4	0
85	Physical properties of Hickson compact groups and of the loose groups within which they are embedded. Astronomy and Astrophysics, 2006, 456, 839-846.	5.1	18
86	XMM-Newton Observations of Optically Selected Sloan Digital Sky Survey Clusters. Astrophysical Journal, 2005, 622, L17-L20.	4.5	12
87	The XMM-Newton/2dF Survey -- VI. Clustering and bias of the soft X-ray point sources. Monthly Notices of the Royal Astronomical Society, 2005, 356, 183-191.	4.4	38
88	The XMM-Newton/2dF survey - VIII. The extended X-ray sources. Monthly Notices of the Royal Astronomical Society, 2005, 363, 811-817.	4.4	3
89	Cosmological constraints from X-ray AGN clustering and Type Ia supernova data. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 360, L35-L38.	3.3	16
90	The XMM-Newton/2dF survey -- II. The nature of X-ray-faint optically bright X-ray sources. Monthly Notices of the Royal Astronomical Society, 2004, 349, 135-145.	4.4	29

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91	Modelling the two-point correlation function of galaxy clusters in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2004, 349, 882-888.	4.4	7
92	The XMM-Newton/2dF survey - III. Comparison between optical and X-ray cluster detection methods. Monthly Notices of the Royal Astronomical Society, 2004, 351, 989-996.	4.4	16
93	The shape of poor groups of galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1323-1328.	4.4	35
94	The Needles in the Haystack Survey: searching for X-ray-selected normal galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 354, 123-126.	4.4	13
95	The Clustering of XMM-Newton Hard X-Ray Sources. Astrophysical Journal, 2004, 607, L79-L82.	4.5	32
96	The Morphological and Luminosity Content of Poor Galaxy Groups. Astrophysical Journal, 2004, 617, L111-L114.	4.5	14
97	The large-scale environment of groups and clusters of galaxies. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	2
98	On the $\sigma_x - \sigma_v$ relation of groups of galaxies. Astronomy and Astrophysics, 2004, 416, 441-446.	5.1	6
99	THE XMM-NEWTON/2DF SURVEY. , 2004, , .		0
100	THE CLUSTERING OF XMM-NEWTON HARD X-RAY SOURCES. , 2004, , .		0
101	Galaxy Alignments as a Probe of the Dynamical State of Clusters. Astrophysical Journal, 2003, 594, 144-153.	4.5	47
102	Galaxy Bias in Quintessence Cosmological Models. Astrophysical Journal, 2003, 593, L61-L64.	4.5	21
103	The size and shape of local voids. Monthly Notices of the Royal Astronomical Society, 2002, 330, 399-404.	4.4	77
104	The cluster substructure "alignment" connection. Monthly Notices of the Royal Astronomical Society, 2002, 329, L47-L51.	4.4	56
105	Supercluster properties as a cosmological probe. Monthly Notices of the Royal Astronomical Society, 2002, 331, 1020-1026.	4.4	34
106	The Quest for the Cosmological Parameters. Lecture Notes in Physics, 2002, , 147-207.	0.7	3
107	Large-Scale Environmental Effects of the Cluster Distribution. Astrophysics and Space Science Library, 2002, , 299-311.	2.7	1
108	Recent Dynamical Evolution of Galaxy Clusters. Astrophysical Journal, 2002, 572, L67-L70.	4.5	31

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109	Searching for cluster substructure using APM and ROSAT data. Monthly Notices of the Royal Astronomical Society, 2001, 320, 49-60.	4.4	66
110	PSCz superclusters: detection, shapes and cosmological implications. Monthly Notices of the Royal Astronomical Society, 2001, 323, 47-55.	4.4	43
111	Cosmological implications of the PSCz PDF and its moments. Monthly Notices of the Royal Astronomical Society, 2001, 327, L32-L36.	4.4	4
112	Cosmological Evolution of Linear Bias. Astrophysical Journal, 2001, 550, 522-527.	4.5	31
113	Cosmological Evolution of Linear Bias. Astrophysical Journal, 2001, 557, 494-494.	4.5	1
114	Galaxy and cluster biasing from Local Group dynamics. Monthly Notices of the Royal Astronomical Society, 2000, 313, 8-12.	4.4	8
115	Cluster versus POTENT density and velocity fields: cluster biasing and $\hat{\Lambda}$. Monthly Notices of the Royal Astronomical Society, 2000, 313, 491-503.	4.4	20
116	The apparent and intrinsic shape of the APM galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2000, 316, 779-785.	4.4	34
117	The angular correlation function of the ROSAT All-Sky Survey Bright Source Catalogue. Monthly Notices of the Royal Astronomical Society, 2000, 318, 1036-1040.	4.4	29
118	Cosmological constraints from the clustering properties of the X-ray Brightest Abell-type Cluster sample. Monthly Notices of the Royal Astronomical Society, 1999, 305, 866-874.	4.4	41
119	The ROSAT X-ray background dipole. Monthly Notices of the Royal Astronomical Society, 1999, 306, 112-116.	4.4	10
120	The X-ray luminosity function of local galaxies. Monthly Notices of the Royal Astronomical Society, 1999, 305, L31-L34.	4.4	14
121	Large-Scale Coherent Dipole Anisotropy?. Monthly Notices of the Royal Astronomical Society, 1998, 299, 637-642.	4.4	13
122	Modelling the X-ray cluster dipole and cluster contribution to the soft X-ray background. Monthly Notices of the Royal Astronomical Society, 1998, 295, 19-32.	4.4	1
123	The cluster distribution as a test of dark matter models -- IV. Topology and geometry. Monthly Notices of the Royal Astronomical Society, 1998, 294, 245-258.	4.4	5
124	The X-ray Cluster Dipole. Astrophysical Journal, 1998, 500, 1-7.	4.5	32
125	Minkowski functionals of Abell/ACO clusters. Monthly Notices of the Royal Astronomical Society, 1997, 284, 73-84.	4.4	58
126	Constraining the power spectrum using clusters. New Astronomy, 1997, 1, 321-347.	1.8	30

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127	Comparing the Mark III and Abell/ACO Density and Velocity Fields. <i>Globular Clusters - Guides To Galaxies</i> , 1997, , 322-324.	0.1	0
128	Reconstructing Positions and Peculiar Velocities of Galaxy Clusters within 25,000 Kilometers per Second: The Bulk Velocity. <i>Astrophysical Journal</i> , 1996, 461, .	4.5	22
129	The cluster distribution as a test of dark matter models -- III. The cluster velocity field. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, 384-400.	4.4	20
130	Reconstructing Positions and Peculiar Velocities of Galaxy Clusters within 25,000 Kilometers per Second: The Cluster Real Space Dipole. <i>Astrophysical Journal</i> , 1996, 460, 569.	4.5	27
131	The one-point cluster distribution function and its moments. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, , .	4.4	0
132	The cluster distribution as a test of dark matter models - II. The dipole structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 277, 1210-1224.	4.4	14
133	The cluster distribution as a test of dark matter models - I. Clustering properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 277, 1191-1209.	4.4	13
134	Moments of the cluster distribution as a test of dark matter models. <i>Astrophysical Journal</i> , 1995, 441, L57.	4.5	6
135	The angular distribution of clusters in skewed CDM models. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 266, 524-544.	4.4	7
136	Position angles and alignments of clusters of galaxies. <i>Astrophysical Journal, Supplement Series</i> , 1994, 95, 401.	7.7	60
137	Topology in two dimensions - IV. CDM models with non-Gaussian initial conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 260, 572-588.	4.4	12
138	The QDOT and cluster dipoles: evidence for a low- Ω_0 Universe?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 262, 465-474.	4.4	12
139	Multifractal analysis of cluster distribution in two dimensions. <i>Astrophysical Journal</i> , 1993, 404, 21.	4.5	10
140	Large-scale angular correlations in cold dark matter models. <i>Astrophysical Journal</i> , 1993, 413, L55.	4.5	7
141	Galaxy clusters as biased tracers of the galaxy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 254, 306-314.	4.4	4
142	Topology in two dimensions - II. The Abell and ACO cluster catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 258, 114-124.	4.4	9
143	Clustering of galaxy clusters. I - Is the spatial cluster-cluster correlation function enhanced significantly by contaminations?. <i>Astrophysical Journal</i> , 1992, 389, 499.	4.5	14
144	The angular three-point function of galaxy clusters. <i>Astrophysical Journal</i> , 1992, 395, 339.	4.5	3

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145	Clustering of galaxy clusters. II - Rare events in the cluster distribution. <i>Astrophysical Journal</i> , 1992, 398, 12.	4.5	23
146	The Topology of Galaxy Clustering. , 1991, , 75-79.		0
147	Projected and intrinsic shapes of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 249, 662-677.	4.4	48
148	Evidence for large-scale structure on scales about $\sim 300 h^{-1}$ Mpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 249, 46-61.	4.4	34
149	Topology in two dimensions - I. The Lick Galaxy Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 250, 75-88.	4.4	27
150	Dynamical Evolution of Clusters of Galaxies. , 1990, , 231-256.		6
151	On the determination of dipoles from incomplete galaxy catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 238, 417-425.	4.4	1
152	Large-scale optical dipole anisotropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 234, 401-416.	4.4	11