

# Istvan Csabai

## List of Publications by Year in descending order

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244  
papers

55,846  
citations

4145

87  
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1755

212  
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262  
all docs

262  
docs citations

262  
times ranked

22194  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sloan Digital Sky Survey: Technical Summary. <i>Astronomical Journal</i> , 2000, 120, 1579-1587.	4.7	8,099
2	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
3	Detection of the Baryon Acoustic Peak in the Large-Scale Correlation Function of SDSS Luminous Red Galaxies. <i>Astrophysical Journal</i> , 2005, 633, 560-574.	4.5	3,564
4	Cosmological parameters from SDSS and WMAP. <i>Physical Review D</i> , 2004, 69, .	4.7	3,121
5	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	4.7	2,003
6	Stellar masses and star formation histories for 105 galaxies from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 33-53.	4.4	1,892
7	Composite Quasar Spectra from the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2001, 122, 549-564.	4.7	1,494
8	The Three-Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2004, 606, 702-740.	4.5	1,426
9	Color Separation of Galaxy Types in the Sloan Digital Sky Survey Imaging Data. <i>Astronomical Journal</i> , 2001, 122, 1861-1874.	4.7	1,250
10	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	7.7	1,202
11	Cosmological constraints from the SDSS luminous red galaxies. <i>Physical Review D</i> , 2006, 74, .	4.7	1,132
12	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	4.7	953
13	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2006, 162, 38-48.	7.7	948
14	The size distribution of galaxies in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 978-994.	4.4	917
15	The Galaxy Luminosity Function and Luminosity Density at Redshift $z = 0.1$ . <i>Astrophysical Journal</i> , 2003, 592, 819-838.	4.5	898
16	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	4.7	800
17	A Survey of $z \sim 5.8$ Quasars in the Sloan Digital Sky Survey. I. Discovery of Three New Quasars and the Spatial Density of Luminous Quasars at $z \sim 6$ . <i>Astronomical Journal</i> , 2001, 122, 2833-2849.	4.7	791
18	Evidence for Reionization at $z \sim 6$ : Detection of a Gunn-Peterson Trough in a $z = 6.28$ Quasar. <i>Astronomical Journal</i> , 2001, 122, 2850-2857.	4.7	765

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19	The Broadband Optical Properties of Galaxies with Redshifts 0.02 $\leq z \leq$ 0.22. <i>Astrophysical Journal</i> , 2003, 594, 186-207.	4.5	637
20	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	4.7	634
21	The Ghost of Sagittarius and Lumps in the Halo of the Milky Way. <i>Astrophysical Journal</i> , 2002, 569, 245-274.	4.5	633
22	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 634-644.	7.7	615
23	The Luminosity Function of Galaxies in SDSS Commissioning Data. <i>Astronomical Journal</i> , 2001, 121, 2358-2380.	4.7	545
24	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. <i>Astrophysical Journal</i> , 2002, 571, 172-190.	4.5	520
25	Deterministic Evolutionary Trajectories Influence Primary Tumor Growth: TRACERx Renal. <i>Cell</i> , 2018, 173, 595-610.e11.	28.9	472
26	Estimating Fixed-Frame Galaxy Magnitudes in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 125, 2348-2360.	4.7	457
27	Detecting and classifying lesions in mammograms with Deep Learning. <i>Scientific Reports</i> , 2018, 8, 4165.	3.3	454
28	Timing the Landmark Events in the Evolution of Clear Cell Renal Cell Cancer: TRACERx Renal. <i>Cell</i> , 2018, 173, 611-623.e17.	28.9	398
29	The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. <i>Astronomical Journal</i> , 2007, 134, 102-117.	4.7	394
30	Toward Spectral Classification of L and T Dwarfs: Infrared and Optical Spectroscopy and Analysis. <i>Astrophysical Journal</i> , 2002, 564, 466-481.	4.5	392
31	Detection of Massive Tidal Tails around the Globular Cluster Palomar 5 with Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 2001, 548, L165-L169.	4.5	389
32	Solar System Objects Observed in the Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2001, 122, 2749-2784.	4.7	381
33	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. IV. Luminosity Function from the Fall Equatorial Stripe Sample. <i>Astronomical Journal</i> , 2001, 121, 54-65.	4.7	344
34	Red and Reddened Quasars in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 1131-1147.	4.7	321
35	Identification of A-colored Stars and Structure in the Halo of the Milky Way from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 2000, 540, 825-841.	4.5	308
36	Stellar Population Studies with the SDSS. I. The Vertical Distribution of Stars in the Milky Way. <i>Astrophysical Journal</i> , 2001, 553, 184-197.	4.5	303

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37	Early-Type Galaxies in the Sloan Digital Sky Survey. III. The Fundamental Plane. <i>Astronomical Journal</i> , 2003, 125, 1866-1881.	4.7	296
38	Unusual Broad Absorption Line Quasars from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2002, 141, 267-309.	7.7	290
39	Statistical Properties of Bright Galaxies in the Sloan Digital Sky Survey Photometric System. <i>Astronomical Journal</i> , 2001, 122, 1238-1250.	4.7	270
40	The Overdensities of Galaxy Environments as a Function of Luminosity and Color. <i>Astrophysical Journal</i> , 2003, 585, L5-L9.	4.5	264
41	Infrared Photometry of Late- $M$ , $L$ , and $T$ Dwarfs. <i>Astrophysical Journal</i> , 2002, 564, 452-465.	4.5	261
42	On Departures from a Power Law in the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2004, 608, 16-24.	4.5	253
43	Do the Rich Get Richer? An Empirical Analysis of the Bitcoin Transaction Network. <i>PLoS ONE</i> , 2014, 9, e86197.	2.5	248
44	The Sloan Digital Sky Survey Quasar Catalog. III. Third Data Release. <i>Astronomical Journal</i> , 2005, 130, 367-380.	4.7	245
45	The Discovery of a Luminous $[CLC]$ $z$ $[/ITAL]$ $z$ $[/CLC]$ $\hat{a} \approx 5.80$ Quasar from the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2000, 120, 1167-1174.	4.7	242
46	Early-type Galaxies in the Sloan Digital Sky Survey. II. Correlations between Observables. <i>Astronomical Journal</i> , 2003, 125, 1849-1865.	4.7	240
47	A Somatically Acquired Enhancer of the Androgen Receptor Is a Noncoding Driver in Advanced Prostate Cancer. <i>Cell</i> , 2018, 174, 422-432.e13.	28.9	234
48	Early-Type Galaxies in the Sloan Digital Sky Survey. I. The Sample. <i>Astronomical Journal</i> , 2003, 125, 1817-1848.	4.7	226
49	The association between germline $\langle scp \rangle \langle i \rangle BRCA2 \langle /i \rangle \langle /scp \rangle$ variants and sensitivity to platinum-based chemotherapy among men with metastatic prostate cancer. <i>Cancer</i> , 2017, 123, 3532-3539.	4.1	217
50	Cross-reactivity between tumor MHC class I-restricted antigens and an enterococcal bacteriophage. <i>Science</i> , 2020, 369, 936-942.	12.6	217
51	Galaxy Number Counts from the Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2001, 122, 1104-1124.	4.7	216
52	Analysis of Systematic Effects and Statistical Uncertainties in Angular Clustering of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 579, 48-75.	4.5	209
53	Candidate RR Lyrae Stars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2000, 120, 963-977.	4.7	208
54	Colors of 2625 Quasars at $0 \hat{a} \approx [ITAL] [CLC] z [ /CLC] [ /ITAL] \hat{a} \approx 5$ Measured in the Sloan Digital Sky Survey Photometric System. <i>Astronomical Journal</i> , 2001, 121, 2308-2330.	4.7	190

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55	The Missing Link: Early Methane (â€œTâ€) Dwarfs in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2000, 536, L35-L38.	4.5	188
56	The Application of Photometric Redshifts to the SDSS Early Data Release. <i>Astronomical Journal</i> , 2003, 125, 580-592.	4.7	178
57	The Discovery of a Field Methane Dwarf from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 1999, 522, L61-L64.	4.5	176
58	Early-Type Galaxies in the Sloan Digital Sky Survey. IV. Colors and Chemical Evolution. <i>Astronomical Journal</i> , 2003, 125, 1882-1896.	4.7	173
59	Interplay between whole-genome doubling and the accumulation of deleterious alterations in cancer evolution. <i>Nature Genetics</i> , 2020, 52, 283-293.	21.4	168
60	Observing the Dark Matter Density Profile of Isolated Galaxies. <i>Astrophysical Journal</i> , 2003, 598, 260-271.	4.5	166
61	Migrating the SNP array-based homologous recombination deficiency measures to next generation sequencing data of breast cancer. <i>Npj Breast Cancer</i> , 2018, 4, 16.	5.2	163
62	Weak Lensing with Sloan Digital Sky Survey Commissioning Data: The Galaxy-Mass Correlation Function to $1 \text{ [CLC][ITAL]h[ITAL][CLC][TSUP]âˆ’1[TSUP] M[CLC]pc[CLC]}$ . <i>Astronomical Journal</i> , 2000, 120, 1198-1208.	4.7	163
63	A comprehensive survey of the mutagenic impact of common cancer cytotoxics. <i>Genome Biology</i> , 2016, 17, 99.	8.8	150
64	Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 585-609.	4.7	147
65	Cataclysmic Variables from The Sloan Digital Sky Survey. I. The First Results. <i>Astronomical Journal</i> , 2002, 123, 430-442.	4.7	143
66	The Sloan Digital Sky Survey Quasar Catalog. I. Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 567-577.	4.7	141
67	Galaxy-galaxy weak lensing in the Sloan Digital Sky Survey: intrinsic alignments and shear calibration errors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 529-549.	4.4	139
68	Photometric redshifts for the SDSS Data Release 12. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1371-1381.	4.4	133
69	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 1999, 118, 1-13.	4.7	128
70	L Dwarfs Found in Sloan Digital Sky Survey Commissioning Imaging Data. <i>Astronomical Journal</i> , 2000, 119, 928-935.	4.7	126
71	New perspectives on strong $z \approx 0.5$ Mgâ€fii absorbers: are halo mass and equivalent width anticorrelated?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 495-512.	4.4	122
72	The Three-dimensional Power Spectrum from Angular Clustering of Galaxies in Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 572, 140-156.	4.5	118

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73	Optical and Infrared Colors of Stars Observed by the Two Micron All Sky Survey and the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2000, 120, 2615-2626.	4.7	115
74	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. III. A Color-selected Sample at $z \approx 2$ in the Fall Equatorial Stripe. <i>Astronomical Journal</i> , 2001, 121, 31-53.	4.7	111
75	Detecting Clusters of Galaxies in the Sloan Digital Sky Survey. I. Monte Carlo Comparison of Cluster Detection Algorithms. <i>Astronomical Journal</i> , 2002, 123, 20-36.	4.7	111
76	New Insights on the Draco Dwarf Spheroidal Galaxy from the Sloan Digital Sky Survey: A Larger Radius and No Tidal Tails. <i>Astronomical Journal</i> , 2001, 122, 2538-2553.	4.7	108
77	Angular Clustering with Photometric Redshifts in the Sloan Digital Sky Survey: Bimodality in the Clustering Properties of Galaxies. <i>Astrophysical Journal</i> , 2003, 595, 59-70.	4.5	108
78	Average Spectra of Massive Galaxies in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2003, 585, 694-713.	4.5	104
79	Loss of BRCA1 or BRCA2 markedly increases the rate of base substitution mutagenesis and has distinct effects on genomic deletions. <i>Oncogene</i> , 2017, 36, 746-755.	5.9	98
80	Dynamical Confirmation of Sloan Digital Sky Survey Weak-lensing Scaling Laws. <i>Astrophysical Journal</i> , 2002, 571, L85-L88.	4.5	97
81	Calibrating photometric redshifts of luminous red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 237-250.	4.4	96
82	Creating Spectral Templates from Multicolor Redshift Surveys. <i>Astronomical Journal</i> , 2000, 120, 1588-1598.	4.7	95
83	1/f noise in computer network traffic. <i>Journal of Physics A</i> , 1994, 27, L417-L421.	1.6	93
84	The Discovery of a Second Field Methane Brown Dwarf from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 2000, 531, L61-L65.	4.5	93
85	The Discovery of a High-Redshift Quasar without Emission Lines from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 1999, 526, L57-L60.	4.5	93
86	The Luminosity Density of Red Galaxies. <i>Astronomical Journal</i> , 2002, 124, 646-651.	4.7	93
87	CAUSEL: an epigenome- and genome-editing pipeline for establishing function of noncoding GWAS variants. <i>Nature Medicine</i> , 2015, 21, 1357-1363.	30.7	90
88	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. VI. Sloan Digital Sky Survey Spectrograph Observations. <i>Astronomical Journal</i> , 2001, 122, 503-517.	4.7	90
89	A Blind Test of Photometric Redshift Prediction. <i>Astronomical Journal</i> , 1998, 115, 1418-1422.	4.7	89
90	Comparison of Positions and Magnitudes of Asteroids Observed in the Sloan Digital Sky Survey with Those Predicted for Known Asteroids. <i>Astronomical Journal</i> , 2002, 124, 1776-1787.	4.7	89

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91	Photometric Redshifts of Quasars. <i>Astronomical Journal</i> , 2001, 122, 1151-1162.	4.7	85
92	A model based approach for improving router geolocation. <i>Computer Networks</i> , 2010, 54, 1490-1501.	5.1	80
93	The Angular Correlation Function of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 579, 42-47.	4.5	77
94	Inferring the interplay between network structure and market effects in Bitcoin. <i>New Journal of Physics</i> , 2014, 16, 125003.	2.9	77
95	The effect of large-scale structure on the SDSS galaxy three-point correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1507-1514.	4.4	76
96	A clonal expression biomarker associates with lung cancer mortality. <i>Nature Medicine</i> , 2019, 25, 1540-1548.	30.7	75
97	The Angular Power Spectrum of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 571, 191-205.	4.5	74
98	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. <i>Astronomical Journal</i> , 2004, 128, 2577-2592.	4.7	73
99	Spotter: A model based active geolocation service. , 2011, , .		71
100	Aberrant DNA methylation of WNT pathway genes in the development and progression of CIMP-negative colorectal cancer. <i>Epigenetics</i> , 2016, 11, 588-602.	2.7	67
101	Karhunen&#x2013;Loeve Estimation of the Power Spectrum Parameters from the Angular Distribution of Galaxies in Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2003, 591, 1-11.	4.5	65
102	Detection of Molecular Signatures of Homologous Recombination Deficiency in Prostate Cancer with or without BRCA1/2 Mutations. <i>Clinical Cancer Research</i> , 2020, 26, 2673-2680.	7.0	64
103	A novel genomic alteration of LSAMP associates with aggressive prostate cancer in African American men. <i>EBioMedicine</i> , 2015, 2, 1957-1964.	6.1	61
104	Breast cancer brain metastases show increased levels of genomic aberration-based homologous recombination deficiency scores relative to their corresponding primary tumors. <i>Annals of Oncology</i> , 2018, 29, 1948-1954.	1.2	60
105	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. II. The Spring Equatorial Stripe. <i>Astronomical Journal</i> , 2000, 119, 1-11.	4.7	58
106	Multidimensional indexing tools for the virtual observatory. <i>Astronomische Nachrichten</i> , 2007, 328, 852-857.	1.2	58
107	Photometric Redshifts from Reconstructed Quasar Templates. <i>Astronomical Journal</i> , 2001, 122, 1163-1171.	4.7	57
108	Weak&#x2013;Lensing Measurements of 42 SDSS/RASS Galaxy Clusters. <i>Astrophysical Journal</i> , 2001, 554, 881-887.	4.5	53

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109	Antimicrobial resistance genes in raw milk for human consumption. <i>Scientific Reports</i> , 2020, 10, 7464.	3.3	53
110	Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: Methods and Initial Results. <i>Astronomical Journal</i> , 2002, 124, 1651-1669.	4.7	53
111	The Sloan Digital Sky Survey u-band Galaxy Survey: luminosity functions and evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 441-456.	4.4	52
112	Weak lensing cosmology with convolutional neural networks on noisy data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1843-1860.	4.4	52
113	Broad Absorption Line Quasars in the Sloan Digital Sky Survey with VLA FIRST Radio Detections. <i>Astrophysical Journal</i> , 2001, 561, 645-652.	4.5	52
114	Complete Genes May Pass from Food to Human Blood. <i>PLoS ONE</i> , 2013, 8, e69805.	2.5	52
115	The First Hour of Extragalactic Data of the Sloan Digital Sky Survey Spectroscopic Commissioning: The Coma Cluster. <i>Astronomical Journal</i> , 2001, 121, 2331-2357.	4.7	51
116	The Sloan Digital Sky Survey: The Cosmic Spectrum and Star Formation History. <i>Astrophysical Journal</i> , 2003, 587, 55-70.	4.5	50
117	A New Very Cool White Dwarf Discovered by the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2001, 549, L109-L113.	4.5	48
118	Five High-Redshift Quasars Discovered in Commissioning Imaging Data of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2000, 120, 1607-1611.	4.7	47
119	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. <i>Cell Reports Medicine</i> , 2021, 2, 100323.	6.5	47
120	Gene promoter and exon DNA methylation changes in colon cancer development $\hat{=}$ mRNA expression and tumor mutation alterations. <i>BMC Cancer</i> , 2018, 18, 695.	2.6	45
121	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. V. Hobby-Eberly Telescope Observations. <i>Astronomical Journal</i> , 2001, 121, 1232-1240.	4.7	44
122	Concordance cosmology without dark energy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 469, L1-L5.	3.3	42
123	An improved cosmological parameter inference scheme motivated by deep learning. <i>Nature Astronomy</i> , 2019, 3, 93-98.	10.1	42
124	L Dwarfs Found in Sloan Digital Sky Survey Commissioning Data. II. Hobby-Eberly Telescope Observations. <i>Astronomical Journal</i> , 2002, 123, 458-465.	4.7	39
125	Higher Order Moments of the Angular Distribution of Galaxies from Early Sloan Digital Sky Survey Data. <i>Astrophysical Journal</i> , 2002, 570, 75-85.	4.5	38
126	Quantum criticality at the origin of life. <i>Journal of Physics: Conference Series</i> , 2015, 626, 012023.	0.4	37



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127	Genome-Wide Screening of Genes Regulated by DNA Methylation in Colon Cancer Development. PLoS ONE, 2012, 7, e46215.	2.5	37
128	Genome-wide expression profiling in colorectal cancer focusing on lncRNAs in the adenoma-carcinoma transition. BMC Cancer, 2019, 19, 1059.	2.6	36
129	Using DNA sequencing data to quantify T cell fraction and therapy response. Nature, 2021, 597, 555-560.	27.8	36
130	Deep learning identification for citizen science surveillance of tiger mosquitoes. Scientific Reports, 2021, 11, 4718.	3.3	33
131	A high-resolution atlas of composite Sloan Digital Sky Survey galaxy spectra. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1217-1238.	4.4	31
132	EXTINCTION IN STAR-FORMING DISK GALAXIES FROM INCLINATION-DEPENDENT COMPOSITE SPECTRA. Astrophysical Journal, 2010, 709, 780-790.	4.5	30
133	The Star Formation History of Galaxies Measured from Individual Pixels. I. The Hubble Deep Field North. Astronomical Journal, 2003, 126, 2330-2345.	4.7	29
134	The COMPARE Data Hubs. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	28
135	Periodic orbit theory applied to a chaotically oscillating gas bubble in water. Nonlinearity, 2002, 15, 25-43.	1.4	27
136	Observation of giant conductance fluctuations in a protein. Nano Futures, 2017, 1, 035002.	2.2	27
137	A glimpse of antimicrobial resistance gene diversity in kefir and yoghurt. Scientific Reports, 2020, 10, 22458.	3.3	27
138	The rest-frame optical colours of 99â€Œ000 Sloan Digital Sky Survey galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 371, 121-137.	4.4	26
139	Fast and accurate mutation detection in whole genome sequences of multiple isogenic samples with IsoMut. BMC Bioinformatics, 2017, 18, 73.	2.6	26
140	The integrated Sachsâ€“Wolfe effect in the AvERA cosmology. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3582-3591.	4.4	26
141	The Genome of the Chicken DT40 Bursal Lymphoma Cell Line. G3: Genes, Genomes, Genetics, 2014, 4, 2231-2240.	1.8	25
142	New insights into the impact of primary lung adenocarcinoma location on metastatic sites and sequence: A multicenter cohort study. Lung Cancer, 2018, 126, 139-148.	2.0	25
143	Discovery of a Pair of [CLC][ITAL]z[/ITAL][[/CLC]â€‰=â€‰4.25 Quasars from the Sloan Digital Sky Survey. Astronomical Journal, 2000, 120, 2183-2189.	4.7	24
144	The analogies of highway and computer network traffic. Physica A: Statistical Mechanics and Its Applications, 2002, 307, 516-526.	2.6	24

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145	Understanding and predicting ciprofloxacin minimum inhibitory concentration in Escherichia coli with machine learning. Scientific Reports, 2020, 10, 15026.	3.3	24
146	Race, religion and the city: twitter word frequency patterns reveal dominant demographic dimensions in the United States. Palgrave Communications, 2016, 2, .	4.7	22
147	Mobile Antimicrobial Resistance Genes in Probiotics. Antibiotics, 2021, 10, 1287.	3.7	22
148	Large-Scale Clustering of Sloan Digital Sky Survey Quasars: Impact of the Baryon Density and the Cosmological Constant. Publication of the Astronomical Society of Japan, 2005, 57, 529-540.	2.5	21
149	Sloan Digital Sky Survey Multicolor Observations of GRB 010222. Astrophysical Journal, 2001, 561, 183-188.	4.5	21
150	The International Virtual Observatory Alliance: recent technical developments and the road ahead. , 2004, 5493, 137.		20
151	Comment on "A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus". Science, 2011, 332, 1149-1149.	12.6	20
152	Long-term treatment with the PARP inhibitor niraparib does not increase the mutation load in cell line models and tumour xenografts. British Journal of Cancer, 2018, 119, 1392-1400.	6.4	19
153	Qualitative Analysis of Tumor-Infiltrating Lymphocytes across Human Tumor Types Reveals a Higher Proportion of Bystander CD8+ T Cells in Non-Melanoma Cancers Compared to Melanoma. Cancers, 2020, 12, 3344.	3.7	19
154	Identification of a Synthetic Lethal Relationship between Nucleotide Excision Repair Deficiency and Irofulven Sensitivity in Urothelial Cancer. Clinical Cancer Research, 2021, 27, 2011-2022.	7.0	19
155	Sonoluminescence and phase diagrams of single bubbles at low dissolved air concentrations. Physical Review E, 2001, 63, 026301.	2.1	18
156	rCUR: an R package for CUR matrix decomposition. BMC Bioinformatics, 2012, 13, 103.	2.6	17
157	Detection of Molecular Signatures of Homologous Recombination Deficiency in Bladder Cancer. Clinical Cancer Research, 2021, 27, 3734-3743.	7.0	17
158	LOTIS, Super-LOTIS, Sloan Digital Sky Survey, and Tautenburg Observations of GRB 010921. Astrophysical Journal, 2002, 571, L131-L135.	4.5	17
159	Building a prototype for network measurement virtual observatory. , 2007, , .		16
160	A detailed path-latency model for router geolocation. , 2009, , .		16
161	S-Adenosylmethionine Treatment of Colorectal Cancer Cell Lines Alters DNA Methylation, DNA Repair and Tumor Progression-Related Gene Expression. Cells, 2020, 9, 1864.	4.1	16
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