

Marek Gierlinski

List of Publications by Year in descending order

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71
papers

7,059
citations

61984

43
h-index

91884

69
g-index

76
all docs

76
docs citations

76
times ranked

7324
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute depletion of the ARID1A subunit of SWI/SNF complexes reveals distinct pathways for activation and repression of transcription. <i>Cell Reports</i> , 2021, 37, 109943.	6.4	23
2	Global ubiquitylation analysis of mitochondria in primary neurons identifies endogenous Parkin targets following activation of PINK1. <i>Science Advances</i> , 2021, 7, eabj0722.	10.3	29
3	Wnt regulates amino acid transporter <i>Slc7a5</i> and so constrains the integrated stress response in mouse embryos. <i>EMBO Reports</i> , 2020, 21, e48469.	4.5	26
4	Spectral and temporal properties of Compton scattering by mildly relativistic thermal electrons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5234-5246.	4.4	56
5	EMSY expression affects multiple components of the skin barrier with relevance to atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 470-481.	2.9	23
6	Triggering MSR1 promotes JNK-mediated inflammation in IL4-activated macrophages. <i>EMBO Journal</i> , 2019, 38, .	7.8	78
7	Live imaging of marked chromosome regions reveals their dynamic resolution and compaction in mitosis. <i>Journal of Cell Biology</i> , 2019, 218, 1531-1552.	5.2	16
8	How well do RNA-Seq differential gene expression tools perform in a complex eukaryote? A case study in <i>Arabidopsis thaliana</i> . <i>Bioinformatics</i> , 2019, 35, 3372-3377.	4.1	9
9	Distinct signals and immune cells drive liver pathology and glomerulonephritis in ABIN1[D485N] mice. <i>Life Science Alliance</i> , 2019, 2, e201900533.	2.8	17
10	Thermal proteome profiling of breast cancer cells reveals proteasomal activation by CDK4/6 inhibitor palbociclib. <i>EMBO Journal</i> , 2018, 37, .	7.8	84
11	Neural differentiation, selection and transcriptomic profiling of human neuromesodermal progenitors-like cells in vitro. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	48
12	Proteome-wide analysis of protein abundance and turnover remodelling during oncogenic transformation of human breast epithelial cells. <i>Wellcome Open Research</i> , 2018, 3, 51.	1.8	18
13	Molecular mechanisms facilitating the initial kinetochore encounter with spindle microtubules. <i>Journal of Cell Biology</i> , 2017, 216, 1609-1622.	5.2	20
14	Mechanisms mitigating problems with multiple kinetochores on one microtubule in early mitosis. <i>Journal of Cell Science</i> , 2017, 130, 2266-2276.	2.0	2
15	How many biological replicates are needed in an RNA-seq experiment and which differential expression tool should you use?. <i>Rna</i> , 2016, 22, 839-851.	3.5	622
16	High resolution imaging reveals heterogeneity in chromatin states between cells that is not inherited through cell division. <i>BMC Cell Biology</i> , 2016, 17, 33.	3.0	14
17	High-resolution quantitative proteome analysis reveals substantial differences between phagosomes of RAW 264.7 and bone marrow derived macrophages. <i>Proteomics</i> , 2015, 15, 3169-3174.	2.2	65
18	Quantitative Proteome Analysis of Temporally Resolved Phagosomes Following Uptake Via Key Phagocytic Receptors. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1334-1349.	3.8	56

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19	Statistical models for RNA-seq data derived from a two-condition 48-replicate experiment. <i>Bioinformatics</i> , 2015, 31, 3625-3630.	4.1	76
20	Correlation between the photon index and X-ray luminosity of black hole X-ray binaries and active galactic nuclei: observations and interpretation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1692-1704.	4.4	103
21	ACCRETION-JET MODEL FOR THE HARD X-ray $\hat{\Gamma}$ - LXCORRELATION IN BLACK HOLE X-ray BINARIES. <i>Publications of the Korean Astronomical Society</i> , 2015, 30, 565-568.	0.0	3
22	Evaluation of the Diagnostic Accuracy of Prototype Rapid Tests for Human African Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3373.	3.0	34
23	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1121-1129.	2.9	135
24	Kinetochores Coordinate Pericentromeric Cohesion and Early DNA Replication by Cdc7-Dbf4 Kinase Recruitment. <i>Molecular Cell</i> , 2013, 50, 661-674.	9.7	140
25	Stochastic association of neighboring replicons creates replication factories in budding yeast. <i>Journal of Cell Biology</i> , 2013, 202, 1001-1012.	5.2	59
26	A Quantitative Spatial Proteomics Analysis of Proteome Turnover in Human Cells. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011429.	3.8	332
27	Live imaging of nascent RNA dynamics reveals distinct types of transcriptional pulse regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7350-7355.	7.1	111
28	Kinetochore-Dependent Microtubule Rescue Ensures Their Efficient and Sustained Interactions in Early Mitosis. <i>Developmental Cell</i> , 2011, 21, 920-933.	7.0	40
29	Simulated spectral states of active galactic nuclei and observational predictions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2259-2268.	4.4	40
30	Compton scattering as the explanation of the peculiar X-ray properties of Cyg X-3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 767-775.	4.4	39
31	High-Resolution Whole-Genome Sequencing Reveals That Specific Chromatin Domains from Most Human Chromosomes Associate with Nucleoli. <i>Molecular Biology of the Cell</i> , 2010, 21, 3735-3748.	2.1	274
32	RE J1034+396: the origin of the soft X-ray excess and quasi-periodic oscillation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 250-260.	4.4	75
33	What can we learn about quasars from $\hat{\Gamma}_{OX}$ measurements in Galactic black hole binaries?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1640-1648.	4.4	26
34	Reprocessing of X-rays in the outer accretion disc of the black hole binary XTE J1817-330. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 1106-1114.	4.4	122
35	The Seyfert AGN RX J0136.9-3510 and the spectral state of super Eddington accretion flows. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 398, L16-L20.	3.3	35
36	A periodicity of $\hat{\Gamma}_{OX}$ in X-ray emission from the active galaxy RE J1034+396. <i>Nature</i> , 2008, 455, 369-371	27.8	237

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37	X-ray irradiation in XTE J1817-330 and the inner radius of the truncated disc in the hard state. Monthly Notices of the Royal Astronomical Society, 2008, 388, 753-760.	4.4	128
38	The superorbital variability and triple nature of the X-ray source 4U 1820-303. AIP Conference Proceedings, 2008, , .	0.4	0
39	Modelling the behaviour of accretion flows in X-ray binaries. Astronomy and Astrophysics Review, 2007, 15, 1-66.	25.5	925
40	Analysing the atolls: X-ray spectral transitions of accreting neutron stars. Monthly Notices of the Royal Astronomical Society, 2007, 378, 13-22.	4.4	71
41	The superorbital variability and triple nature of the X-ray source 4U 1820-303. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1006-1016.	4.4	45
42	Dependence of the orbital modulation of X-rays from 4U 1820-303 on the accretion rate. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1017-1023.	4.4	25
43	An absorption origin for the soft excess in Seyfert 1 active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1426-1436.	4.4	55
44	Truncated disc versus extremely broad iron line in XTE J1650-500. Monthly Notices of the Royal Astronomical Society, 2006, 367, 659-668.	4.4	70
45	X-ray spectral transitions of black holes from RXTE All-Sky Monitor. Monthly Notices of the Royal Astronomical Society, 2006, 370, 837-844.	4.4	61
46	Consistency of the black hole mass determination in AGN from the reverberation and the X-ray excess variance method. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1534-1540.	4.4	29
47	Black hole spin in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1004-1012.	4.4	84
48	Physics of accretion in the millisecond pulsar XTE J1751-305. Monthly Notices of the Royal Astronomical Society, 2005, 359, 1261-1276.	4.4	85
49	GRS 1915+105: the distance, radiative processes and energy-dependent variability. Monthly Notices of the Royal Astronomical Society, 2005, 360, 825-838.	4.4	54
50	Patterns of energy-dependent variability from Comptonization. Monthly Notices of the Royal Astronomical Society, 2005, 363, 1349-1360.	4.4	77
51	Scaling variability from stellar to supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2005, 364, 208-216.	4.4	55
52	Accretion in Strong Gravity: from Galactic to Supermassive Black Holes. Astrophysics and Space Science, 2005, 300, 167-175.	1.4	4
53	Radiative Processes, Spectral States and Variability of Black-Hole Binaries. Progress of Theoretical Physics Supplement, 2004, 155, 99-119.	0.1	229
54	Spectral Transitions in X-Ray Binaries. Progress of Theoretical Physics Supplement, 2004, 155, 9-18.	0.1	11

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55	Black hole accretion discs: reality confronts theory. Monthly Notices of the Royal Astronomical Society, 2004, 347, 885-894.	4.4	171
56	GRS 1915+105: the brightest Galactic black hole. Monthly Notices of the Royal Astronomical Society, 2004, 349, 393-403.	4.4	119
57	Is the soft excess in active galactic nuclei real?. Monthly Notices of the Royal Astronomical Society, 2004, 349, L7-L11.	4.4	350
58	GX 339 ^a 4: the distance, state transitions, hysteresis and spectral correlations. Monthly Notices of the Royal Astronomical Society, 2004, 351, 791-807.	4.4	232
59	Modelling the pulse profiles of accreting millisecond pulsars and X-ray bursters. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 640-643.	0.4	6
60	The X-ray/ γ -ray spectrum of XTE J1550-564 in the very high state. Monthly Notices of the Royal Astronomical Society, 2003, 342, 1083-1092.	4.4	60
61	Observing the effects of the event horizon in black holes. Monthly Notices of the Royal Astronomical Society, 2003, 342, 1041-1055.	4.4	126
62	On the nature of the X-ray emission from the accreting millisecond pulsar SAX J1808.4-3658. Monthly Notices of the Royal Astronomical Society, 2003, 343, 1301-1311.	4.4	220
63	Discovery of powerful millisecond flares from Cygnus X-1. Monthly Notices of the Royal Astronomical Society, 2003, 343, L84-L88.	4.4	32
64	Correlated Timing and Spectral Behavior of 4U 1705 ^a 44. Astrophysical Journal, 2003, 583, 416-423.	4.5	29
65	Phase-resolved X-ray spectroscopy of the millisecond pulsar SAX J1808.4 ^a 3658. Monthly Notices of the Royal Astronomical Society, 2002, 331, 141-153.	4.4	81
66	A comment on the colour-colour diagrams of low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2002, 331, L47-L50.	4.4	58
67	X-ray and γ -ray spectra and variability of the black hole candidate GX 339-4. Monthly Notices of the Royal Astronomical Society, 2002, 337, 829-839.	4.4	57
68	The X-ray spectrum of the atoll source 4U 1608-52. Monthly Notices of the Royal Astronomical Society, 2002, 337, 1373-1380.	4.4	82
69	Application of a relativistic accretion disc model to X-ray spectra of LMC X-1 and GRO J1655-40. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1253-1265.	4.4	84
70	Broad-band X-ray/ γ -ray spectra and binary parameters of GX 339 ^a 4 and their astrophysical implications. Monthly Notices of the Royal Astronomical Society, 1998, 301, 435-450.	4.4	168
71	High-frequency X-ray variability as a mass estimator of stellar and supermassive black holes. Monthly Notices of the Royal Astronomical Society, 0, 383, 741-749.	4.4	47