

# Robert Fosbury

## List of Publications by Year in descending order

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39  
papers

2,123  
citations

236925

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Near infrared spectroscopy reveals instability in retinal mitochondrial metabolism and haemodynamics with blue light exposure at environmental levels. <i>Journal of Biophotonics</i> , 2022, 15, e2916.	2.3	5
2	Reindeer eyes seasonally adapt to ozone-blue Arctic twilight by tuning a photonic tapetum lucidum. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	9
3	Mitochondria are specifically vulnerable to 420nm light in drosophila which undermines their function and is associated with reduced fly mobility. <i>PLoS ONE</i> , 2021, 16, e0257149.	2.5	11
4	The role of composition: natural materials vs. synthetic composites: general discussion. <i>Faraday Discussions</i> , 2020, 223, 295-306.	3.2	0
5	Mitochondrial absorption of short wavelength light drives primate blue retinal cones into glycolysis which may increase their pace of aging. <i>Visual Neuroscience</i> , 2019, 36, E007.	1.0	7
6	The MUSE 3D view of feedback in a high-metallicity radio galaxy at $z \approx 2.9$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3649-3672.	4.4	15
7	USING THE ROSSITER-McLAUGHLIN EFFECT TO OBSERVE THE TRANSMISSION SPECTRUM OF EARTH'S ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2015, 806, L23.	8.3	31
8	High-resolution transmission spectrum of the Earth's atmosphere-seeing Earth as an exoplanet using a lunar eclipse. <i>International Journal of Astrobiology</i> , 2015, 14, 255-266.	1.6	51
9	POLARIZED EXTENDED $Ly\alpha$ EMISSION FROM A $z = 2.3$ RADIO GALAXY. <i>Astrophysical Journal Letters</i> , 2013, 768, L3.	8.3	26
10	The jet-cloud interacting radio galaxy PKS B2152+699 - I. Structures revealed in new deep radio and X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1346-1362.	4.4	33
11	Why Aye-Ayes See Blue. <i>American Journal of Primatology</i> , 2012, 74, 185-192.	1.7	91
12	EARLY-TYPE GALAXIES AT $z \approx 1.3$ . III. ON THE DEPENDENCE OF FORMATION EPOCHS AND STAR FORMATION HISTORIES ON STELLAR MASS AND ENVIRONMENT. <i>Astrophysical Journal</i> , 2011, 732, 94.	4.5	38
13	VERY STRONG EMISSION-LINE GALAXIES IN THE WFC3 INFRARED SPECTROSCOPIC PARALLEL SURVEY AND IMPLICATIONS FOR HIGH-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2011, 743, 121.	4.5	181
14	THE WFC3 INFRARED SPECTROSCOPIC PARALLEL (WISP) SURVEY. <i>Astrophysical Journal</i> , 2010, 723, 104-115.	4.5	116
15	FORMATION EPOCHS, STAR FORMATION HISTORIES, AND SIZES OF MASSIVE EARLY-TYPE GALAXIES IN CLUSTER AND FIELD ENVIRONMENTS AT $z = 1.2$ : INSIGHTS FROM THE REST-FRAME ULTRAVIOLET. <i>Astrophysical Journal</i> , 2010, 709, 512-524.	4.5	102
16	SPECTROSCOPIC OBSERVATIONS OF LYMAN BREAK GALAXIES AT REDSHIFTS $z \approx 4, 5$ , AND 6 IN THE GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , 2009, 695, 1163-1182.	4.5	177
17	Deep spectroscopy of the FUV-optical emission lines from a sample of radio galaxies at $z \approx 2.5$ : metallicity and ionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 383, 11-40.	4.4	75
18	The Massive Hosts of Radio Galaxies across Cosmic Time. <i>Astrophysical Journal, Supplement Series</i> , 2007, 171, .	7.7	217

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19	Astronomical applications of quantum optics for extremely large telescopes. <i>Journal of Modern Optics</i> , 2007, 54, 191-197.	1.3	22
20	Giant Ly $\alpha$ nebulae around $z > 2$ radio galaxies: evidence for infall. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 705-714.	4.4	40
21	Ly $\alpha$ excess in high-redshift radio galaxies: a signature of star formation... <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1299-1310.	4.4	55
22	UV and optical emission lines from the $z \approx 2.6$ radio galaxy 0828+193: spatially resolved measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1729-1737.	4.4	6
23	Jet-gas interactions in $z \approx 2.5$ radio galaxies: evolution of the ultraviolet line and continuum emission with radio morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1103-1114.	4.4	48
24	Astronomical quantum optics with Extremely Large Telescopes. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 502-505.	0.0	6
25	Kinematically quiet haloes around $z \approx 2.5$ radio galaxies. Keck spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 273-294.	4.4	109
26	Polarization and kinematics in Cygnus A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, L13-L17.	4.4	9
27	Massive Star Formation in a Gravitationally Lensed HII Galaxy at $z = 3.357$ . <i>Astrophysical Journal</i> , 2003, 596, 797-809.	4.5	90
28	Giant low surface brightness haloes in distant radio galaxies: USS0828+193. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 436-444.	4.4	37
29	RX J0848+4456: Disentangling a Moderate Redshift Cluster. <i>Astronomical Journal</i> , 2001, 122, 629-636.	4.7	26
30	NICMOS Observations of High-Redshift Radio Galaxies: Witnessing the Formation of Bright Elliptical Galaxies?. <i>Astrophysical Journal, Supplement Series</i> , 2001, 135, 63-85.	7.7	98
31	Radio jet interactions in the radio galaxy PKS 2152-699. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 701-708.	4.4	34
32	The nature of the optical-radio correlations for powerful radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 1035-1047.	4.4	68
33	Radio, optical and X-ray observations of PKS 2250 - 41: a jet/galaxy collision?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 558-582.	4.4	38
34	Scattered Nuclear Continuum and Broad H $\alpha$ in Cygnus A. <i>Astrophysical Journal</i> , 1997, 482, L37-L40.	4.5	80
35	The soft X-ray properties of a complete sample of radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 1331-1344.	4.4	38
36	The nature of the optical filaments in Centaurus A. Evidence for a beamed ionizing continuum... <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 249, 91-112.	4.4	78

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37	An ultraviolet and optical study of the broad-line radio galaxy 3C 382. Monthly Notices of the Royal Astronomical Society, 1986, 219, 555-574.	4.4	11
38	IUE observations of extragalactic objects. Nature, 1978, 275, 404-414.	27.8	45
39	Non-thermal line broadening in the solar chromosphere. Solar Physics, 1974, 34, 309-311.	2.5	0