

# D Michael Crenshaw

## List of Publications by Year in descending order

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91  
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#	ARTICLE	IF	CITATIONS
1	Quantifying Feedback from Narrow Line Region Outflows in Nearby Active Galaxies. IV. The Effects of Different Density Estimates on the Ionized Gas Masses and Outflow Rates. <i>Astrophysical Journal</i> , 2022, 930, 14.	4.5	14
2	Space Telescope and Optical Reverberation Mapping Project. IX. Velocity–Delay Maps for Broad Emission Lines in NGC 5548. <i>Astrophysical Journal</i> , 2021, 907, 76.	4.5	36
3	The AGNIFS survey: distribution and excitation of the hot molecular and ionized gas in the inner kpc of nearby AGN hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3265-3283.	4.4	15
4	Gauging the effect of supermassive black holes feedback on quasar host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3890-3908.	4.4	13
5	Quantifying Feedback from Narrow Line Region Outflows in Nearby Active Galaxies. III. Results for the Seyfert 2 Galaxies Markarian 3, Markarian 78, and NGC 1068*. <i>Astrophysical Journal</i> , 2021, 910, 139.	4.5	26
6	<i>Hubble Space Telescope</i> [O III] emission-line kinematics in two nearby QSO2s: a case for X-ray feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3054-3069.	4.4	6
7	Tully–Fisher Distances and Dynamical Mass Constraints for 24 Host Galaxies of Reverberation-mapped AGNs. <i>Astrophysical Journal</i> , 2021, 912, 160.	4.5	9
8	Radiative Driving of the AGN Outflows in the Narrow-line Seyfert 1 Galaxy NGC 4051*. <i>Astrophysical Journal</i> , 2021, 916, 31.	4.5	10
9	Mass outflow of the X-ray emission line gas in NGC 4151. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3893-3910.	4.4	14
10	<i>Hubble Space Telescope</i> observations of [O III] emission in nearby QSO2s: physical properties of the ionized outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1491-1504.	4.4	16
11	Gemini Near-Infrared Field Spectrograph Observations of the Seyfert 2 Galaxy Mrk 3: Feeding and Feedback on Galactic and Nuclear Scales. <i>Astrophysical Journal</i> , 2020, 893, 80.	4.5	14
12	Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548. <i>Astrophysical Journal</i> , 2020, 902, 74.	4.5	22
13	Space Telescope and Optical Reverberation Mapping Project. X. Understanding the Absorption-line Holiday in NGC 5548. <i>Astrophysical Journal</i> , 2019, 877, 119.	4.5	35
14	Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum. <i>Astrophysical Journal</i> , 2019, 881, 153.	4.5	34
15	A Dissection of Spatially Resolved AGN Feedback across the Electromagnetic Spectrum. <i>Astrophysical Journal</i> , 2019, 887, 200.	4.5	14
16	Observations of AGN feeding and feedback on Nuclear, Galactic, and Extragalactic Scales. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 318-322.	0.0	0
17	HST observations of [O III] emission in nearby QSO2s: Physical properties of the outflows. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 269-271.	0.0	0
18	Mass outflow of the X-ray emission line gas in NGC 4151. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 131-135.	0.0	0

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19	Identifying the extent of AGN outflows using spatially resolved gas kinematics. Proceedings of the International Astronomical Union, 2019, 15, 285-287.	0.0	0
20	Outflows in the narrow-line region of bright Seyfert galaxies â€“ I. GMOS-IFU data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2760-2778.	4.4	37
21	Hubble Space Telescope Observations of Extended [O iii]âˆ« 5007 Emission in Nearby QSO2s: New Constraints on AGN Host Galaxy Interaction. Astrophysical Journal, 2018, 856, 102.	4.5	70
22	Quantifying Feedback from Narrow Line Region Outflows in Nearby Active Galaxies. I. Spatially Resolved Mass Outflow Rates for the Seyfert 2 Galaxy Markarian 573. Astrophysical Journal, 2018, 856, 46.	4.5	67
23	Evolution of the Outflows in NGC 3516. Astrophysical Journal, 2018, 854, 166.	4.5	3
24	Quantifying Feedback from Narrow Line Region Outflows in Nearby Active Galaxies. II. Spatially Resolved Mass Outflow Rates for the QSO2 Markarian 34*. Astrophysical Journal, 2018, 867, 88.	4.5	48
25	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. Astrophysical Journal, 2017, 837, 131.	4.5	93
26	GEMINI NEAR INFRARED FIELD SPECTROGRAPH OBSERVATIONS OF THE SEYFERT 2 GALAXY MRK 573: IN SITU ACCELERATION OF IONIZED AND MOLECULAR GAS OFF FUELING FLOWS. Astrophysical Journal, 2017, 834, 30.	4.5	52
27	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT.VI. REVERBERATING DISK MODELS FOR NGC 5548. Astrophysical Journal, 2017, 835, 65.	4.5	68
28	Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy. Astrophysical Journal, 2017, 846, 55.	4.5	33
29	Disentangling the near-infrared continuum spectral components of the inner 500Åpc of Mrk 573: two-dimensional maps. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3286-3295.	4.4	12
30	BAT AGN Spectroscopic Survey. I. Spectral Measurements, Derived Quantities, and AGN Demographics. Astrophysical Journal, 2017, 850, 74.	4.5	217
31	BAT AGN Spectroscopic Survey â€“ III. An observed link between AGN Eddington ratio and narrow-emission-line ratios. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1466-1473.	4.4	22
32	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. III. OPTICAL CONTINUUM EMISSION AND BROADBAND TIME DELAYS IN NGC 5548. Astrophysical Journal, 2016, 821, 56.	4.5	200
33	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. IV. ANOMALOUS BEHAVIOR OF THE BROAD ULTRAVIOLET EMISSION LINES IN NGC 5548. Astrophysical Journal, 2016, 824, 11.	4.5	63
34	NEW INSIGHTS INTO THE SPECTRAL VARIABILITY AND PHYSICAL CONDITIONS OF THE X-RAY ABSORBERS IN NGC 4151. Astrophysical Journal, 2016, 833, 191.	4.5	15
35	A REVERBERATION-BASED BLACK HOLE MASS FOR MCG-06-30-15. Astrophysical Journal, 2016, 830, 136.	4.5	43
36	BAT AGN spectroscopic surveyâ€“II. X-ray emission and high-ionization optical emission lines. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3622-3634.	4.4	59

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37	PHYSICAL CONDITIONS IN THE X-RAY EMISSION-LINE GAS IN NGC 1068. <i>Astrophysical Journal</i> , 2015, 798, 53.	4.5	17
38	A MINOR MERGER CAUGHT IN THE ACT OF FUELING THE ACTIVE GALACTIC NUCLEUS IN Mrk 509. <i>Astrophysical Journal</i> , 2015, 799, 234.	4.5	21
39	FEEDBACK FROM MASS OUTFLOWS IN NEARBY ACTIVE GALACTIC NUCLEI. II. OUTFLOWS IN THE NARROW-LINE REGION OF NGC 4151. <i>Astrophysical Journal</i> , 2015, 799, 83.	4.5	46
40	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. II. <i>SWIFT</i> AND <i>HST</i> REVERBERATION MAPPING OF THE ACCRETION DISK OF NGC 5548. <i>Astrophysical Journal</i> , 2015, 806, 129.	4.5	216
41	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. I. ULTRAVIOLET OBSERVATIONS OF THE SEYFERT 1 GALAXY NGC 5548 WITH THE COSMIC ORIGINS SPECTROGRAPH ON <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal</i> , 2015, 806, 128.	4.5	116
42	LONG-TERM X-RAY STABILITY AND ULTRAVIOLET VARIABILITY OF THE IONIZED ABSORPTION IN NGC 3783. <i>Astrophysical Journal</i> , 2014, 797, 105.	4.5	13
43	DETERMINING INCLINATIONS OF ACTIVE GALACTIC NUCLEI VIA THEIR NARROW-LINE REGION KINEMATICS. II. CORRELATION WITH OBSERVED PROPERTIES. <i>Astrophysical Journal</i> , 2014, 785, 25.	4.5	33
44	DETERMINING INCLINATIONS OF ACTIVE GALACTIC NUCLEI VIA THEIR NARROW-LINE REGION KINEMATICS. I. OBSERVATIONAL RESULTS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 1.	7.7	211
45	OBSERVATIONS OF OUTFLOWING ULTRAVIOLET ABSORBERS IN NGC 4051 WITH THE COSMIC ORIGINS SPECTROGRAPH. <i>Astrophysical Journal</i> , 2012, 751, 84.	4.5	12
46	FEEDBACK FROM MASS OUTFLOWS IN NEARBY ACTIVE GALACTIC NUCLEI. I. ULTRAVIOLET AND X-RAY ABSORBERS. <i>Astrophysical Journal</i> , 2012, 753, 75.	4.5	139
47	<i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS OF THE DOUBLE-PEAKED EMISSION LINES IN THE SEYFERT GALAXY MARKARIAN 78: MASS OUTFLOWS FROM A SINGLE ACTIVE GALACTIC NUCLEUS. <i>Astrophysical Journal</i> , 2011, 727, 71.	4.5	71
48	Contemporaneous Chandra HETG and Suzaku X-ray observations of NGC 4051. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1965-1986.	4.4	40
49	RADIAL VELOCITY OFFSETS DUE TO MASS OUTFLOWS AND EXTINCTION IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 708, 419-426.	4.5	111
50	Spectral variability and reverberation time delays in the <i>Suzaku</i> X-ray spectrum of NGC 4051. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 196-210.	4.4	62
51	MODELING THE OUTFLOW IN THE NARROW-LINE REGION OF MARKARIAN 573: BICONICAL ILLUMINATION OF A GASEOUS DISK. <i>Astronomical Journal</i> , 2010, 140, 577-583.	4.7	47
52	THE GEOMETRY OF MASS OUTFLOWS AND FUELING FLOWS IN THE SEYFERT 2 GALAXY MRK 3. <i>Astronomical Journal</i> , 2010, 139, 871-877.	4.7	43
53	PHYSICAL CONDITIONS IN THE INNER NARROW-LINE REGION OF THE SEYFERT 2 GALAXY MARKARIAN 573. <i>Astrophysical Journal</i> , 2009, 698, 106-114.	4.5	31
54	MASS OUTFLOW IN THE SEYFERT 1 GALAXY NGC 5548. <i>Astrophysical Journal</i> , 2009, 698, 281-292.	4.5	38

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55	PHYSICAL CONDITIONS IN THE NARROW-LINE REGION OF MARKARIAN 3. II. PHOTOIONIZATION MODELING RESULTS. <i>Astrophysical Journal</i> , 2009, 694, 765-788.	4.5	25
56	Intrinsic Absorbers in Active Galactic Nuclei. , 2009, , .		0
57	Velocity Offsets Due to Mass Outflows in Active Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 387-392.	0.0	0
58	Probing the Ionization Structure of the Narrow-Line Region in the Seyfert 1 Galaxy NGC 4151. <i>Astrophysical Journal</i> , 2008, 679, 1128-1143.	4.5	43
59	Constraining the Active Galactic Nucleus Contribution in a Multiwavelength Study of Seyfert Galaxies. <i>Astrophysical Journal</i> , 2008, 689, 95-107.	4.5	56
60	New Indicators for AGN Power: The Correlation between $[O\text{III}]\lambda 25.89\ \mu\text{m}$ and Hard X-ray Luminosity for Nearby Seyfert Galaxies. <i>Astrophysical Journal</i> , 2008, 682, 94-103.	4.5	118
61	Spitzer-IRS Observations of Seyfert 1.8 and 1.9 Galaxies: A Comparison with Seyfert 1 and Seyfert 2. <i>Astrophysical Journal</i> , 2007, 671, 124-135.	4.5	63
62	Dynamics of the Narrow-Line Region in the Seyfert 2 Galaxy NGC 1068. <i>Astrophysical Journal</i> , 2007, 656, 699-708.	4.5	47
63	Mass Outflow from the Nucleus of the Seyfert 1 Galaxy NGC 4151. <i>Astrophysical Journal</i> , 2007, 659, 250-256.	4.5	75
64	On the Effects of Dissipative Turbulence on the Narrow Emission-Line Ratios in Seyfert Galaxies. <i>Astrophysical Journal</i> , 2007, 668, 730-737.	4.5	11
65	Simultaneous Ultraviolet and X-ray Observations of the Seyfert Galaxy NGC 4151. II. Physical Conditions in the UV Absorbers. <i>Astrophysical Journal</i> , Supplement Series, 2006, 167, 161-176.	7.7	40
66	Kinematics of the Narrow-Line Region in the Seyfert 2 Galaxy NGC 1068: Dynamical Effects of the Radio Jet. <i>Astronomical Journal</i> , 2006, 132, 620-632.	4.7	119
67	The Host Galaxies of Narrow-Line Seyfert 1 Galaxies: Nuclear Dust Morphology and Starburst Rings. <i>Astronomical Journal</i> , 2006, 132, 321-346.	4.7	104
68	Physical Conditions in the Narrow-Line Region of Markarian 3. I. Observational Results. <i>Astrophysical Journal</i> , 2005, 619, 116-133.	4.5	22
69	Simultaneous Ultraviolet and X-ray Observations of Seyfert Galaxy NGC 4151. I. Physical Conditions in the X-ray Absorbers. <i>Astrophysical Journal</i> , 2005, 633, 693-705.	4.5	75
70	Mapping the Kinematics of the Narrow-Line Region in the Seyfert Galaxy NGC 4151. <i>Astronomical Journal</i> , 2005, 130, 945-956.	4.7	123
71	The Connection between the Narrow-Line Region and the UV Absorbers in Seyfert Galaxies. <i>Astrophysical Journal</i> , 2005, 625, 680-687.	4.5	36
72	The host galaxies of narrow-line Seyfert-1s: Evidence for bar-driven fueling. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 415-418.	0.0	1

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73	EUV continuum of narrow-line Seyfert 1 galaxies. Proceedings of the International Astronomical Union, 2004, 2004, 87-88.	0.0	0
74	Combined HST/STIS, FUSE, and Chandra observations of the Seyfert 1 galaxy NGC 4151. Proceedings of the International Astronomical Union, 2004, 2004, 275-278.	0.0	0
75	Mass Loss from the Nuclei of Active Galaxies. Annual Review of Astronomy and Astrophysics, 2003, 41, 117-167.	24.3	423
76	Simultaneous Ultraviolet and X-Ray Spectroscopy of the Seyfert 1 Galaxy NGC 5548. I. Physical Conditions in the Ultraviolet Absorbers. Astrophysical Journal, 2003, 594, 116-127.	4.5	46
77	Space Telescope Imaging Spectrograph Echelle Observations of the Seyfert Galaxy NGC 4151: Physical Conditions in the Ultraviolet Absorbers. Astrophysical Journal, 2001, 551, 671-686.	4.5	62
78	High-Resolution X-Ray and Ultraviolet Spectroscopy of the Complex Intrinsic Absorption in NGC 4051 with Chandra and the Hubble Space Telescope. Astrophysical Journal, 2001, 557, 2-17.	4.5	113
79	Kinematics of the Narrow-Line Region in the Seyfert 2 Galaxy Markarian 3. Astronomical Journal, 2001, 122, 2961-2968.	4.7	55
80	Resolved Spectroscopy of the Narrow-Line Region in NGC 1068. II. Physical Conditions near the NGC 1068 "Hot Spot". Astrophysical Journal, 2000, 532, 256-266.	4.5	67
81	A Kinematic Model for the Narrow-Line Region in NGC 4151. Astronomical Journal, 2000, 120, 1731-1738.	4.7	101
82	Space Telescope Imaging Spectrograph Long-Slit Spectroscopy of the Narrow-Line Region of NGC 4151. II. Physical Conditions along Position Angle 221°. Astrophysical Journal, 2000, 531, 278-295.	4.5	64
83	Resolved Spectroscopy of the Narrow-Line Region in NGC 1068. III. Physical Conditions in the Emission-Line Gas. Astrophysical Journal, 2000, 544, 763-779.	4.5	77
84	Resolved Spectroscopy of the Narrow-Line Region in NGC 1068. I. The Nature of the Continuum Emission. Astrophysical Journal, 2000, 532, 247-255.	4.5	30
85	Space Telescope Imaging Spectrograph Long-Slit Spectroscopy of the Narrow-Line Region of NGC 4151. I. Kinematics and Emission-Line Ratios. Astrophysical Journal, 2000, 531, 257-277.	4.5	48
86	Resolved Spectroscopy of the Narrow-Line Region in NGC 1068: Kinematics of the Ionized Gas. Astrophysical Journal, 2000, 532, L101-L104.	4.5	144
87	Gas Cloud Kinematics near the Nucleus of NGC 4151. Astrophysical Journal, 1998, 492, L115-L119.	4.5	63
88	Steps toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. IX. Ultraviolet Observations of Fairall 9. Astrophysical Journal, Supplement Series, 1997, 110, 9-20.	7.7	158
89	Multiwavelength Observations of Short-Timescale Variability in NGC 4151. I. Ultraviolet Observations. Astrophysical Journal, 1996, 470, 322.	4.5	66
90	Evidence for a low-density component in the broad-line region of Seyfert 1 galaxies. Publications of the Astronomical Society of the Pacific, 1986, 98, 185.	3.1	11

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91	Tracking X-ray Outflows with Optical/IR Footprint Lines. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	3