

Refereed:

First Author:

7. **Johnson, B. D.**, Leja, J., Conroy, C., & Speagle, J. S. (2021) ApJS, 254:22
Stellar Population Inference with Prospector
 6. **Johnson, B. D.**, et al. (2020) ApJ, 900:103
A Diffuse Metal-poor Component of the Sagittarius Stream Revealed by the H3 Survey
 5. **Johnson, B. D.** et al. (2013), ApJ, 772:8
Measuring Galaxy Star Formation Rates From Integrated Photometry: Insights From Color-Magnitude Diagrams of Resolved Stars
 4. **Johnson, B. D.**, et al. (2007), ApJS, 173:392
Ultraviolet through Infrared Spectral Energy Distributions from 1000 SDSS Galaxies: Dust Attenuation
 3. **Johnson, B. D.**, et al. (2007), ApJS, 173:377
Ultraviolet, Optical, and Infrared Constraints on Models of Stellar Populations and Dust Attenuation
 2. **Johnson, B. D.**, & Crotts, A. P. S. (2006), AJ, 132:756-768
Photometric Identification of Type Ia Supernovae at Moderate Redshift
 1. **Johnson, B. D.**, et al. (2006), ApJL, 644:L109-112
Dissecting Galaxy Colors with GALEX, SDSS, and Spitzer
-

Second and Third Author:

29. Cargile, P. A., Conroy, C., **Johnson, B. D.**, Ting, Y.-S., et al. (2020) ApJ, 900:28
MINESweeper: Spectrophotometric Modeling of Stars in the Gaia Era
28. Leja, J., Speagle, J. S., **Johnson, B. D.**, Conroy, C., et al. (2020) ApJ, 893:111
A New Census of the $0.2 < z < 3.0$ Universe. I. The Stellar Mass Function
27. Leja, J., **Johnson, B. D.**, Conroy, C., van Dokkum, P., Speagle, J. S., et al. (2019) ApJ, 877:140
An Older, More Quiescent Universe from Panchromatic SED Fitting of the 3D-HST Survey
26. Leja, J., Carnall, A. C., **Johnson, B. D.**, Conroy, C., Speagle, J. S. (2019) ApJ, 876:3
How to Measure Galaxy Star Formation Histories. II. Nonparametric Models
25. Carnall, A. C., Leja, J., **Johnson, B. D.**, McLure, R. J., Dunlop, J. S., Conroy, C. (2019) ApJ, 873:44
How to Measure Galaxy Star Formation Histories. I. Parametric Models
24. Choi, J., Conroy, C., **Johnson, B. D.** (2019) ApJ, 872:136
The Imprint of Element Abundance Patterns on Quiescent Galaxy Spectral Energy Distributions
23. Leja, J., **Johnson, B. D.**, Conroy, C., van Dokkum, P. (2018) ApJ, 854:62
Hot Dust in Panchromatic SED Fitting: Identification of Active Galactic Nuclei and Improved Galaxy Properties

22. Imara, N., Loeb, A., **Johnson, B. D.**, et al. (2018) ApJ, 854:36
A Model Connecting Galaxy Masses, Star Formation Rates, and Dust Temperatures across Cosmic Time
21. Narayanan, D., Davé, R., **Johnson, B. D.**, et al. (2018) MNRAS, 474:1718
The IRX- β dust attenuation relation in cosmological galaxy formation simulations
20. Villaume, A., Conroy, C., **Johnson, B. D.**, et al. (2017), ApJS, 230:23
The Extended IRTF Spectral Library: Expanded Coverage in Metallicity, Temperature, and Surface Gravity
19. Byler, N., Dalcanton, J. J., Conroy, C., **Johnson, B. D.** (2017) ApJ, 840:44
Nebular Continuum and Line Emission in Stellar Population Synthesis Models
18. Leja, J., **Johnson, B. D.**, Conroy, C., van Dokkum, P. G., Byler, N. (2017) ApJ, 837:170
Deriving Physical Properties from Broadband Photometry with Prospector: Description of the Model and a Demonstration of its Accuracy Using 129 Galaxies in the Local Universe
17. Lewis, A. R., Simones, J. E., **Johnson, B. D.**, Dalcanton, J. J. et al. (2017), ApJ, 834:70
The Panchromatic Hubble Andromeda Treasury. XVII. Examining Obscured Star Formation with Synthetic Ultraviolet Flux Maps in M31
16. Boylan-Kolchin, M., Weisz, D. R., **Johnson, B. D.**, et al. (2015), MNRAS, 453:1503
The Local Group as a Time Machine: Studying the High-Redshift Universe with Nearby Galaxies
15. Villaume, A., Conroy, C., **Johnson, B. D.** (2015), ApJ, 794:L3
Circumstellar Dust Around AGB Stars and Implications for Infrared Emission from Galaxies
14. Battisti, A. J., Calzetti, D., **Johnson, B. D.**, Elbaz, D. (2015), ApJ, 800:143
Continuous Mid-Infrared Star Formation Rate Indicators: Diagnostics for $0 < z < 3$ Star-Forming Galaxies
13. Cook, D. O., Dale, D. A., **Johnson, B. D.**, et al. (2014), MNRAS, 445:881
The Spitzer Local Volume Legacy (LVL) global optical photometry
12. Weisz, D. R., **Johnson, B. D.**, Conroy, C. (2014), ApJL, 794:L3
The Very Faint End of the UV Luminosity Function over Cosmic Time: Constraints from the Local Group Fossil Record
11. Weisz, D. R., **Johnson, B. D.**, et al. (2012), ApJ, 744:44
Modeling the Effects of Star Formation Histories on $H\alpha$ and Ultraviolet Fluxes in Nearby Dwarf Galaxies
10. O'Dowd, M., Schiminovich, D., **Johnson, B. D.**, Treyer, M., et al. (2011), ApJ, 741:79
SSGSS: The Spitzer-SDSS-GALEX Spectroscopic Survey
9. Hao, C-N., Kennicutt, R. C., **Johnson, B. D.**, Calzetti, D., Dale, D. A., Moustakas, J., (2011) ApJ, 741:124
Dust-Corrected Star Formation Rates of Galaxies. II. Combinations of Ultraviolet and Infrared Tracers
8. Bothwell, M., Kennicutt, R. C., **Johnson, B. D.**, Wu, Y., et al., (2011), MNRAS, 415:1815
The Star Formation Rate Distribution Function of the Local Universe

7. Nestor, D. B., **Johnson, B. D.**, Wild, V., et al., (2011), MNRAS, 412:1559
Large-Scale Outflows From $z \sim 0.7$ Starburst Galaxies Identified via Ultrastrong Mg II Quasar Absorption Lines
6. Treyer, M., Schiminovich, D., **Johnson, B.D.**, O'Dowd, M., et al., (2010), ApJ, 719:1191
Mid-infrared Spectral Indicators of Star Formation and Active Galactic Nucleus Activity in Normal Galaxies
5. O'Dowd, M., Schiminovich, D., **Johnson, B.D.**, Treyer, M., et al. (2009) ApJ, 705:885
Polycyclic Aromatic Hydrocarbons in Galaxies at $z \sim 0.1$: the Effect of Star Formation and AGN
4. Treyer, M., Schiminovich, D., **Johnson, B. D.**, et al. (2007), ApJS, 173:276
Extinction-corrected Star Formation Rates Empirically Derived from Ultraviolet-Optical Colors
3. Basu-Zych, A., Schiminovich, D., **Johnson, B. D.**, Hoopes, C., et al. (2007), ApJS, 173:457
The Young and the Dustless: Interpreting Radio Observations of Ultraviolet Luminous Galaxies
2. Levenson, L.R., **Johnson, B. D.**, & Wright, E.L. (2007), ApJ, 666:34
DIRBE Minus 2MASS: Confirming the CIRB in 40 New Regions at 2.2 and 3.5 Microns
1. Mesinger, A., **Johnson, B. D.**, & Haiman, Z. (2006), ApJ, 637:80-90
The Redshift Distribution of Distant Supernovae and its Use in Probing Reionization

Other:

75. Tacchella, S., Conroy, C., Faber, S. M., **Johnson, B. D.**, Leja, J., et al. (2022) ApJ, 926:134
Fast, Slow, Early, Late: Quenching Massive Galaxies at $z \sim 0.8$
74. Suess, K. A., et al. (2022) ApJ, 926:89
SQUIGGLE : Studying Quenching in Intermediate- z Galaxies-Gas, Angular Momentum, and Evolution
73. Shen, J., et al. (2022) ApJ, 925:1
The Mass of the Milky Way from the H3 Survey
72. Nelson, E. J., et al. (2021) MNRAS, 508:219
Spatially resolved star formation and inside-out quenching in the TNG50 simulation and 3D-HST observations
71. Olsen, C., Gawiser, E., Iyer, K., McQuinn, K. B. W., **Johnson, B. D.**, et al. (2021) ApJ, 913:45
Star Formation Histories from Spectral Energy Distributions and Color-magnitude Diagrams Agree: Evidence for Synchronized Star Formation in Local Volume Dwarf Galaxies over the Past 3 Gyr
70. Conroy, C., et al. (2021) Natur, 592:534
All-sky dynamical response of the Galactic halo to the Large Magellanic Cloud
69. Bonaca, A., et al. (2021) ApJL, 909:L26
Orbital Clustering Identifies the Origins of Galactic Stellar Streams
68. Belli, S., et al. (2021) ApJL, 909:L11
The Diverse Molecular Gas Content of Massive Galaxies Undergoing Quenching at $z \sim 1$
67. Carter, C., et al. (2021) ApJ, 908:208
Ancient Very Metal-poor Stars Associated with the Galactic Disk in the H3 Survey

66. Narayanan, D., et al. (2021) ApJS, 252:12
POWDERDAY: Dust Radiative Transfer for Galaxy Simulations
65. Zaritsky, D., et al. (2020) ApJL, 905:L3
Discovery of Magellanic Stellar Debris in the H3 Survey
64. Lower, S., Narayanan, D., Leja, J., **Johnson, B. D.**, Conroy, C., et al. (2020) ApJ, 904:33
How Well Can We Measure the Stellar Mass of a Galaxy: The Impact of the Assumed Star Formation History Model in SED Fitting
63. Naidu, R. P., Conroy, C., Bonaca, A., **Johnson, B. D.**, et al. (2020) ApJ, 901:48
Evidence from the H3 Survey That the Stellar Halo Is Entirely Comprised of Substructure
62. Vale Asari, N., et al. (2020) MNRAS, 498:4205
Less than the sum of its parts: the dust-corrected $H\alpha$ luminosity of star-forming galaxies explored at different spatial resolutions with MaNGA and MUSE
61. Pasha, I., Leja, J., van Dokkum, P. G., Conroy, C., & **Johnson, B. D.** (2020) ApJ, 898:165
Brackett- γ as a Gold-standard Test of Star Formation Rates Derived from SED Fitting
60. Alsing, J., et al. (2020) ApJS, 249:5
SPECULATOR: Emulating Stellar Population Synthesis for Fast and Accurate Galaxy Spectra and Photometry
59. Bonaca, A., Conroy, C., Cargile, P. A., Naidu, R. P., **Johnson, B. D.**, et al. (2020) ApJL, 897:L18
Timing the Early Assembly of the Milky Way with the H3 Survey
58. Zick, T. O., et al. (2020) MNRAS, 493:5653
Towards studying hierarchical assembly in real time: a Milky Way progenitor galaxy at $z = 2.36$ under the microscope
57. Bonaca, A., et al. (2020) ApJL, 892:L37
High-resolution Spectroscopy of the GD-1 Stellar Stream Localizes the Perturber near the Orbital Plane of Sagittarius
56. Conroy, C., et al. (2019) ApJ, 887:237
Resolving the Metallicity Distribution of the Stellar Halo with the H3 Survey
55. Aniano, G., Draine, B. T., et al. (2020) ApJ, 889:150
Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample
54. Zaritsky, D., et al. (2020) ApJ, 888:114
A Lower Limit on the Mass of Our Galaxy from the H3 Survey
53. Carnall, A. C., et al. (2019) MNRAS, 490:417
The VANDELS survey: the star-formation histories of massive quiescent galaxies at $1.0 < z < 1.3$
52. Kamdar, H., et al. (2019) ApJ, 884:173
A Dynamical Model for Clustered Star Formation in the Galactic Disk
51. Conroy, C., et al. (2019) ApJ, 883:107
Mapping the Stellar Halo with the H3 Spectroscopic Survey
50. Emami, N., et al. (2019) ApJ, 881:71
A Closer Look at Bursty Star Formation with $L_{H\alpha}$ and L_{UV} Distributions

49. Byler, N., et al. (2019) AJ, 158:2
Self-consistent Predictions for LIER-like Emission Lines from Post-AGB Stars
48. Mohammed, S., et al. (2019) ApJ, 872:95
An Ultraviolet-Optical Color-Metallicity Relation for Red Clump Stars Using GALEX and Gaia
47. Tacchella, S., et al. (2018) ApJ, 868:92
A Redshift-independent Efficiency Model: Star Formation and Stellar Masses in Dark Matter Halos at $z > 4$
46. Narayanan, D., Conroy, C., Davé, R., **Johnson, B. D.**, Popping, G. (2018), ApJ, 869:70
A Theory for the Variation of Dust Attenuation Laws in Galaxies
45. Cohn, J. H., et al. (2018) ApJ, 869:141
ZFOURGE: Extreme 5007 Å Emission May Be a Common Early-lifetime Phase for Star-forming Galaxies at $z > 2.5$
44. Conroy, C., et al. (2018) ApJ, 864:111
A Complete Census of Luminous Stellar Variability on Day to Decade Timescales
43. Choi, J., et al. (2018) ApJ, 863:65
Star Cluster Ages in the Gaia Era
42. Byler, N., et al. (2018) ApJ, 863:14
Stellar and Nebular Diagnostics in the Ultraviolet for Star-forming Galaxies
41. Conroy, C., et al. (2018) ApJL, 861:L16
They Might Be Giants: An Efficient Color-based Selection of Red Giant Stars
40. Pandya, V., et al. (2018) ApJ, 858:29
The Stellar Populations of Two Ultra-diffuse Galaxies from Optical and Near-infrared Photometry
39. Byler, N., Dalcanton, J. J. , Conroy, C., **Johnson, B. D.** (2017), ApJ, 840:44
Nebular Continuum and Line Emission in Stellar Population Synthesis Models
38. Choi, J., et al., (2016), ApJ, 823:102
Mesa Isochrones and Stellar Tracks (MIST). I. Solar-scaled Models
37. Weisz, D. R., et al., (2015), ApJ, 806:198
The High-Mass Stellar Initial Mass Function in M31 Clusters
36. Bush, S. J., et al., (2014), ApJ, 793:65
A Pilot Study using Deep Infrared Imaging to Constrain the Star Formation History of the XUV Stellar Populations in NGC 4625
35. Wild, V., et al., (2014), 567:A132
The Mice at play in the CALIFA survey. A case study of a gas-rich major merger between first passage and coalescence
34. Simones, J. E., et al., (2014), ApJ, 788:12
The Panchromatic Hubble Andromeda Treasury. VI. The Reliability of Far-ultraviolet Flux as a Star Formation Tracer on Subkiloparsec Scales
33. Croxall, K. V., et al. (2013), ApJ, 777:96
Toward a Removal of Temperature Dependencies from Abundance Determinations: NGC 628

32. Arnouts, S., Le Floch, E., Chevallard, J., **Johnson, B. D.**, et al., (2013), A&A, 558:A67
Encoding of the infrared excess in the NUVrK color diagram for star-forming galaxies
31. Kreckel, K., Groves, B., Schinnerer, E., **Johnson, B. D.**, et al., (2013), ApJ 771:62
Mapping Dust Through Emission and Absorption in Nearby Galaxies
30. Li, Yiming, et al. (2013), ApJ, 768:180L
Star Formation Rates in Resolved Galaxies: Calibrations with Near- and Far-infrared Data for NGC 5055 and NGC 6946
29. Galametz, et al., (2013), MNRAS, 431:1956
Calibration of the total infrared luminosity of nearby galaxies from Spitzer and Herschel bands
28. Husemann, B., et al., (2013), A&A, 549:A87
CALIFA, the Calar Alto Legacy Integral Field Area survey: II. First public data release
27. Hinz, J. L., et al., (2012), ApJ, 756:75
Cool Dust in the Outer Ring of NGC 1291
26. Aniano, G., et al., (2012), ApJ, 756:138A
Modelling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: NGC 628 and NGC 6946
25. Berg, D., et al., (2012), ApJ, 754:98
Direct Oxygen Abundances for Low-Luminosity LVL Galaxies
24. Wang, J., et al., (2012), MNRAS, 423:3486
Quantifying the Role of Bars in the Build-Up of Central Mass Concentrations in Disc Galaxies
23. Beirao, P., et al., (2012), ApJ, 751:144
A Study of Heating and Cooling of the ISM in NGC 1097 with Herschel-PACS and Spitzer-IRS
22. Croxall, K., et al., (2012), ApJ, 747:81
Resolving the Far-IR Line Deficit: Photoelectric Heating and Far-IR Line Cooling in NGC 1097 and NGC 4559
21. Sanchez, S. F., et al., (2012), A&A, 538:A8
CALIFA, the Calar Alto Legacy Integral Field Area Survey. I. Survey Presentation
20. Kennicutt, R. C., et al., (2012), PASP 123:1347
KINGFISH – Key Insights on Nearby Galaxies: A Far-Infrared Survey with Herschel: Survey Description and Image Atlas
19. Skibba et al., (2011), ApJ, 738:89
The Emission by Dust and Stars of Nearby Galaxies in the Herschel KINGFISH Survey
18. Lee, J. C., et al, (2011), ApJS, 192:6
A GALEX Ultraviolet Imaging Survey of Galaxies in the Local Volume
17. Wild, V., et al., (2011), MNRAS, 410:1593
Optical Versus Infrared Studies of Dusty Galaxies and Active Galactic Nuclei - I. Nebular Emission Lines
16. Sanchez, S. F., Rosales-Ortega, F. F., Kennicutt, R. C., **Johnson, B. D.**, et al., (2011), MNRAS, 410:313
PPAK Wide-field Integral Field Spectroscopy of NGC 628 - I. The Largest Spectroscopic Mosaic on a Single Galaxy

15. Schiminovich, D., et al., (2010), MNRAS, 408:919
The GALEX Arecibo SDSS Survey - II. The Star Formation Efficiency of Massive Galaxies
 14. Beirao, P., et al., (2010), A&A, 518:L60
Far-Infrared Line Imaging of the Starburst Ring in NGC 1097 with the Herschel/PACS Spectrometer
 13. Engelbracht, C. W., et al., A&A, 518:L56
Enhanced Dust Heating in the Bulges of Early-Type Spiral Galaxies
 12. Sandstrom, K., et al., (2010), A&A, 518:L59
Mapping Far-IR Emission from the Central Kiloparsec of NGC 1097
 11. Rosales-Ortega, F. F., et al., (2010), MNRAS, 405:735
PINGS: the PPAK IFS Nearby Galaxies Survey
 10. Calzetti, D., et al., (2010), ApJ, 714:1256
The Calibration of Monochromatic Far-Infrared Star Formation Rate Indicators
 9. Catinella, B., et al., (2010), MNRAS, 403:683
The GALEX Arecibo SDSS Survey - I. Gas Fraction Scaling Relations of Massive Galaxies and First Data Release
 8. Lee, J. C., et al. (2009), ApJ, 706:599
Comparison of H α and UV Star Formation Rates in the Local Volume: Systematic Discrepancies for Dwarf Galaxies
 7. Kennicutt, R. C., et al., (2009), ApJ, 703:1672
Dust-Corrected Star Formation Rates of Galaxies. I. Combinations of H-alpha and Infrared Tracers
 6. Dale, D. A., et al. (2009), ApJ, 703:517
The Spitzer Local Volume Legacy: Survey Description and Infrared Photometry
 5. Gray, M., et al. (2009), MNRAS, 393:1275
STAGES: the Space Telescope A901/2 Galaxy Evolution Survey
 4. Salim, S., Rich, R. M., Charlot, S., Brinchmann, J., **Johnson, B. D.**, et al. (2007), ApJS, 173:267
UV Star Formation Rates in the Local Universe
 3. Martin, D. C., et al. (2007), ApJS, 173:415
The Star Formation and Extinction Coevolution of UV-Selected Galaxies over $0.05 < z < 1.2$
 2. Schiminovich, D., Wyder, T. K., Martin, D.C., **Johnson, B. D.**, et al. (2007), ApJS, 173:315
The UV-Optical Color Magnitude Diagram. II. Physical Properties and Morphological Evolution On and Off of a Star-forming Sequence
 1. Hickson, P., et al., (2007), PASP 119:444
The Large Zenith Telescope - A 6-meter Liquid Mirror Telescope
-