

# Kartheik G Iyer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2059018/publications.pdf>

Version: 2024-02-01

14  
papers

400  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

523  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | IQ Collaboratory. III. The Empirical Dust Attenuation Frameworkâ€”Taking Hydrodynamical Simulations with a Grain of Dust. <i>Astrophysical Journal</i> , 2022, 926, 122.   | 4.5 | 10        |
| 2  | The Near-infrared Imager and Slitless Spectrograph for the James Webb Space Telescope. II. Wide Field Slitless Spectroscopy. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 025002.                             | 3.1 | 39        |
| 3  | Across the green valley with <i>HST</i> grisms: colour evolution, crossing time-scales, and the growth of the red sequence at $z = 1.0\text{--}1.8$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3566-3588.       | 4.4 | 9         |
| 4  | 3D-DASH: The Widest Near-infrared Hubble Space Telescope Survey. <i>Astrophysical Journal</i> , 2022, 933, 129.  | 4.5 | 6         |
| 5  | Star Formation Histories from Spectral Energy Distributions and Colorâ€”magnitude Diagrams Agree: Evidence for Synchronized Star Formation in Local Volume Dwarf Galaxies over the Past 3 Gyr. <i>Astrophysical Journal</i> , 2021, 913, 45. | 4.5 | 9         |
| 6  | IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. <i>Astrophysical Journal</i> , 2021, 915, 53.   | 4.5 | 19        |
| 7  | The LSST-DESC 3x2pt Tomography Optimization Challenge. <i>The Open Journal of Astrophysics</i> , 2021, 4, .  | 2.8 | 7         |
| 8  | The diversity and variability of star formation histories in models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 430-463.  | 4.4 | 62        |
| 9  | Learning the relationship between galaxies spectra and their star formation histories using convolutional neural networks and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5503-5520.     | 4.4 | 28        |
| 10 | Star Formation Stochasticity Measured from the Distribution of Burst Indicators. <i>Astrophysical Journal</i> , 2019, 873, 74.   | 4.5 | 31        |
| 11 | Going beyond galaxy ages with dense basis star formation history reconstruction. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 134-137.   | 0.0 | 0         |
| 12 | Nonparametric Star Formation History Reconstruction with Gaussian Processes. I. Counting Major Episodes of Star Formation. <i>Astrophysical Journal</i> , 2019, 879, 116.  | 4.5 | 81        |
| 13 | The $SFR \propto M_{\text{dust}}^*$ Correlation Extends to Low Mass at High Redshift. <i>Astrophysical Journal</i> , 2018, 866, 120.   | 4.5 | 29        |
| 14 | Reconstruction of Galaxy Star Formation Histories through SED Fitting: The Dense Basis Approach. <i>Astrophysical Journal</i> , 2017, 838, 127.  | 4.5 | 70        |