

Publication list

Yusuke Fujimoto

Refereed Publications

FIRST AUTHOR

- (4) “*Short-lived radioisotopes in meteorites from Galactic-scale correlated star formation*”
Yusuke Fujimoto, Mark R. Krumholz & Shogo Tachibana
Monthly Notices of the Royal Astronomical Society, Volume 480, Issue 3, p.4025-4039, 11/2018
- (3) “*GMCs formation and evolution in a barred galaxy with thermal stellar feedback*”
Yusuke Fujimoto, Greg L. Bryan, Elizabeth J. Tasker, Asao Habe & Christine M. Simpson
Monthly Notices of the Royal Astronomical Society, Volume 461, Issue 2, p.1684-1700, 09/2016
- (2) “*Environmental dependence of star formation induced by cloud collisions in a barred galaxy*”
Yusuke Fujimoto, Elizabeth J. Tasker & Asao Habe
Monthly Notices Letters of the Royal Astronomical Society, Volume 445 Issue 1, p.65-69, 11/2014
- (1) “*Do Giant Molecular Clouds Care About the Galactic Structure?*”
Yusuke Fujimoto, Elizabeth J. Tasker, Mariko Wakayama & Asao Habe
Monthly Notices of the Royal Astronomical Society, Volume 439 Issue 1, p.936-953, 03/2014

COAUTHOR

- (6) “*Mixing of metals during star cluster formation: statistics and implications for chemical tagging*”
Lucia Armillotta, Mark R. Krumholz & **Yusuke Fujimoto**
Monthly Notices of the Royal Astronomical Society, Volume 481, Issue 4, p.5000-5013, 12/2018
- (5) “*The changing GMC population in galaxy interactions*”
Alex R. Pettitt, Fumi Egusa, Clare L. Dobbs, Elizabeth J. Tasker, **Yusuke Fujimoto** & Asao Habe
Monthly Notices of the Royal Astronomical Society, Volume 480, Issue 3, p.3356-3375, 11/2018
- (4) “*Large velocity dispersion of molecular gas in bars of strongly barred galaxies, NGC 1300 and NGC 5383*”
Fumiya Maeda, Kouji Ohta, **Yusuke Fujimoto**, Asao Habe & Junichi Baba
Publications of the Astronomical Society of Japan, Volume 70, Issue 3, id.37, 06/2018
- (3) “*Effects of galactic disc inclination and resolution on observed GMC properties and Larson's scaling relations*”
Hsi-An Pan, **Yusuke Fujimoto**, Elizabeth J. Tasker, Erik Rosolowsky, Dario Colombo, Samantha M. Benincasa & James Wadsley
Monthly Notices of the Royal Astronomical Society, Volume 458, Issue 3, p.2443-2453, 05/2016
- (2) “*What is a GMC? Are observers and simulators discussing the same star-forming clouds?*”
Hsi-An Pan, **Yusuke Fujimoto**, Elizabeth J. Tasker, Erik Rosolowsky, Dario Colombo, Samantha M. Benincasa & James Wadsley
Monthly Notices of the Royal Astronomical Society, Volume 453, Issue 3, p.3082-3099, 11/2015
- (1) “*Emergence of the Kennicutt-Schmidt Relation from the Small-Scale SFR-Density Relation*”
Nickolay Y. Gnedin, Elizabeth J. Tasker & **Yusuke Fujimoto**
Astrophysical Journal Letters, Volume 787 Issue 1, 05/2014