${\bf Dr.\ Vicente\ Rodriguez\text{-}Gomez}$

CONTACT INFORMATION	Instituto de Radioastronomía y Astrofísica Universidad Nacional Autónoma de México Apdo. Postal 72-3, 58089 Morelia, Mexico	E-mail: vrodgom.astro [at] gmail.com Website: GitHub ORCID: 0000-0002-9495-0079	
RESEARCH INTERESTS	Galaxy formation and evolution, cosmological simulations, hydrodynamics, galaxy mergers and interactions, galaxy morphology, data analysis		
EDUCATION	 Harvard University PhD, Astronomy & Astrophysics Thesis advisor: Lars Hernquist Thesis title: Galaxy mergers and some Secondary Field in Computer Science a 		
	AM , Astronomy	2012	
	National Autonomous University of Mex	xico	
	BS, Physics	2009	
EMPLOYMENT	Associate Professor Instituto de Radioastronomía y Astrofísica, Un	2018 – Present niversidad Nacional Autónoma de México	
	Postdoctoral Fellow Department of Physics & Astronomy, Johns H Supervisor: Jennifer Lotz	2016 – 2018 Topkins University	
	Postdoctoral Fellow Institute for Theory and Computation, Harvar Supervisor: Lars Hernquist	2016 rd-Smithsonian Center for Astrophysics	
SUMMARY OF PUBLICATIONS	Publications: 58 referred (5 as first author) Citations: 4810 in total (1175 as first author) Bibliometrics: h-index of 31)	
Public Software Packages	 statmorph		
Grants	 NASA JWST Cycle 1 General Observer Property XSEDE Computing allocation (Co-I) PAPIIT Grant, UNAM (PI) UC MEXUS-CONACyT Collaborative Grants NASA HST Cycle 27 Archival Research Property NASA HST Cycle 22 Theory Program (Computer Street Property 	2019–2020 2019 ant (PI) 2019 rogram (Co-I) 2019	
GRADUATE STUDENT MENTORSHIP	Alejandro Guzmán-OrtegaDaniel Montenegro-TabordaLuis Enrique Pérez-Montaño	2020 - Present 2020 - Present 2019 - Present	

Academic Service	Referee for: The Astrophysical Journal, The Astrophysical Journal Letters, Mon Notices of the Royal Astronomical Society, Astronomy & Astrophysics, Astronomy Computing, Universe (MDPI)		
	Proposal reviewer for: European Research Council, Dutch Research CPAPIIT-UNAM, University of Guanajuato	Council (NWO),	
TEACHING	• Professor , Instituto de Radioastronomía y Astrofísica, UNAM Preparatory Course in Electromagnetism	Fall 2021	
	• Professor , Instituto de Radioastronomía y Astrofísica, UNAM Cosmology	Spring 2021	
	• Professor , Instituto de Radioastronomía y Astrofísica, UNAM Preparatory Course in Electromagnetism	Fall 2020	
	• Professor, Instituto de Radioastronomía y Astrofísica, UNAM	Fall 2019	
	Cosmology • Workshop Instructor, Clubes de Ciencia, Mexico	Summer 2019	
	High-Performance Computing: from Climate Models to Cosmology • Professor, Escuela Nacional de Estudios Superiores - Morelia	Spring 2019	
	Distributed Computing • Workshop Instructor, Clubes de Ciencia, Mexico	Summer 2015	
	Accelerating Science Using Multiple Processors • Workshop Instructor, Clubes de Ciencia, Mexico	Summer 2014	
	Simulating Structure Formation in the Universe • Teaching Fellow, Harvard University	Fall 2013	
	Computing Foundations for Computational Science • Teaching Fellow, Harvard University	Fall 2012	
	Introduction to Quantum Mechanics		
	• Trainer, Physics Olympiad	2009 - 2010	
	Instructor of the Mexican students who participated in the 40th and 41st International Physics Olympiads	d	
Outreach	• Popular Media, The Atlantic	2022	
	Look at What Happens When Two Galaxies Collide		
	Outreach Talk, Tecnológico de Costa Rica (remote) The Universal de Effect of Plack Universal Neighboring Colomba.	2021	
	The Unexpected Effect of Black Holes on Neighboring Galaxies • Popular Media, El Sol de Zamora	2021	
	Agujeros negros podrían regular creación de galaxias	2021	
	• Outreach Talk, Tecnológico de Costa Rica (remote) A Decade of Cosmological Simulations	2021	
	• Outreach Talk, La Jacaranda Cultural, Patzcuaro	2020	
	A Decade of Cosmological Simulations • Interview, Sistema Michoacano de Radio y TV	2019	
	Featured in the weekly radio program Clasificaciónc pero con C de Ciencia		
	• Interview, UNAM Campus Morelia Featured in the 77th issue of the BUM bimonthly bulletin	2019	
		(remote) 2022	
SELECTED	, , , , , , , , , , , , , , , , , , , ,		
SCIENTIFIC	, , ,		
Talks	• Astroseminar, Macquarie University, Sydney, Australia (remote)	2021	

• Galaxy Crawl, University of Arizona, Tucson, AZ (remote)

• Astronomy Colloquium, IRyA-UNAM, Morelia, Mexico

• II Mexican Extragalactic Meeting, Morelia, Mexico

 $\bullet\,$ Seminar, Mesoamerican Centre for Theoretical Physics, Tuxtla, Mexico

• Clash of the Titans Workshop, Lorentz Center, Leiden, Netherlands (remote) 2021

2020

2020

2020

2019

• Galaxy Angular Momentum Alignment, Shanghai, China	2019
• LXII Meeting of the Mexican Physical Society, Villahermosa, Mexico	2019
• Santa Cruz Galaxy Workshop, University of California, Santa Cruz, CA	2019
• Construyendo el futuro - Encuentros de ciencia, Xochitepec, Mexico	2018
• IllustrisTNG Science Workshop, Garching, Germany	2018
• Santa Cruz Galaxy Workshop, University of California, Santa Cruz, CA	2018
• Galaxy Interactions and Mergers Across Cosmic Time, Sexten, Italy	2018
• The Growth of Galaxies in the Early Universe - IV, Sexten, Italy	2018
• Astronomy Colloquium, IRyA-UNAM, Morelia, Mexico	2018
• Galaxy Evolution in Groups and Clusters, Ringberg Castle, Germany	2017
• Astronomy Seminar, CCA, Flatiron Institute, New York, NY	2017
• ITC Luncheon, Harvard University, Cambridge, MA	2017
• Santa Cruz Galaxy Workshop, University of California, Santa Cruz, CA	2017
• HotSci Talk Series, Space Telescope Science Institute, Baltimore, MD	
• Galaxies Journal Club, Space Telescope Science Institute, Baltimore, MD	2016
• Astronomy Lunch Seminar, Tufts University, Medford, MA	2016
• The Many Pathways to Galaxy Growth, Prato, Italy	2015
• Astronomy Seminar, University of California, Riverside, CA	2015
• ITC Luncheon, Harvard University, Cambridge, MA	2015
• Astronomy Colloquium, IRyA-UNAM, Morelia, Mexico	2015
• AREPOfest-2 workshop, Cambridge, MA	2014
• Astronomy Colloquium, Columbia University, New York, NY	
• AREPOfest workshop, Heidelberg, Germany	
• Sussing Merger Trees workshop, Midhurst, UK	2013

2010

REFEREED PUBLICATIONS AS FIRST AUTHOR

Galactic angular momentum in the IllustrisTNG simulation - I. Connection to morphology, halo spin, and black hole mass

Rodriguez-Gomez, V., Genel, S., Fall, S. M., Pillepich, A., Huertas-Company, M., Nelson, D., Pérez-Montaño, L. E., Marinacci, F., Pakmor, R., Springel, V., Vogelsberger, M., and Hernquist, L., 2022, Monthly Notices of the Royal Astronomical Society, 512, 5978

The optical morphologies of galaxies in the IllustrisTNG simulation: a comparison to Pan-STARRS observations

Rodriguez-Gomez, V., Snyder, G. F., Lotz, J. M., Nelson, D., Pillepich, A., Springel, V., Genel, S., Weinberger, R., Tacchella, S., Pakmor, R., Torrey, P., Marinacci, F., Vogelsberger, M., Hernquist, L., and Thilker, D. A., 2019, Monthly Notices of the Royal Astronomical Society, 483, 4140

The role of mergers and halo spin in shaping galaxy morphology

Rodriguez-Gomez, V., Sales, L. V., Genel, S., Pillepich, A., Zjupa, J., Nelson, D., Griffen, B., Torrey, P., Snyder, G. F., Vogelsberger, M., Springel, V., Ma, C.-P., and Hernquist, L., 2017, Monthly Notices of the Royal Astronomical Society, 467, 3083

The stellar mass assembly of galaxies in the Illustris simulation: growth by mergers and the spatial distribution of accreted stars

Rodriguez-Gomez, V., Pillepich, A., Sales, L. V., Genel, S., Vogelsberger, M., Zhu, Q., Wellons, S., Nelson, D., Torrey, P., Springel, V., Ma, C.-P., and Hernquist, L., 2016, Monthly Notices of the Royal Astronomical Society, 458, 2371

The merger rate of galaxies in the Illustris simulation: a comparison with observations and semi-empirical models

Rodriguez-Gomez, V., Genel, S., Vogelsberger, M., Sijacki, D., Pillepich, A., Sales, L. V., Torrey, P., Snyder, G., Nelson, D., Springel, V., Ma, C.-P., and Hernquist, L., 2015, Monthly Notices of the Royal Astronomical Society, 449, 49

Refereed **PUBLICATIONS** AS CO-AUTHOR

- A machine learning approach to infer the accreted stellar mass fractions of central $galaxies\ in\ the\ TNG100\ simulation$
 - Shi, R., Wang, W., Li, Z., Han, J., Shi, J., Rodriguez-Gomez, V., Peng, Y., and Li, Q., 2022, Monthly Notices of the Royal Astronomical Society, 515, 3938
- Realistic galaxy images and improved robustness in machine learning tasks from generative modelling
 - Holzschuh, B. J., O'Riordan, C. M., Vegetti, S., Rodriguez-Gomez, V., and Thuerey, N., 2022, Monthly Notices of the Royal Astronomical Society, 515, 652
- The formation of low surface brightness galaxies in the IllustrisTNG simulation Pérez-Montaño, L. E., Rodriguez-Gomez, V., Cervantes Sodi, B., Zhu, Q., Pillepich, A., Vogelsberger, M., and Hernquist, L., 2022, Monthly Notices of the Royal Astronomical Society, 514, 5840
- SDSS-IV MaNGA: Cannibalism Caught in the Act-On the Frequency of Occurrence of Multiple Cores in Brightest Cluster Galaxies Hsu, Y.-H., Lin, Y.-T., Huang, S., Nelson, D., Rodriguez-Gomez, V., Lai, H.-T., Greene, J., Leauthaud, A., Aragón-Salamanca, A., Bundy, K., Emsellem, E.,
 - Merrifield, M., More, S., Okabe, N., Rong, Y., Brownstein, J. R., Lane, R. R., Pan, K., and Schneider, D. P., 2022, The Astrophysical Journal, 933, 61
- North Ecliptic Pole merging galaxy catalogue
- Pearson, W. J., Suelves, L. E., Ho, S. C. -C, Oi, N., Brough, S., Holwerda, B. W., Hopkins, A. M., Huang, T.-C, Hwang, H. S., Kelvin, L. S., Kim, S. J., López-Sánchez, A. R., Małek, K., Pearson, C., Poliszczuk, A., Pollo, A., Rodriguez-Gomez, V., Shim, H., Toba, Y., and Wang, L., 2022, Astronomy and Astrophysics, 661, A52
- The Fornax3D project: The environmental impact on gas metallicity gradients in Fornax cluster galaxies
 - Lara-López, M. A., Galán-de Anta, P. M., Sarzi, M., Iodice, E., Davis, T. A., Zabel, N., Corsini, E. M., de Zeeuw, P. T., Fahrion, K., Falcón-Barroso, J., Gadotti, D. A., McDermid, R. M., Pinna, F., Rodriguez-Gomez, V., van de Ven, G., Zhu, L., Coccato, L., Lyubenova, M., and Martín-Navarro, I., 2022, Astronomy and Astrophysics, 660, A105
- The building up of observed stellar scaling relations of massive galaxies and the connection to black hole growth in the TNG50 simulation
 - Varma, S., Huertas-Company, M., Pillepich, A., Nelson, D., Rodriguez-Gomez, V., Dekel, A., Faber, S. M., Iglesias-Navarro, P., Koo, D. C., and Primack, J., 2022, Monthly Notices of the Royal Astronomical Society, 509, 2654
- The abundance of satellites around Milky Way- and M31-like galaxies with the TNG50 simulation: a matter of diversity
 - Engler, C., Pillepich, A., Pasquali, A., Nelson, D., Rodriguez-Gomez, V., Chua, K. T. E., Grebel, E. K., Springel, V., Marinacci, F., Weinberger, R., Vogelsberger, M., and Hernquist, L., 2021, Monthly Notices of the Royal Astronomical Society, 507, 4211
- Lower-luminosity Obscured AGN Host Galaxies Are Not Predominantly in Major-merging Systems at Cosmic Noon
 - Lambrides, E. L., Chiaberge, M., Heckman, T., Kirkpatrick, A., Meyer, E. T., Petric, A., Hall, K., Long, A., Watts, D. J., Gilli, R., Simons, R., Tchernyshyov, K., Rodriguez-Gomez, V., Vito, F., de la Vega, A., Davis, J. R., Kocevski, D. D.. and Norman, C., 2021, The Astrophysical Journal, 919, 129

- ZFIRE: The Beginning of the End for Massive Galaxies at z 2 and Why Environment Matters
 - Harshan, A., Gupta, A., Tran, K.-V., **Rodriguez-Gomez, V.**, Pillepich, A., Alcorn, L. Y., Nanayakkara, T., Kacprzak, G. G., and Glazebrook, K., 2021, The Astrophysical Journal, 919, 57
- Anisotropic satellite galaxy quenching modulated by black hole activity
 Martín-Navarro, I., Pillepich, A., Nelson, D., **Rodriguez-Gomez, V.**, Donnari, M.,
 Hernquist, L., and Springel, V., 2021, Nature, 594, 187
- The stellar halos of ETGs in the IllustrisTNG simulations. II. Accretion, merger history, and dark halo connection
 - Pulsoni, C., Gerhard, O., Arnaboldi, M., Pillepich, A., **Rodriguez-Gomez, V.**, Nelson, D., Hernquist, L., and Springel, V., 2021, Astronomy and Astrophysics, 647, A95
- A deep learning approach to test the small-scale galaxy morphology and its relationship with star formation activity in hydrodynamical simulations
 - Zanisi, L., Huertas-Company, M., Lanusse, F., Bottrell, C., Pillepich, A., Nelson, D., **Rodriguez-Gomez, V.**, Shankar, F., Hernquist, L., Dekel, A., Margalef-Bentabol, B., Vogelsberger, M., and Primack, J., 2021, Monthly Notices of the Royal Astronomical Society, 501, 4359
- MOSEL and IllustrisTNG: Massive Extended Galaxies at z=2 Quench Later Than Normal-size Galaxies
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- Quenched fractions in the IllustrisTNG simulations: the roles of AGN feedback, environment, and pre-processing
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- The Morphology-Density Relationship in 1 < z < 2 Clusters
 Sazonova, E., Alatalo, K., Lotz, J., Rowlands, K., Snyder, G. F., Boone, K., Brodwin,
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 Joshi, G. D., Pillepich, A., Nelson, D., Marinacci, F., Springel, V., Rodriguez-Gomez, V., Vogelsberger, M., and Hernquist, L., 2020, Monthly Notices of the Royal Astronomical Society, 496, 2673
- The bivariate gas-stellar mass distributions and the mass functions of early- and latetype galaxies at $z\sim0$
 - Rodríguez-Puebla, A., Calette, A. R., Avila-Reese, V., **Rodriguez-Gomez, V.**, and Huertas-Company, M., 2020, Publications of the Astronomical Society of Australia, 37, e024
- Correlations between Black Holes and Host Galaxies in the Illustris and IllustrisTNG Simulations
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- MOSEL Survey: Tracking the Growth of Massive Galaxies at 2 < z < 4 Using Kinematics and the IllustrisTNG Simulation
 - Gupta, A., Tran, K.-V., Cohn, J., Alcorn, L. Y., Yuan, T., **Rodriguez-Gomez, V.**, Harshan, A., Forrest, B., Kewley, L. J., Glazebrook, K., Straatman, C. M., Kacprzak, G. G., Nanayakkara, T., Labbé, I., Papovich, C., and Cowley, M., 2020, The Astrophysical Journal, 893, 23
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- The Hubble Sequence at $z \sim 0$ in the IllustrisTNG simulation with deep learning Huertas-Company, M., Rodriguez-Gomez, V., Nelson, D., Pillepich, A., Bottrell, C., Bernardi, M., Domínguez-Sánchez, H., Genel, S., Pakmor, R., Snyder, G. F., and Vogelsberger, M., 2019, Monthly Notices of the Royal Astronomical Society, 489, 1859
- A study of stellar orbit fractions: simulated IllustrisTNG galaxies compared to CALIFA observations
 - Xu, D., Zhu, L., Grand, R., Springel, V., Mao, S., van de Ven, G., Lu, S., Wang, Y., Pillepich, A., Genel, S., Nelson, D., **Rodriguez-Gomez, V.**, Pakmor, R., Weinberger, R., Marinacci, F., Vogelsberger, M., Torrey, P., Naiman, J., and Hernquist, L., 2019, Monthly Notices of the Royal Astronomical Society, 489, 842
- Morphology and star formation in IllustrisTNG: the build-up of spheroids and discs Tacchella, S., Diemer, B., Hernquist, L., Genel, S., Marinacci, F., Nelson, D., Pillepich, A., **Rodriguez-Gomez, V.**, Sales, L. V., Springel, V., and Vogelsberger, M., 2019, Monthly Notices of the Royal Astronomical Society, 487, 5416
- Atomic and molecular gas in IllustrisTNG galaxies at low redshift
- Diemer, B., Stevens, A. R. H., Lagos, C. d. P., Calette, A. R., Tacchella, S., Hernquist, L., Marinacci, F., Nelson, D., Pillepich, A., **Rodriguez-Gomez, V.**, Villaescusa-Navarro, F., and Vogelsberger, M., 2019, Monthly Notices of the Royal Astronomical Society, 487, 1529
- Automated distant galaxy merger classifications from Space Telescope images using the Illustris simulation
 - Snyder, G. F., Rodriguez-Gomez, V., Lotz, J. M., Torrey, P., Quirk, A. C. N., Hernquist, L., Vogelsberger, M., and Freeman, P. E., 2019, Monthly Notices of the Royal Astronomical Society, 486, 3702
- Studying the physical properties of tidal features I. Extracting morphological substructure in CANDELS observations and VELA simulations
 - Mantha, K. B., McIntosh, D. H., Ciaschi, C. P., Evan, R., Ferguson, H. C., Fries, L. B., Guo, Y., Koekemoer, A. M., Landry, L. D., McGrath, E. J., Simons, R. C., Snyder, G. F., Thompson, S. E., Bell, E. F., Ceverino, D., Hathi, N. P., Pacifici, C., Primack, J. R., Rafelski, M., and **Rodriguez-Gomez, V.**, 2019, Monthly Notices of the Royal Astronomical Society, 486, 2643
- The IllustrisTNG simulations: public data release
- Nelson, D., Springel, V., Pillepich, A., **Rodriguez-Gomez, V.**, Torrey, P., Genel, S., Vogelsberger, M., Pakmor, R., Marinacci, F., Weinberger, R., Kelley, L., Lovell, M., Diemer, B., and Hernquist, L., 2019, Computational Astrophysics and Cosmology, 6, 2
- Anomalously Low-metallicity Regions in MaNGA Star-forming Galaxies: Accretion Caught in Action?

- Hwang, H.-C., Barrera-Ballesteros, J. K., Heckman, T. M., Rowlands, K., Lin, L., Rodriguez-Gomez, V., Pan, H.-A., Hsieh, B.-C., Sánchez, S., Bizyaev, D., Sánchez Almeida, J., Thilker, D. A., Lotz, J. M., Jones, A., Nair, P., Andrews, B. H., and Drory, N., 2019, The Astrophysical Journal, 872, 144
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- The frequency of dwarf galaxy multiples at low redshift in SDSS versus cosmological expectations
 - Besla, G., Patton, D. R., Stierwalt, S., **Rodriguez-Gomez, V.**, Patel, E., Kallivayalil, N. J., Johnson, K. E., Pearson, S., Privon, G. C., and Putman, M. E., 2018, Monthly Notices of the Royal Astronomical Society, 480, 3376
- SDSS-IV MaNGA: spatially resolved star formation histories and the connection to galaxy physical properties
 - Rowlands, K., Heckman, T., Wild, V., Zakamska, N. L., **Rodriguez-Gomez, V.**, Barrera-Ballesteros, J., Lotz, J., Thilker, D., Andrews, B. H., Boquien, M., Brinkmann, J., Brownstein, J. R., Hwang, H. -C, and Smethurst, R., 2018, Monthly Notices of the Royal Astronomical Society, 480, 2544
- Formation of a Malin 1 analogue in IllustrisTNG by stimulated accretion Zhu, Q., Xu, D., Gaspari, M., Rodriguez-Gomez, V., Nelson, D., Vogelsberger, M., Torrey, P., Pillepich, A., Zjupa, J., Weinberger, R., Marinacci, F., Pakmor, R., Genel, S., Li, Y., Springel, V., and Hernquist, L., 2018, Monthly Notices of the Royal Astronomical Society, 480, L18
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 - Chua, K. T. E., Pillepich, A., Rodriguez-Gomez, V., Vogelsberger, M., Bird, S., and Hernquist, L., 2017, Monthly Notices of the Royal Astronomical Society, 472, 4343
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- Sussing merger trees: stability and convergence
- Wang, Y., Pearce, F. R., Knebe, A., Schneider, A., Srisawat, C., Tweed, D., Jung, I., Han, J., Helly, J., Onions, J., Elahi, P. J., Thomas, P. A., Behroozi, P., Yi, S. K., **Rodriguez-Gomez, V.**, Mao, Y.-Y., Jing, Y., and Lin, W., 2016, Monthly Notices of the Royal Astronomical Society, 459, 1554
- The diverse evolutionary paths of simulated high-z massive, compact galaxies to z=0 Wellons, S., Torrey, P., Ma, C.-P., **Rodriguez-Gomez, V.**, Pillepich, A., Nelson, D., Genel, S., Vogelsberger, M., and Hernquist, L., 2016, Monthly Notices of the Royal Astronomical Society, 456, 1030

- Modelling galactic conformity with the colour-halo age relation in the Illustris simulation Bray, A. D., Pillepich, A., Sales, L. V., Zhu, E., Genel, S., Rodriguez-Gomez, V., Torrey, P., Nelson, D., Vogelsberger, M., Springel, V., Eisenstein, D. J., and Hernquist, L., 2016, Monthly Notices of the Royal Astronomical Society, 455, 185
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 - Mistani, P. A., Sales, L. V., Pillepich, A., Sanchez-Janssen, R., Vogelsberger, M., Nelson, D., **Rodriguez-Gomez, V.**, Torrey, P., and Hernquist, L., 2016, Monthly Notices of the Royal Astronomical Society, 455, 2323
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- The illustris simulation: Public data release
 - Nelson, D., Pillepich, A., Genel, S., Vogelsberger, M., Springel, V., Torrey, P., Rodriguez-Gomez, V., Sijacki, D., Snyder, G. F., Griffen, B., Marinacci, F., Blecha, L., Sales, L., Xu, D., and Hernquist, L., 2015, Astronomy and Computing, 13, 12
- The formation of massive, compact galaxies at z=2 in the Illustris simulation Wellons, S., Torrey, P., Ma, C.-P., **Rodriguez-Gomez, V.**, Vogelsberger, M., Kriek, M., van Dokkum, P., Nelson, E., Genel, S., Pillepich, A., Springel, V., Sijacki, D., Snyder, G., Nelson, D., Sales, L., and Hernquist, L., 2015, Monthly Notices of the Royal Astronomical Society, 449, 361
- Galactic Angular Momentum in the Illustris Simulation: Feedback and the Hubble Sequence Genel, S., Fall, S. M., Hernquist, L., Vogelsberger, M., Snyder, G. F., Rodriguez-Gomez, V., Sijacki, D., and Springel, V., 2015, The Astrophysical Journal, 804, L40
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- Sussing merger trees: the impact of halo merger trees on galaxy properties in a semi-analytic model
 - Lee, J., Yi, S. K., Elahi, P. J., Thomas, P. A., Pearce, F. R., Behroozi, P., Han, J., Helly, J., Jung, I., Knebe, A., Mao, Y.-Y., Onions, J., Rodriguez-Gomez, V., Schneider, A., Srisawat, C., and Tweed, D., 2014, Monthly Notices of the Royal Astronomical Society, 445, 4197
- Introducing the Illustris project: the evolution of galaxy populations across cosmic time Genel, S., Vogelsberger, M., Springel, V., Sijacki, D., Nelson, D., Snyder, G., Rodriguez-Gomez, V., Torrey, P., and Hernquist, L., 2014, Monthly Notices of the Royal Astronomical Society, 445, 175
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 Behroozi, P., Elahi, P. J., Han, J., Mao, Y.-Y., Onions, J., Rodriguez-Gomez, V.,
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