Genaro Suárez
Full Publication Record

(As of 2026-10-31)

ADS ORCID Google Scholar Scopus Zotero

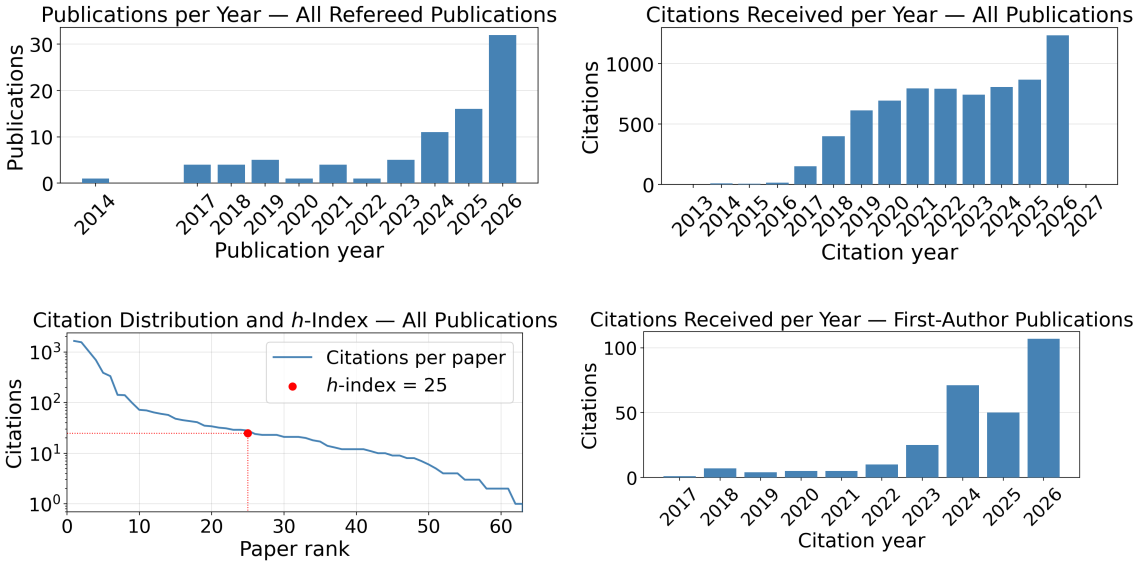
h-index: 25

Total Publications: 84 peer-reviewed journal articles

(9 first author, 11 second/third author, and 64 co-author)

Total Citations: 7,154

(285 first-author, 405 second/third-author, and 6,464 co-author)



First-Author Papers in Peer-Reviewed Journals (Total: 9; Citations: 285)

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(9). SEDA: Spectral Energy Distribution Analyzer for Forward Modeling and Empirical Analysis of Ultracool Objects
Suárez, Genaro, Cruz, Kelle, Faherty, Jacqueline K., et. al.
The Astronomical Journal (2026), submitted

(8). Diversity of Cold Worlds: Predicted Near-to-mid-infrared Spectral Signatures of a Cold Brown Dwarf with Potential Auroral Heating

Suárez, Genaro, Faherty, Jacqueline K., Burningham, Ben, Morley, Caroline V., Vos, Johanna M., Lacy, Brianna, Rowland, Melanie J., Schneider, Adam C., Alejandro Merchan, Sherelyn, Bardalez Gagliuffi, Daniella C., Bickle, Thomas P., Gonzales, Eileen C., Kiman, Rocio, Rothermich, Austin, Whiteford, Niall
The Astrophysical Journal (2025)
2025ApJ...993..165S (Citations: 14)

(7). Ultracool Dwarfs Observed with the Spitzer Infrared Spectrograph: Equatorial Latitudes in L Dwarf Atmospheres Are Cloudier
Suárez, Genaro, Vos, Johanna M., Metchev, Stanimir, Faherty, Jacqueline K., Cruz, Kelle
The Astrophysical Journal Letters (2023)
2023ApJ...954L...6S (Citations: 45)

(6). Ultracool dwarfs observed with the Spitzer Infrared Spectrograph - III. Dust grains in young L dwarf atmospheres are heavier
Suárez, Genaro, Metchev, Stanimir
Monthly Notices of the Royal Astronomical Society (2023)
2023MNRAS.523.4739S (Citations: 41)

(5). Ultracool dwarfs observed with the Spitzer infrared spectrograph - II. Emergence and sedimentation of silicate clouds in L dwarfs, and analysis of the full M5-T9 field dwarf spectroscopic sample
Suárez, Genaro, Metchev, Stanimir
Monthly Notices of the Royal Astronomical Society (2022)
2022MNRAS.513.5701S (Citations: 99)

(4). A Core Mass Function Indistinguishable from the Salpeter Stellar Initial Mass Function Using 1000 au Resolution ALMA Observations
Suárez, Genaro, Galván-Madrid, Roberto, Aguilar, Luis, Ginsburg, Adam, Srinivasan, Sundar, Liu, Hauyu Baobab, Román-Zúñiga, Carlos G.
The Astrophysical Journal (2021)
2021ApJ...921...48S (Citations: 11)

(3). Ultracool Dwarfs Observed with the Spitzer Infrared Spectrograph. I. An Accurate Look at the L-to-T Transition at 300 Myr from Optical Through Mid-infrared Spectrophotometry
Suárez, Genaro, Metchev, Stanimir, Leggett, Sandy K., Saumon, Didier, Marley, Mark S.
The Astrophysical Journal (2021)
2021ApJ...920...99S (Citations: 23)

(2). System initial mass function of the 25 Ori group from planetary-mass objects to intermediate/high-mass stars
Suárez, Genaro, Downes, Juan José, Román-Zúñiga, Carlos, Cerviño, Miguel, Briceño, César, Petr-Gotzens, Monika G., Vivas, Katherina
Monthly Notices of the Royal Astronomical Society (2019)
2019MNRAS.486.1718S (Citations: 28)

(1). New Low-mass Stars in the 25 Orionis Stellar Group and Orion OB1a Sub-association from SDSS-III/BOSS Spectroscopy
Suárez, Genaro, Downes, Juan José, Román-Zúñiga, Carlos, Covey, Kevin R., Tapia, Mauricio, Hernández, Jesús, Petr-Gotzens, Monika G., Stassun, Keivan G., Briceño, César
The Astronomical Journal (2017)
2017AJ....154...14S (Citations: 24)

Second/Third-Author Papers in Peer-Reviewed Journals (Total: 11; Citations: 405)

(11). The Diversity of Cold Worlds: Mapping Nonequilibrium Chemistry and Mixing Across the T/Y Transition with a Forward Model Analysis
Brianna Lacy, **Genaro Suárez**, Samuel A. Beiler, Jacqueline K. Faherty, Michael C. Cushing, Rocio Kiman, Austin J. Rothermich, Sherelyn Alejandro Merchan, Eileen C. Gonzales, Daniella C. Bardalez Gagliuffi, Johanna Vos, Ben Burningham, Adam C. Schneider, Caroline V. Morley, J. D. Kirkpatrick, Ehsan Gharib-Nezhad, Jonathan J. Fortney
The Astrophysical Journal (2026), submitted

(10). The Zero-Age Massive Stellar Population of W49A from VLA Observations
Juárez-Gama, M., Galván-Madrid, R., **Suárez, G.**, De Pree, C. G., Tobin, J. J., Bruzual, G., Ginsburg, A., Mendoza-Torres, J. E., Liu, H. B., Wilner, D., Nony, T., Parra-López, A., Rivera-Soto, R., McLeod, A. F., Cunningham, N., Lu, X., Jiménez-Andrade, E. F.
arXiv e-prints (2026)
2026arXiv260805453J (Citations: 0)

(9). Silicate clouds, SiO, and molecular trends across the L–T sequence: a JWST/MIRI LRS spectral library of brown dwarfs
Barber, Sam, Metchev, Stanimir, **Suárez, Genaro**, Lambier, Samantha, Miles-Páez, Paulo A., Artigau, Étienne, Biller, Beth, Burgasser, Adam J., Faherty, Jacqueline, Mace, Gregory, Morley, Caroline V., Vos, Johanna M.
Monthly Notices of the Royal Astronomical Society (2026)
2026MNRAS.550g1387B (Citations: 1)

(8). Inspecting Cloudy Substellar Atmospheres with JWST MIRI Synthetic Magnitudes from Spitzer Mid-infrared Spectra
L'Heureux, Jolie, **Suárez, Genaro**, Vos, Johanna M., Metchev, Stanimir, Faherty, Jacqueline K., Alejandro Merchan, Sherelyn, Cruz, Kelle
The Astrophysical Journal (2026)
2026ApJ..1003..236L (Citations: 0) — *Student-led paper*

(7). Clouds with a silicate lining: Using JWST spectra to probe atmospheric diversity in young AB Dor L dwarfs
Lam, M. B., Vos, J. M., **Suárez, G.**, Hsu, C.-C., Bickle, T. P., Faherty, J., Gagné, J., Bardalez Gagliuffi, D., Biller, B., Burningham, B., Cruz, K. L., Morley, C. V., Luszcz-Cook, S., Lawsky, S., Phillips, C. L., Rothermich, A.
Astronomy and Astrophysics (2026)
2026A&A...709A..56L (Citations: 4)

(6). The stellar initial mass function of nearby young moving groups
Bertolotto-Stefanelli, Rafael, Downes, Juan José, **Suárez, Genaro**, Mateu, Cecilia, Gagné, Jonathan, Román Zúñiga, Carlos
Astronomy and Astrophysics (2026)

2026A&A...706A.370B (Citations: 0) — *Student-led paper*

(5). Diversity of Cold Worlds: A Near-complete Spectral Energy Distribution for 2MASS J04151954−0935066 Using JWST
Alejandro Merchan, Sherelyn, Faherty, Jacqueline K., **Suárez, Genaro**, Cruz, Kelle L., Burgasser, Adam J., Gagné, Jonathan, Hood, Callie E., Gonzales, Eileen C., Bardalez Gagliuffi, Daniella C., L'Heureux, Jolie, Vos, Johanna M., Schneider, Adam C., Meisner, Aaron M., Morley, Caroline, Kirkpatrick, J. Davy, Marocco, Federico, Kiman, Rocio, Beichman, Charles A., Burningham, Ben, Caselden, Dan, Eisenhardt, Peter R., Gelino, Christopher R., Gharib-Nezhad, Ehsan, Kuchner, Marc J., Lacy, Brianna, Rothermich, Austin, Rowland, Melanie J., Whiteford, Niall
The Astrophysical Journal (2025)
2025ApJ...989...80A (Citations: 8) — *Student-led paper*

(4). The Diversity of Cold Worlds: A Blended-light Binary Straddling the T/Y Transition in Brown Dwarfs
Bardalez Gagliuffi, Daniella C., Faherty, Jacqueline K., **Suárez, Genaro**, Merchan, Sherelyn Alejandro, Lacy, Brianna, Burningham, Ben, Matuszewska, Klara, Kiman, Rocio, Vos, Johanna M., Rothermich, Austin, Gagné, Jonathan, Morley, Caroline, Rowland, Melanie J., Caselden, Dan, Meisner, Aaron, Schneider, Adam C., Kuchner, Marc J., Beichman, Charles A., Eisenhardt, Peter R., Gelino, Christopher R., Gharib-Nezhad, Ehsan, Gonzales, Eileen C., Marocco, Federico, Whiteford, Niall, Kirkpatrick, J. Davy
The Astrophysical Journal (2025)
2025ApJ...984...74B (Citations: 6)

(3). The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure
Kounkel, Marina, Covey, Kevin, **Suárez, Genaro**, Román-Zúñiga, Carlos, Hernandez, Jesus, Stassun, Keivan, Jaehnig, Karl O., Feigelson, Eric D., Peña Ramírez, Karla, Roman-Lopes, Alexandre, Da Rio, Nicola, Stringfellow, Guy S., Kim, J. Serena, Borissova, Jura, Fernández-Trincado, José G., Burgasser, Adam, García-Hernández, D. A., Zamora, Olga, Pan, Kaike, Nitschelm, Christian
The Astronomical Journal (2018)

2018AJ....156...84K (Citations: 333)

(2). The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations
Cottle, J. 'Neil, Covey, Kevin R., **Suárez, Genaro**, Román-Zúñiga, Carlos, Schlafly, Edward, Downes, Juan Jose, Ybarra, Jason E., Hernandez, Jesus, Stassun, Keivan, Stringfellow, Guy S., Getman, Konstantin, Feigelson, Eric, Borissova, Jura, Kim, J. Serena, Roman-Lopes, A., Da Rio, Nicola, De Lee, Nathan, Frinchaboy, Peter M., Kounkel, Marina, Majewski, Steven R., Mennickent, Ronald E., Nidever, David L., Nitschelm, Christian, Pan, Kaike, Shetrone, Matthew, Zasowski, Gail, Chambers, Ken, Magnier, Eugene, Valenti, Jeff
The Astrophysical Journal Supplement Series (2018)
2018ApJS..236...27C (Citations: 32)

(1). The Kinematics of the Permitted C II λ6578 Line in a Large Sample of Planetary Nebulae
Richer, Michael G., **Suárez, Genaro**, López, José Alberto, García Díaz, María Teresa
The Astronomical Journal (2017)
2017AJ....153..140R (Citations: 21)

Collaborations in Peer-Reviewed Journals (Total: 64; Citations: 6464)

(64). In The Midst Of Silicate Condensation: Mid-Infrared Observations of A Cold Halo Brown Dwarf using JWST
Sherelyn Alejandro Merchan, Jacqueline K. Faherty, Channon Visscher, Ben Burningham, **Genaro Suárez**, Aaron M. Meisner, Melanie Rowland, Jonathan Gagne, Austin Rothermich, Adam J. Burgasser, Michael Line, Adam C. Schneider, Dan Caselden, J. Davy Kirkpatrick, Marc Jason Kuchner, Daniella Bardalez Gagliuffi, Peter Eisenhardt, Christopher R. Gelino, Eileen C. Gonzales, Federico Marocco, Sandy Leggett, Nicolas Lodieu, Sarah L. Casewell, Pascal Tremblin, Michael Cushing, Maria Rosa Zapatero Osorio, Victor J. S. Bejar, Bartosz Gauza, Edward Wright, Mark W. Phillips, Jun-Yan Zhang, Eduardo L. Martin

The Astrophysical Journal (2026), submitted

(63). New Discoveries, Spectroscopic Follow-up From The Backyard Worlds: Planet 9 Citizen Science Project and Synthetic Roman Space Telescope Substellar Color-Spectral Type Relations
Easton J. Honaker, John E. Gizis, Austin Rothermich, Adam C. Schneider, Jackie Faherty, Marc Kuchner, J. Davy Kirkpatrick, Aaron Meisner, Jonathan Gagné, Adam Burgasser, Daniella C. Bardalez Gagliuffi, Kelle Cruz, Christian Aganze, Michaela B. Allen, Katelyn Allers, Juan Carlos Beamín, Emily Calamari, Roman Gerasimov, Eileen C. Gonzales, Chih-Chun Hsu, Austin Humphreys, Rocio Kiman, Preethi Karpoor, Mark Popinchalk, Grady Robbins, Emma Softich, **Genaro Suárez**, Christopher A. Theissen, Johanna M. Vos, Alexandru Dereveanco, Andres Guillermo Stenner, Arttu Sainio, Ben Pumphrey, William Pendrill, Christoph Franck, Christopher Tanner, Dan Caselden, David W. Martin, Frank Kiwy, Guillaume Colin, Guoyou Sun, Hugo A. Durantini Luca, Jean Marc Gantier, Jörg Schümann, Karl Selg-Mann, Ken Hinckley, Leopold Gramaize, Les Hamlet, Martin Kabatnik, Martin Bilsing, Melina Thevenot, Nikolaj Stevnbak Andersen, Nikita Valerievich Voloshin, Paul Beaulieu, Peter Jalowiczor, Sam Deen, Sam Goodman, Tom Bickle, Tarun Kota, Tristan Danisch, Tapani Plathan, Vinod Thakur, Zbigniew W!dracki, The Backyard Worlds: Planet 9 Collaboration
The Astrophysical Journal (2026), submitted

(62). Exploring the Metal-Poor Atmosphere of the Extreme T Subdwarf WISE 1810--10 with JWST and Atmospheric Retrievals
Harshil Kothari, Michael C. Cushing, James Mang, Adam J. Burgasser, Nicolas Lodieu, Stanimir Metchev, Zenghua Zhang, Christian Aganze, Dan Caselden, Jacqueline K. Faherty, Roman Gerasimov, Eileen C. Gonzales, Chih-Chun Hsu, Aaron M. Meisner, Adam C. Schneider, **Genaro Suárez**, Christopher A. Theissen, Jason J. Wang
The Astrophysical Journal (2026), submitted

(61). The JWST Early Release Science Program for Direct Observations of Exoplanetary Systems IX: A Multi-Wavelength Framework for Source Characterization in JWST Coronagraphic Imaging of the HIP 65426 System

Evelyn L. Bruinsma, Aarynn L. Carter, Sasha Hinkley, Beth A. Biller, Andy Skemer, William O. Balmer, Andrew D. James, Ellis X. Bogat, Ben J. Sutlieff, Michael Poon, Mathilde Malin, Katie A. Crotts, **Genaro Suárez**, Eileen Gonzales, Markus Janson, Motohide Tamura, Giovanni M. Strampelli, Michael R. Meyer, Emily Rickman, Julien H. Girard, Kellen Lawson, Alice Zurlo, Cecilia Lazzoni, Christopher A. Theissen, Thomas Henning, Pengyu Liu, Mark C. Wyatt, Isabel Rebollido
The Astrophysical Journal (2026), submitted

(60). The system initial mass function of Orion OB1b from probabilistic Gaia DR3 memberships
Rodrigo Cabral, Juan José Downes, Rafael Bertolotto-Stefanelli, **Genaro Suárez**
Astronomy & Astrophysics (2026), submitted

(59). JWST Observations of the Metal-poor T Dwarf WISEA J155349.96+693355.2: The First Brown Dwarf Associated with Gaia-Enceladus
Aaron M. Meisner, Adam J. Burgasser, Chih-Chun Hsu, Sherelyn Alejandro Merchan, Jacqueline K. Faherty, **Genaro Suárez**, ZengHua Zhang, Roman Gerasimov, Christian Aganze, Nicolas Lodieu, Eileen C. Gonzales, Adam C. Schneider, Stanimir A. Metchev, Dan Caselden, Michael C. Cushing, Christopher A. Theissen, Jason J. Wang, Harshil Kothari
The Astrophysical Journal (2026), submitted

(58). JWST spectroscopy of the nearest metal-poor brown dwarf at ~9 pc, WISE J181005.5-101002.3
Nicolas Lodieu, Adam Burgasser, Jun-Yan Zhang, Stanimir A. Metchev, Zenghua Zhang, Christian Aganze, Dan Caselden, Michael Cushing, Jackie K. Faherty, Roman Gerasimov, Eileen C. Gonzales, Chih-Chun Hsu, Aaron M. Meisner, Adam C. Schneider, **Genaro Suárez**, Christopher A. Theissen, Efrain Alvarado III, Samuel A. Barber, Hunter Brooks, Harshil Kothari, Elena Fader, Ember Vosmek-Park, Bryan Ramirez, Emma Softich
Astronomy and Astrophysics (2026), submitted

(57). One Ring To Rule Them All: An Unusual Emission Ring Discovered Through Citizen Science

Thomas P. Bickle, Farid Cedeno, Katharina Doll, et al., **Genaro Suárez**
The Astrophysical Journal (2025), submitted

(56). Diversity of Cold Worlds: Disequilibrium Chemistry in WISE 0503 and WISE 0825
Melanie J. Rowland, Caroline V. Morley, Jacqueline K. Faherty, **Genaro Suárez**, Rocio Kiman, James Mang, Samuel A. Beiler, Michael R. Line, Johanna M. Vos, Sherelyn Alejandro Merchan, Ben Burningham, Channon Visscher, Brianna Lacy, Daniella Bardalez Gagliuffi
The Astrophysical Journal (2025), submitted

(55). Metal-poor Brown Dwarf Kinematics from JWST NIRSpec Spectroscopy
Hsu, Chih-Chun, Theissen, Christopher A., Burgasser, Adam J., Schneider, Adam C., Aganze, Christian, Meisner, Aaron M., Gagné, Jonathan, Lodieu, Nicolas, Zhang, Zenghua, **Suárez, Genaro**, Gonzales, Eileen C., Faherty, Jacqueline K., Wang, Jason J., Metchev, Stanimir, Caselden, Dan, Cushing, Michael C., Gerasimov, Roman
arXiv e-prints (2026)
2026arXiv260928746H (Citations: 0)

(54). JWST Observations of the Metal-poor T Dwarf WISEA J155349.96+693355.2: The First Brown Dwarf Associated with the Gaia-Enceladus Milky Way Substructure
Meisner, Aaron M., Burgasser, Adam J., Hsu, Chih-Chun, Merchan, Sherelyn Alejandro, Faherty, Jacqueline K., **Suárez, Genaro**, Zhang, ZengHua, Gerasimov, Roman, Aganze, Christian, Lodieu, Nicolas, Gonzales, Eileen C., Schneider, Adam C., Metchev, Stanimir A., Caselden, Dan, Cushing, Michael C., Theissen, Christopher A., Wang, Jason J., Kothari, Harshil
arXiv e-prints (2026)
2026arXiv260929365M (Citations: 0)

(53). Water Cloud and Chemical Modulations in the Coldest Brown Dwarf
Miles, Brittany E., Mang, James, Morley, Caroline V., Skemer, Andrew J. I., Rowland, Melanie, Lacy, Brianna, **Suarez, Genaro**, Visscher,

Channon, Apai, Dániel, Bjoraker, Gordon, Carter, Aarynn L., Faherty, Jacqueline K., Fortney, Jonathan J., Fuda, Nguyen, Geballe, Thomas, Kothari, Harshil, Limbach, Mary Anne, Marley, Mark, McCarthy, Allison M., Schneider, Adam, Vos, Johanna, Cushing, Michael, Freedman, Richard, Line, Michael, Lupu, Roxana, Martin, Emily, Wilson, Mikayla J.
arXiv e-prints (2026)
2026arXiv260920664M (Citations: 0)

(52). Sinking Silicates I: Characterizing the benchmark system containing the T0 brown dwarf CWISE J210640.16+250729.0 using JWST
Rothermich, Austin, Faherty, Jacqueline K., Burningham, Ben, Manea, Catherine, Calamari, Emily, **Suárez, Genaro**, Bardalez Gagliuffi, Daniella C., Brewer, John M., Cruz, Kelle L., Gaarn, Josefine, Gagné, Jonathan, Gonzales, Eileen C., Gemma, Marina E., Kecskeméthy, Viktória, Marley, Mark S., Phillips, Caprice L., Visscher, Channon, Vos, Johanna M., Whiteford, Niall
arXiv e-prints (2026)
2026arXiv260913433R (Citations: 0)

(51). The JWST Early Release Science Program for Direct Observations of Exoplanetary Systems VIII: patchy forsterite and enstatite clouds in the atmosphere of VHS 1256 b, retrieval lessons learned and outlook to the future
Whiteford, Niall, Faherty, Jacqueline K., Burningham, Ben, Vos, Johanna M., Petrus, Simon, Patapis, Polychronis, Biller, Beth A., Skemer, Andrew, Hinkley, Sasha, Calamari, Emily, **Suárez, Genaro**, Cruz, Kelle L., Miles, Brittany E., Carter, Aarynn L., Martinez, Francisco A., Rowland, Melanie J., Absil, Olivier, Adams, Arthur D., Balmer, William O., Boccaletti, Anthony, Bonavita, Mariangela, Bonnefoy, Mickaël, Booth, Mark, Bowler, Brendan P., Briesemeister, Zackery W., Bryan, Marta L., Calissendorff, Per, Cantalloube, Faustine, Charnay, Benjamin, Chauvin, Gaël, Chen, Christine H., Choquet, Elodie, Christiaens, Valentin, Cugno, Gabriele, Currie, Thayne, Danielski, Camilla, De Furio, Matthew, Dupuy, Trent J., Factor, Samuel M., Fitzgerald, Michael P., Fortney, Jonathan J., Franson, Kyle, Girard, Julien H., Gonzales, Eileen C., Grady, Carol A.,

Henning, Thomas, Hines, Dean C., Hood, Callie E., Hoch, Kielan K. W., Howe, Alex R., Janson, Markus, Kalas, Paul, Kammerer, Jens, Kennedy, Grant M., Kervella, Pierre, Kim, Minjae, Kitzmann, Daniel, Kraus, Adam L., Kuzuhara, Masayuki, Lagage, Pierre-Olivier, Lagrange, Anne-Marie, Lawson, Kellen, Lazzoni, Cecilia, Leisenring, Jarron M., Lew, Ben W. P., Liu, Michael C., Liu, Pengyu, Llop-Sayson, Jorge, Lloyd, James P., Lueber, Anna, Macintosh, Bruce, Mâlin, Mathilde, Manjavacas, Elena, Marino, Sebastián, Marley, Mark S., Marois, Christian, Martinez, Raquel A., Matthews, Elisabeth C., Matthews, Brenda C., Mawet, Dimitri, Mazoyer, Johan, McElwain, Michael W., Metchev, Stanimir, Meyer, Michael R., Millar-Blanchaer, Maxwell A., Mollière, Paul, Moran, Sarah E., Morley, Caroline V., Mukherjee, Sagnick, Palma-Bifani, Paulina, Pantin, Eric, Perrin, Marshall D., Pueyo, Laurent, Quanz, Sascha P., Quirrenbach, Andreas, Ray, Shrishmoy, Rebollido, Isabel, Adams Redai, Jea, Ren, Bin B., Rickman, Emily, Sallum, Steph, Samland, Matthias, Sargent, Benjamin, Schlieder, Joshua E., Stapelfeldt, Karl R., Stone, Jordan M., Sutlieff, Ben J., Tamura, Motohide, Tan, Xianyu, Theissen, Christopher A., Tremblin, Pascal, Uyama, Taichi, Vasist, Malavika, Vigan, Arthur, Wagner, Kevin, Wang, Jason J., Ward-Duong, Kimberly, Wolff, Schuyler G., Worthen, Kadin, Wyatt, Mark C., Ygouf, Marie, Zurlo, Alice, Zhang, Xi, Zhang, Keming, Zhang, Zhoujian, Zhou, Yifan
arXiv e-prints (2026)
2026arXiv260806583W (Citations: 4)

(50). High-Precision Atmospheric Constraints for a Cool T Dwarf from JWST Spectroscopy
Hood, Callie E., Mukherjee, Sagnick, Fortney, Jonathan J., Line, Michael R., Faherty, Jacqueline K., Merchan, Sherelyn Alejandro, Burningham, Ben, **Suárez, Genaro**, Kiman, Rocio, Gagné, Jonathan, Beichman, Charles A., Vos, Johanna M., Bardalez Gagliuffi, Daniella, Meisner, Aaron M., Gonzales, Eileen C.
arXiv e-prints (2024)
2024arXiv240205345H (Citations: 21)

(49). Benchmark brown dwarfs as chemical laboratories: linking system bulk properties to atmospheric retrievals

Kecskeméthy, Viktória, Burningham, Ben, Wang, Fei, Rothermich, Austin J., Faherty, Jacqueline K., **Suárez, Genaro**, Phillips, Caprice L., Rowland, Melanie, Visscher, Channon, Vos, Johanna M., Gagliuffi, Daniella C. Bardalez
Monthly Notices of the Royal Astronomical Society (2026)
2026MNRAS.552g1622K (Citations: 0)

(48). The JWST weather report: Unravelling the atmospheric variability of isolated worlds using principal component analysis
Schrader, Merle A., Vos, Johanna M., Nasedkin, Evert, Kestell, Jennifer, Cowan, Nicolas B., Akhmetshyn, Roman, Beiler, Samuel, Biller, Beth A., Burningham, Ben, Faherty, Jacqueline, Gonzales, Eileen C., McCarthy, Allison M., Morley, Caroline V., O'Donovan, Barry, O'Toole, Cian, **Suárez, Genaro**, Tan, Xianyu, Visscher, Channon, Whiteford, Niall, Zhou, Yifan
Astronomy and Astrophysics (2026)
2026A&A...713A.192S (Citations: 2)

(47). Time-resolved JWST Retrieval Analysis of the Coldest Brown Dwarf: Temperature and Chemical Variations in WISE 0855-07
Kothari, Harshil, Morley, Caroline V., Miles, Brittany E., Rowland, Melanie J., Batalha, Natasha, Cushing, Michael C., Skemer, Andrew J., Mang, James, Lacy, Brianna, Vos, Johanna M., Visscher, Channon, Schneider, Adam C., **Suarez, Genaro**, Wilson, Mikayla J., McCarthy, Allison M.
The Astrophysical Journal (2026)
2026ApJ..1008..131K (Citations: 0)

(46). On the Detectability of Volcanic Exo-Ios That May Fuel Auroras on Super-Jupiters
Kotten, Brooke, Limbach, Mary Anne, Vos, Johanna M., Schrader, Merle, McCarthy, Allison, Kao, Melodie M., Wilson, Mikayla J., Householder, Andrew, Skemer, Andrew, Stevenson, Kevin B., **Suárez, Genaro**, Biller, Beth, Faherty, Jacqueline, Gonzales, Eileen C., Muirhead, Philip
The Astronomical Journal (2026)
2026AJ....172..167K (Citations: 1)

(45). Photometric Variability and Rotation of β Pictoris b from JWST NIRCam Coronagraphic Imaging

Zhou, Yifan, Biller, Beth A., Carter, Aarynn L., Perrin, Marshall D., Poon, Michael, **Suárez, Genaro**, Sutlieff, Ben J., Vos, Johanna M., Wang, Jason J., Balmer, William O., Bryan, Marta L., Boccaletti, Anthony, Girard, Julien H., Gonzales, Eileen C., Kammerer, Jens, Leisenring, Jarron M., Palma-Bifani, Paulina., Wagner, Kevin R., Apai, Dániel, Bonnefoy, Mickäel, Bowler, Brendan P., Franson, Kyle, Liu, Pengyu, Meléndez, Marcio, Metchev, Stanimir A., Petrus, Simon, Pueyo, Laurent, Rebollido, Isabel, Skemer, Andrew J., Tan, Xianyu, Whiteford, Niall

The Astronomical Journal (2026)

2026AJ....172..152Z (Citations: 2)

(44). Revealing the substellar population of IC 1396: a spectroscopic survey of brown dwarfs in the region

Damian, Belinda, Jose, Jessy, Scholz, Aleks, Zúñiga, Carlos Román, Shridharan, B., **Suárez, Genaro**, Downes, Juan José, Das, Swagat R., Kartha, Sreeja S., Gupta, Saumya

Monthly Notices of the Royal Astronomical Society (2026)

2026MNRAS.550g1255D (Citations: 0)

(43). Direct Imaging Discovery of Giant Exoplanet β Pictoris d: A Decade-long Game of Hide-and-seek

Sutlieff, Ben J., Bonse, Markus J., Christiaens, Valentin, Fontanive, Clémence, Matthews, Elisabeth C., Parker, Luke T., Pearce, Tim D., Birkby, Jayne L., Biller, Beth A., Dupuy, Trent J., Garvin, Emily O., Iskandarli, Leyla, Kammerer, Jens, Zhou, Yifan, De Rosa, Robert J., Carter, Aarynn L., Hinkley, Sasha, Kenworthy, Matthew A., Balmer, William O., Hammond, Iain, Mang, James, Morley, Caroline V., Neeser, Mark J., Absil, Olivier, Boccaletti, Anthony, Bonavita, Mariangela, Bowler, Brendan P., Chen, Xueqing, Dannert, Felix A., Girard, Julien H., Kasper, Markus, Lagrange, Anne-Marie, Liu, Pengyu, Orban de Xivry, Gilles, Poon, Michael, Quanz, Sascha P., Serra, Benoît, Vos, Johanna M., Wagner, Kevin, Wang, Jason, Schölkopf, Bernhard, Agapito, Guido, Agudo Berbel, Alex, Apai, Dániel, Baruffolo, Andrea, Black, Martin, Bonaglia, Marco, Briguglio, Runa, Cao, Yixian, Carbonaro, Luca, Chapman, Lee, Cresci, Giovanni,

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