

KRISTEN SELLGREN

Publications in Refereed Journals

1. "Spectra of Late-Type Stars from 4–8 μ ," Puetter, R. C., Russell, R. W., Sellgren, K., & Soifer, B. T. 1977, PASP, 89, 320
2. "The Light Curve at 10 μ m of Algol Near Secondary Minimum," Nadeau, D., Neugebauer, G., Becklin, E. E., Elias, J., Ennis, D., Matthews, K., & Sellgren, K. 1978, MNRAS, 184, 523
3. "Far-Infrared Observations of M17: The Interaction of an H II Region with a Molecular Cloud," Gatley, I., Becklin, E. E., Sellgren, K., & Werner, M. W. 1979, ApJ, 233, 575
4. "Infrared Emission and Star Formation in the Central Regions of the Galaxy IC 342," Becklin, E. E., Gatley, I., Matthews, K., Neugebauer, G., Sellgren, K., Werner, M. W., & Wynn-Williams, C. G. 1980, ApJ, 236, 441
5. "Monoceros R2: Far-Infrared Observations of a Very Young Cluster," Thronson, H. A., Gatley, I., Harvey, P. M., Sellgren, K., & Werner, M. W. 1980, ApJ, 237, 66
6. "Excitation Mechanisms for the Unidentified Infrared Emission Features," Dwek, E., Sellgren, K., Soifer, B. T., & Werner, M. W. 1980, ApJ, 238, 140
7. "Simultaneous Far-Infrared, Near-Infrared, and Radio Observations of OH/IR Stars," Werner, M. W., Beckwith, S., Gatley, I., Sellgren, K., Berriman, G., & Whiting, D. L. 1980, ApJ, 239, 540
8. "The Optically Thin Dust Shell of Nova Cygni 1978," Gehrz, R. D., Hackwell, J. A., Grasdalen, G. L., Ney, E. P., Neugebauer, G., & Sellgren, K. 1980, ApJ, 239, 570
9. "Infrared Photometry of the Semi-Stellar Nucleus of M31," Persson, S. E., Cohen, J. G., Sellgren, K., Mould, J., & Frogel, J. A. 1980, ApJ, 240, 779
10. "High Angular Resolution Far-Infrared Observations of the W3 Region," Werner, M. W., Becklin, E. E., Gatley, I., Neugebauer, G., Sellgren, K., Thronson, H. A., Harper, D. A., Loewenstein, R. F., & Moseley, S. H. 1980, ApJ, 242, 601
11. "Spatial Observations of the Orion Nebula in the Unidentified 3.28 Micron Feature," Sellgren, K. 1981, ApJ, 245, 138
12. "Infrared Studies of the S235 Molecular Cloud," Evans, N. J., Beichman, C., Gatley, I., Harvey, P., Nadeau, D., & Sellgren, K. 1981, ApJ, 246, 409
13. "Far-Infrared Properties of Dust in the Reflection Nebula NGC 7023," Whitcomb, S. E., Gatley, I., Hildebrand, R. H., Keene, J., Sellgren, K., & Werner, M. W. 1981, ApJ, 246, 416
14. "Observations of the Line Profile of Paschen Alpha in 3C 273," Sellgren, K., Soifer, B. T., Neugebauer, G., & Matthews, K. 1983, PASP, 95, 289
15. "Properties of Young Clusters Near Reflection Nebulae," Sellgren, K. 1983, AJ, 88, 985
16. "Extended Near Infrared Emission from Visual Reflection Nebulae," Sellgren, K., Werner, M. W., & Dinerstein, H. L. 1983, ApJ, 271, L13

17. "The Near-Infrared Continuum Emission of Visual Reflection Nebulae," Sellgren, K. 1984, *ApJ*, 277, 623
18. "Detection of Radio Continuum Emission from Herbig-Haro Objects 1 and 2 and from their Central Exciting Source," Pravdo, S. H., Rodriguez, L. F., Curiel, S., Cantó, J., Torrelles, J. M., Becker, R. H., & Sellgren K. 1985, *ApJ*, 293, L35
19. "An Optical and Infrared Study of the Region Surrounding Herbig-Haro Objects 1 and 2," Strom, S. E., Strom, K. M., Grasdalen, G. L., Sellgren, K., Wolff, S., Morgan, J., Stocke, J., & Mundt, R. 1985, *AJ*, 90, 2281
20. "Emission Features in the 4–13 Micron Spectra of the Reflection Nebulae NGC 7023 and NGC 2023," Sellgren, K., Allamandola, L. J., Bregman, J. D., Werner, M. W., & Wooden, D. H. 1985, *ApJ*, 299, 416
21. "Nature of Very Small Grains: PAH Molecules or Silicates?" Désert, F. X., Boulanger, F., Léger, A., Puget, J. L., & Sellgren, K. 1986, *A&A*, 159, 328
22. "Ultraviolet-Pumped Infrared Fluorescent Molecular Hydrogen Emission in Reflection Nebulae," Sellgren, K. 1986, *ApJ*, 305, 399
23. "3 Micron Spectroscopy of Comet Halley (1982i)," Tokunaga, A.T., Smith, R.G., Nagata, T., DePoy, D., & Sellgren, K. 1986, *ApJ*, 310, L45
24. "IRAS Surface Brightness Maps of Reflection Nebulae in the Pleiades," Castelaz, M. W., Sellgren, K., & Werner, M. W. 1987, *ApJ*, 313, 853
25. "Radial Velocities of Late Type Stars in the Galactic Center," Sellgren, K., Hall, D. N. B., Kleinmann, S. G., & Scoville, N. Z. 1987, *ApJ*, 317, 881
26. "Infrared Images and Spectroscopy of the Bipolar Source IRAS 09371+1212," Hodapp, K.-W., Sellgren, K., & Nagata, T. 1988, *ApJ*, 326, L61
27. "High Resolution Spectroscopy of the 3 Micron Emission Features in NGC 7027 and IRAS 21282+5050," Nagata, T., Tokunaga, A. T., Sellgren, K., Smith, R. G., Onaka, T., Nakada, Y., & Sakata, A. 1988, *ApJ*, 326, 157
28. "Search for Polarization of the 3.3 and 11.3 Micron Interstellar Emission Features," Sellgren, K., Rouan, D., & Léger, A. 1988, *A&A*, 196, 252
29. "High Spectral Resolution Observations of HD 44179 at 3.2–3.7 Microns," Tokunaga, A. T., Nagata, T., Sellgren, K., Smith, R. G., Onaka, T., Nakada, Y., Sakata, A., & Wada, S. 1988, *ApJ*, 328, 709
30. "A Study of H₂O Ice in the 3 Micron Spectrum of OH231.8+4.2 (OH0739–14)," Smith, R. G., Sellgren, K., & Tokunaga, A. T. 1988, *ApJ*, 334, 209
31. "Stellar Kinematics in the Galactic Center," McGinn, M. T., Sellgren, K., Becklin, E. E., & Hall, D. N. B. 1989, *ApJ*, 338, 824
32. "Spectroscopic Images of NGC 7027 in the Near Infrared Dust Emission Features," Woodward, C. E., Pipher, J. L., Shure, M. A., Forrest, W. J., & Sellgren, K. 1989, *ApJ*, 342, 860
33. "Absorption Features in the 3 Micron Spectra of Protostars," Smith, R. G., Sellgren, K., & Tokunaga, A. T. 1989, *ApJ*, 344, 413
34. "The 3.3 Micron Feature, H₂, and Ionized Gas in the Orion Bar," Sellgren, K., Tokunaga, A. T., & Nakada, Y. 1990, *ApJ*, 349, 120
35. "Velocity Dispersion and the Stellar Population in the Central 1.2 Parsecs of the Galaxy," Sellgren, K., McGinn, M. T., Becklin, E. E., & Hall, D. N. B. 1990, *ApJ*,

36. "The Excitation of 12 Micron Emission from Very Small Particles," Sellgren, K., Luan, L., & Werner, M. W. 1990, ApJ, 359, 384
37. "An Infrared Jet in Centaurus A: A Link to the Extranuclear Activity in Distant Radio Galaxies?" Joy, M., Harvey, P. M., Tollestrup, E. V., Sellgren, K., McGregor, P. J., & Hyland, A. R. 1991, ApJ, 366, 82
38. "The Interstellar C–H Stretching Band Near 3.4 Microns: Constraints on the Composition of Organic Material in the Diffuse Interstellar Medium," Sandford, S. A., Allamandola, L. J., Tielens, A. G. G. M., Sellgren, K., Tapia, M., & Pendleton, Y. 1991, ApJ, 371, 607
39. "High-Resolution Spectra of the 3.29 Micron Interstellar Emission Feature: A Summary," Tokunaga, A. T., Sellgren, K., Smith, R. G., Nagata, T., Sakata, A., & Nakada, Y. 1991, ApJ, 380, 452
40. "The 3 Micron Spectrum of the Classical Be Star β Monocerotis A," Sellgren, K., & Smith, R. G. 1992, ApJ, 388, 178
41. "Scattering of Infrared Radiation by Dust in NGC 7023 and NGC 2023," Sellgren, K., Werner, M. W., & Dinerstein, H. L. 1992, ApJ, 400, 238
42. "Grain Mantles in the Taurus Dark Cloud," Smith, R. G., Sellgren, K., & Brooke, T. Y. 1993, MNRAS, 263, 749
43. "Radial Velocities of M Giants at 300 Parsec Projected Radius from the Galactic Center," Blum, R. D., Carr, J. S., DePoy, D. L., Sellgren, K., & Terndrup, D. M. 1994, ApJ, 422, 111
44. "The 3.2 – 3.6 Micron Spectra of Monoceros R2/IRS-3 and Elias 16," Sellgren, K., Smith, R. G., & Brooke, T. Y. 1994, ApJ, 433, 179
45. "Near Infrared Absorption Spectroscopy of Interstellar Hydrocarbon Grains," Pendleton, Y. J., Sandford, S. A., Allamandola, L. J., Tielens, A. G. G. M., & Sellgren, K. 1994, ApJ, 437, 683
46. "Near-Infrared Polarization in the Bipolar Outflow OH 0739–14," Shure, M., Sellgren, K., Jones, T. J., & Klebe, D. 1995, AJ, 109, 721
47. "Discovery of a Possible Wolf-Rayet Star at the Galactic Center," Blum, R. D., Sellgren, K., & DePoy, D. L. 1995, ApJL, 440, L17
48. "A Comparison of Near Infrared Spectra of the Galactic Center Compact He I Emission Line Sources and Early Type Mass Losing Stars," Blum, R. D., DePoy, D. L., & Sellgren, K. 1995, ApJ, 441, 603
49. "A New 3.25 Micron Absorption Feature Toward Monoceros R2/IRS-3," Sellgren, K., Brooke, T. Y., Smith, R. G., & Geballe, T. R. 1995, ApJL, 449, L69
50. "M Giant Kinematics in Off-Axis Fields Between 150 and 300 Parsecs from the Galactic Center," Blum, R. D., Carr, J. S., Sellgren, K., & Terndrup, D. M. 1995, ApJ, 449, 623
51. "Medium Resolution Near Infrared (2.15 – 2.35 μm) Spectroscopy of Late-Type Main Sequence Stars," Ali, B., Carr, J. S., DePoy, D. L., Frogel, J. A., & Sellgren, K. 1995, AJ, 110, 2415
52. "A Survey of Near Infrared Emission in Visual Reflection Nebulae," Sellgren, K., Werner, M. W., & Allamandola, L. J. 1996, ApJS, 102, 369

53. “A Study of Absorption Features in the Three Micron Spectra of Molecular Cloud Sources with H₂O Ice Bands,” Brooke, T. Y., Sellgren, K., & Smith, R. G. 1996, ApJ, 459, 209
54. “*JHKL* Photometry and the *K*–band Luminosity Function at the Galactic Center,” Blum, R. D., Sellgren, K., & DePoy, D. L. 1996, ApJ, 470, 864
55. “Really Cool Stars at the Galactic Center,” Blum, R. D., Sellgren, K., & DePoy, D. L. 1996, AJ, 112, 1988
56. “Luminosity and Temperature from Near-Infrared Spectra of Late-Type Giant Stars,” Ramírez, S. V., DePoy, D. L., Frogel, J. A., Sellgren, K., & Blum, R. 1997, AJ, 113, 1411
57. “*H*–Band Spectroscopic Classification of OB Stars,” Blum, R. D., Ramond, T. M., Conti, P. S., Figer, D. F., & Sellgren, K. 1997, AJ, 113, 1855
58. “The Extinction Law in an Occulting Galaxy,” Berlind, A. A., Quillen, A. C., Pogge, R. W., & Sellgren, K. 1997, AJ, 114, 107
59. “Near-Infrared Spectroscopy of Molecular Filaments in the Reflection Nebulae NGC 7023,” Martini, P. L., Sellgren, K., & Hora, J. 1997, ApJ, 484, 296
60. “New Rotational Periods in the Pleiades: Interpreting Activity Indicators,” Krishnamurthi, A., Terndrup, D. M., Pinsonneault, M. H., Sellgren, K., Stauffer, J. R., Schild, R., Backman, D. E., Beisser, K. B., Dahari, D. B., Dasgupta, A., Hagelhans, J. T., Seeds, M. A., Anand, R., Laaksonen, B. D., Marschall, L. A., & Ramseyer, T. 1998, ApJ, 493, 914
61. “Do the Infrared Emission Features Need Ultraviolet Excitation?” Uchida, K. I., Sellgren, K., & Werner, M. W. 1998, ApJ, 493, L109
62. “New Three Micron Spectra of Young Stellar Objects with H₂O Ice Bands,” Brooke, T. Y., Sellgren, K., & Geballe, T. R. 1999, ApJ, 517, 883
63. “Upper limit on C₆₀ and C₆₀⁺ features in the ISO-SWS spectrum of the reflection nebula NGC 7023,” Moutou, C., Sellgren, K., Verstraete, L., & Léger, A. 1999, A&A, 347, 949
64. “Near-Infrared Spectroscopy of Molecular Hydrogen Emission in Four Reflection Nebulae: NGC 1333, NGC 2023, NGC 2068, and NGC 7023,” Martini, P., Sellgren, K., & DePoy, D. L. 1999, ApJ, 526, 772
65. “New PAH mode at 16.4 μ m,” Moutou, C., Verstraete, L., Léger, A., Sellgren, K., & Schmidt, W. 2000, A&A, 354, L17
66. “The Frequency of Barred Spiral Galaxies in the Near-IR,” Eskridge, P. B., Frogel, J. A., Pogge, R. W., Quillen, A. C., Davies, R. L., DePoy, D. L., Houdashelt, M. L., Kuchinski, L. E., Ramírez, S. V., Sellgren, K., Terndrup, D. M. & Tiede, G. P. 2000, AJ, 119, 536
67. “The First Stellar Abundance Measurements in the Galactic Center: The M Supergiant IRS 7,” Carr, J. S., Sellgren, K., & Balachandran, S. 2000, ApJ, 530, 307
68. “ISO Mid-Infrared Spectra of Reflection Nebulae,” Uchida, K. I., Sellgren, K., Werner, M. W., & Houdashelt, M. L. 2000, ApJ, 530, 817
69. “Stellar Iron Abundances at the Galactic Center,” Ramírez, S. V., Sellgren, K., Carr, J. S., Balachandran, S. C., Blum, R., Terndrup, D. M., & Steed, A., 2000, ApJ, 537, 205

70. “The Aromatic Infrared Bands as seen by ISO-SWS: Probing the PAH model,” Verstraete, L., Pech, C., Moutou, C., Sellgren, K., Wright, C. M., Giard, M., Léger, A., Timmermann, R., & Drapatz, S. 2001, *A&A*, 372, 981
71. “Aromatic hydrocarbons, diamonds, and fullerenes in interstellar space: puzzles to be solved by laboratory and theoretical astrochemistry,” Sellgren, K. 2001, *Spectrochimica Acta Part A*, 57, 627
72. “Ice in the Southern Coalsack,” Smith, R. G., Blum, R. D., Quinn, D. E., Sellgren, K., & Whittet, D. C. B. 2002, *MNRAS*, 330, 837
73. “Near-IR and Optical Morphology of Spiral Galaxies,” Eskridge, P. B., Frogel, J. A., Pogge, R. W., Quillen, A. C., Berlind, A. A., Davies, R. L., DePoy, D. L., Gilbert, K. M., Houdashelt, M. L., Kuchinski, L. E., Ramírez, S. V., Sellgren, K., Stutz, A. Terndrup, D. M., Tiede, G. P., 2002, *ApJS*, 143, 73
74. “Observations of [S IV] 10.5 μm and [Ne II] 12.8 μm in Two Halo Planetary Nebulae: Implications for Chemical Self-Enrichment,” Dinerstein, H. L., Richter, M. L., Lacy, J. H., & Sellgren, K. 2003, *AJ*, 125, 265
75. “Stellar Populations in NGC 4038/39 (The Antennae): Exploring a Galaxy Merger Pixel-by-Pixel,” Kassin, S. A., Frogel, J. A., Pogge, R. W., Tiede, G. P., & Sellgren, K. 2003, *AJ*, 126, 1276
76. “Really Cool Stars and the Star Formation History at the Galactic Center,” Blum, R. D., Ramírez, S. V., Sellgren, K., & Olsen, K. 2003, *ApJ*, 597, 323
77. “Spatial Separation of the 3.29 Micron Feature and Associated 2 Micron Continuum Emission,” An, J. H. & Sellgren, K. 2003, *ApJ*, 599, 312
78. “New Infrared Emission Features and Spectral Variations in NGC 7023,” Werner, M. W., Uchida, K. I., Sellgren, K., Marengo, M., Gordon, K. D., Morris, P. W., Houck, J. R., & Stansberry, J. A. 2004, *ApJS*, *Spitzer* Special Issue, 154, 309
79. “The Nature of the Variable Galactic Center Source IRS16SW,” DePoy, D. L., Pepper, J., Pogge, R. W., Stutz, A., Pinsonneault, M., & Sellgren, K. 2004, *ApJ*, 617, 1127
80. “The Nature of the Variable Galactic Center Source GCIRS 16SW Revisited: A Massive Eclipsing Binary,” Peeples, M. S., Bonanos, A. Z., DePoy, D. L., Stanek, K. Z., Pepper, J., Pogge, R. W., Pinsonneault, M. H., & Sellgren, K. 2007, *ApJ*, 654, L61
81. “The 15 – 20 Micron *Spitzer* Spectra of Interstellar Emission Features in NGC 7023,” Sellgren, K., Uchida, K. I., & Werner, M. W. 2007, *ApJ*, 659, 1338
82. “Chemical Abundances of Luminous Cool Stars in the Galactic Center from High-Resolution Infrared Spectroscopy,” Cunha, K., Sellgren, K., Smith, V. V., Ramírez, S. V., Blum, R. D., & Terndrup, D. M. 2007, *ApJ*, 669, 1011
83. “Point Sources from a *Spitzer* IRAC Survey of the Galactic Center,” Ramírez, S. V., Arendt, R. G., Sellgren, K., Stolovy, S. R., Cotera, A. Smith, H. A., & Yusef-Zadeh, F. 2008, *ApJS*, 175, 147
84. “The Mid-Infrared Colors of the Interstellar Medium and Extended Sources at the Galactic Center,” Arendt, R. G., Stolovy, S. R., Ramírez, S. V., Sellgren, K., Cotera, A. S., Law, C. J., Yusef-Zadeh, F., Smith, H. A., & Gezari, D. Y. 2008, *ApJ*, 682, 384
85. “Comparison of 3.6 – 8.0 Micron *Spitzer*/IRAC Galactic Center Survey Point Sources with Chandra X-Ray Point Sources in the Central 40 \times 40 Parsecs,” Arendt, R. G., Gezari, D. Y., Sellgren, K., Smith, R., Ramírez, S. V., Yusef-Zadeh, F., Law, C. J.,

- Smith, H. A., Cotera, A., Moseley, S. H., & Stolovy, S. R. 2008, *ApJ*, 685, 958
86. “Interstellar Extinction and Long-Period Variables in the Galactic Center,” Schultheis, M., Sellgren, K., Ramírez, S. V., Stolovy, S., Ganesh, S., Glass, I. S., & Girardi, L. 2009, *A&A*, 495, 157
 87. “First Spectroscopic Identification of Massive Young Stellar Objects in the Galactic Center,” An, D., Ramírez, S. V., Sellgren, K., Arendt, R. G., Boogert, A. C. A., Schultheis, M., Stolovy, S. R., Cotera, A. S., Robitaille, T. P. & Smith, H. A. 2009, *ApJL*, 702, L128
 88. “A Spitzer/IRS Spectrum of the 2008 Luminous Transient in NGC 300: Connection to Proto-Planetary Nebulae,” Prieto, J. L., Sellgren, K., Thompson, T. A., & Kochanek, C. S. 2009, *ApJ*, 705, 1425
 89. “Near-infrared counterparts of Chandra X-ray sources toward the Galactic Center,” DeWitt, C., Bandyopadhyay, R. M., Eikenberry, S. S., Blum, R., Olsen, K., Sellgren, K., & Sarajedini, A. 2010, *ApJ*, 721, 1663
 90. “C₆₀ in Reflection Nebulae,” Sellgren, K., Werner, M. W., Ingalls, J. G., Smith, J. D. T., Carleton, T. M., & Joblin, C. 2010, *ApJL*, 722, L54
 91. “Massive Young Stellar Objects in the Galactic Center. I. Spectroscopic Identification from *Spitzer*/IRS Observations,” An, D., Ramírez, S. V., Sellgren, K., Arendt, R. G., Boogert, A. C. A., Robitaille, T. P., Schultheis, M., Cotera, A. S., Smith, H. A., & Stolovy, S. R. 2011, *ApJ*, 736, 133
 92. “SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-solar Planetary Systems,” Eisenstein, D. J., et al. (240 authors including K. Sellgren), 2011, *AJ*, 142, 72
 93. “The Apache Point Observatory Galactic Evolution Experiment: First Detection of High Velocity Milky Way Bar Stars,” Nidever, D. L., et al. (35 co-authors including K. Sellgren), 2012, *ApJL*, 755, L25
 94. “Galactic Center X-ray Sources Identified with Near-Infrared Spectroscopy,” DeWitt, C., Bandyopadhyay, R. M., Eikenberry, S. S., Sellgren, K., Blum, R., Olsen, K., Bauer, F. E., & Sarajedini, A. 2012, *AJ*, submitted
 95. “The Galactic Center: Not an Active Galactic Nucleus,” An, D., Ramírez, S. V., & Sellgren, K. 2013, *ApJS*, 206, 20

Invited Presentations

1. “Infrared Emission from Reflection Nebulae,” Sellgren, K. 1989, invited review in *Interstellar Dust*, IAU Symp. 135, ed. L. J. Allamandola & A. G. G. M. Tielens (Dordrecht: Kluwer), 103
2. “The Stellar Cluster,” Sellgren, K. 1989, invited review in *The Center of the Galaxy*, IAU Symp. 136, ed. M. Morris (Dordrecht: Kluwer), 477
3. “The Infrared Interstellar Emission Features,” Sellgren, K. 1990, invited review in *Dusty Objects in the Universe*, ed. E. Bussoletti & A. A. Vittone (Dordrecht: Kluwer), 35
4. “Tiny Grains and Large Molecules,” Sellgren, K. 1990, Newton Lacy Pierce Prize

- Lecture, 176th American Astronomical Society meeting, BAAS, 22, 851
5. "Tiny Grains, Large Molecules, and the Infrared Cirrus," Sellgren, K. 1994, invited review in *The Infrared Cirrus and Diffuse Interstellar Clouds*, ed. R. M. Cutri & W. B. Latter (San Francisco: ASP), 243
 6. "Organic Dust in Dense Clouds," Sellgren, K. invited presentation at the Second Ames Dust Workshop: the Connection between Interstellar and Solar System Dust and Molecules, NASA Ames Research Center, April 1995
 7. "Tiny Grains and Large Molecules in the Milky Way and Other Galaxies," Sellgren, K. 1996, invited paper in *New Extragalactic Perspectives in the New South Africa*, ed. D. Block & J. M. Greenberg (Dordrecht: Kluwer), 151
 8. "Aromatic Hydrocarbons in the Interstellar Medium," Sellgren, K. invited talk presented at *Chemistry in Space*, 31st Central Regional Meeting of the American Chemical Society, June 1999, Columbus, Ohio.
 9. "Ground-based observations of interstellar ices," Sellgren, K. invited talk presented at *Workshop on the Origin and Evolution of Interstellar Ices*, October 1999, Leiden, the Netherlands
 10. "Aromatic Emission Features in Reflection Nebulae," Sellgren, K. invited talk presented at *Workshop on the Origin and Evolution of Interstellar PAHs*, June 2000, Leiden, the Netherlands
 11. "How was the mystery of the unidentified infrared emission features (UIRs) solved by polycyclic aromatic hydrocarbons (PAHs)?" Sellgren, K. invited talk presented at *Wittfest: Origins & Evolution of Dust*, October 2010, Toledo, OH
 12. "Stellar Objects in the Galactic Center," invited talk presented at *Planets, Binary Stars, Protostars, Interstellar Medium, and Galaxies*, July 2012, Seoul, Korea

Articles in Books

1. "Reflection Nebulae," Sellgren, K. 1992, article in *The Astronomy and Astrophysics Encyclopedia*, ed. S. P. Maran (New York: Van Nostrand Reinhold), 479

Popular Articles

1. "Chemical Evolution at the Center of the Milky Way," Cunha, K., & Sellgren, K. 2007, *Gemini Focus*, December 2007, 22

Publications in Conference Proceedings and Technical Reports

1. "Far Infrared Observations of Galaxies with Extended Molecular Emission," Sellgren,

- K., Werner, M. W., & Gatley, I. 1978, *BAAS*, 10, 422
2. "Calibration of the Arecibo Observatory Six Channel 30 MHz Adding Polarimeter for Use at 21 Centimeters Wavelength," Weisberg, J. M., Sellgren, K., & Rankin, J. 1979, National Astronomy and Ionosphere Center Report No. 113, June.
 3. "3.3 μm Observations of Orion," Sellgren, K. 1979, *BAAS*, 11, 622
 4. "New Far-Infrared Observations of the Orion Nebula/OMC-1 Complex," Werner, M. W., Becklin, E. E., Gatley, I., Neugebauer, G., & Sellgren, K. 1980, paper presented at Infrared Astronomy, IAU Symposium 96
 5. "Near Infrared Observations of the Visual Reflection Nebulae NGC 7023, NGC 2023, and NGC 2068," Sellgren, K. 1984, in Workshop on Laboratory and Observational Infrared Spectra of Interstellar Dust, Occ. Rep. Roy. Obs. Edinburgh No. 12, ed. R. D. Wolstencroft & J. M. Greenberg, 96
 6. "The Near Infrared Polarization of NGC 7023," Sellgren, K. 1984, in Workshop on Laboratory and Observational Infrared Spectra of Interstellar Dust, Occ. Rep. Roy. Obs. Edinburgh No. 12, ed. R. D. Wolstencroft & J. M. Greenberg, 171
 7. "Near Infrared Spectrophotometry of Visual Reflection Nebulae," Werner, M. W., Allamandola, L. J., Bregman, J. D., Wooden, D., Witteborn, F. C., & Sellgren, K. 1984, *BAAS*, 16, 446
 8. "Detection of Radio Continuum Emission from HH1 and HH2 and from their Central Exciting Source," Pravdo, S. H., Becker, R. H., Sellgren, K., Curiel, S., Cantó, J., Rodríguez, L. F., & Torrelles, J. M. 1984, *BAAS*, 16, 972
 9. "IRAS Surface Brightness Images of Reflection Nebulae in the Pleiades," Castelaz, M. W., Werner, M. W., & Sellgren, K. 1985, *BAAS*, 17, 835
 10. "Non-Equilibrium Emission from Small Particles," Sellgren, K. 1986, in *Light on Dark Matter*, Proc. First IRAS Conf., ed. F. P. Israel (Dordrecht: Reidel), 217
 11. "Reflection Nebulae, Non-Equilibrium Thermal Emission, and IRAS," Sellgren, K., Allamandola, L. J., Bregman, J. D., Werner, M. W., & Wooden, D. H. 1986, in *Light on Dark Matter*, Proc. First IRAS Conf., ed. F. P. Israel (Dordrecht: Reidel), 261
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