

AUTHOR INDEX

Only authors explicitly named in the text and figures were indexed. Names mentioned in acknowledgements were often omitted. Co-authors are not included when not explicitly mentioned.

Abell, G.O. 247
 Acierno, M.J. 316
 Africano, J.L. 2
 Aitken, D. 122
 Aizu, K. 183, 188, 189, 306, 309
 Alexander, M.E. 270
 Allen, C.W. 119
 Altamore, A. 36, 37
 Ando, H. 22
 Angel, J.R.P. 155
 Arnold, S. 2
 Arons, J. 281
 Axon, D.J. 208
 Ayasli, S. 282, 286

Bahcall, J. 327
 Bahcall, N. 327
 Bailey, J. 55, 74, 208, 231, 276
 Bar Hiyya, A. 325
 Barlow, M.J. 91
 Barrett, P.E. 217
 Barwig, H. 2
 Bashkin, S. 100
 Bateson, F.M. 74
 Bath, G.T. 44, 55, 58, 69, 74, 118, 127, 134, 166, 174, 279, 283,
 284, 285, 294, 301, 331, 334
 Batten, A.H. 243
 Beardsley, W.R. 90
 Beaudet, G. 145
 Becker, R.H. 168
 Belserene, E.P. 160
 Ben Ali, S. 316
 Ben Gudgada, Y. 324
 Ben Hananiah, Y. 324
 Ben Zakkai, Y. 324
 Berg, R.A. 299
 Bianchini, A. 26, 127, 179, 333
 Biermann, P. 2
 Blades, J.C. 117, 119, 120

- Bode, M.F. 121, 122, 133, 137, 139
 Boggess, A. 42
 Bond, H.E. 2, 41, 42, 45, 245, 309, 317
 Bondi, H. 263
 Bonnet-Bidaud, J.M. 158, 159, 174, 179
 Bopp, B.W. 239
 Bowen, I.S. 98
 Bowyer, C.S. 246
 Branduardi, G. 318
 Brecher, K. 225
 Breysacher, J. 257
 Brickhill, A.J. 168
 Brinkman, A.C. 315
 Brosch, N. 327
 Brownlee, D.E. 155, 299
- Cahn, J.H. 247
 Campolonghi, F. 2
 Canal, R. 149, 150, 152
 Canizares, C.R. 98
 Canizzo, J.K. 167
 Cassinelli, J.P. 43, 44
 Castor, J.I. 103
 Chanan, G.A. 167
 Chanmugam, G. 199, 200, 207, 217, 219, 223, 225, 301, 317, 318, 335
 Charles, P.A. 20, 156, 231, 282, 304
 Cherepashchuk, A.M. 25
 Chevalier, R.A. 149, 183, 318
 Chiappetti, L. 199, 217, 223, 225
 Chincarini, G. 2, 257
 Choi, K.H. 270
 Clayton, D.D. 121, 133, 139
 Coe, M.J. 174
 Cohen, J.G. 98
 Colvin, J.D. 143, 144, 146, 334
 Cook, M.C. 2, 276
 Copeland, H. 258
 Cordova, F.A. 42, 44, 128, 159, 164, 166, 167, 231, 299, 300, 304,
 Cowley, A.P. 1, 2, 21, 25, 155, 164, 165, 299, 318
 Crampton, D. 1, 2, 21, 25, 155, 299, 333
 Cropper, M.S. 165, 166
- D'Antona, F. 10
 Davidson, K. 281
 Davies, J.K. 121
 DeGregoria, A.J. 309
 Dermott, S.F. 225
 Dessler, A.J. 225
 Duerbeck, H.W. 85
 Dulk, G.A. 207, 217, 219, 223

- Durisen, R.H. 309
Duthie, J.G. 2, 299
Dyson, F.J. 151, 152
- Ebisuzaki, T. 293
Edwards, A.C. 55, 69
Eggleton, P.P. 10, 239, 240, 247, 248, 269, 272, 334
Elsner, R.F. 232
Etzel, P.B. 246, 248
Evans, A. 121, 122, 133, 137, 139, 334
Evans, W.D. 284, 301
Eviathar, A. 327
- Fabbiano, G. 184-186, 315, 316
Fabian, A.C. 29, 32, 91, 183, 186, 306, 308, 309, 312, 313, 318
Fairall, A.P. 229, 301
Faulkner, J. 7, 32, 80, 249, 263, 276
Felsteiner, J. 184
Ferguson, D.H. 2, 22, 97, 100, 101, 245
Ferland, G. 35, 38, 77, 87, 90, 112
Flannery, B. 7
Fontaine, G. 144, 145
Frank, J. 188-190, 192, 314, 315
Freeth, R.F. 51
Friedjung, M. 117-119, 122, 334
Fuhrmann, B. 164
Fujimoto, M.Y. 84, 265, 316
- Gallagher, J.S. 77, 87
Gamliel 324
Garcia, N. 160
Garmire, G. 300
Gershon, L.B. 326
Gherz, R.D. 121, 133, 137
Ghosh, P. 126, 161, 177, 228, 229, 282, 283
Gilliland, R.L. 2, 11, 29, 30, 52, 97, 166, 231, 257, 304, 334
Goldreich, P. 234, 247
Gomer, R.H. 18
Graboske, H.C., Jr., 144, 258
Grauer, A.D. 10, 245
Green, R.F. 245, 247
Greenstein, J.B. 42-45, 245
Griffin, R.F. 241
Griffiths, R.E. 157, 159, 301
Grindlay, J.E. 304, 307
Grossman, A.S. 258
Guinan, E.F. 41-44
- Haefner, R. 2
Hamzaoglu, E. 26
Hanawa, T. 293

- Harpaz, A. 273
 Hassall, B.J.M., 64, 157-159, 161, 174, 184, 301
 Hatfield, B.F. 133, 140
 Hayakawa, S. 309, 313
 Hayes, D.S. 42
 Hays, D. 258
 Hearn, D.R. 299
 Heise, J. 299, 315
 Helfand, D.J. 20
 Herbig, G.H. 245, 246, 327
 Herbst, W. 155, 166
 Hertberg, G. 327
 Hertz, P. 304, 307
 Hesser, J.E. 2
 Hill, T.W. 225
 Hiltner, W.A. 242, 243
 Hisma, E. 324
 Hofmeister, E. 144
 Holm, A.V. 42
 Honda, M. 121
 Horn, J. 258
 Horne, K. 2, 18, 20, 168
 Hoshi, R. 183, 306, 309
 Hoyle, F. 270
 Huang, S.-S. 240
 Hutchings, J.B. 1, 2, 21, 25, 97, 156-158, 173, 174, 178, 231, 304

 Ibn Arzarkali 325
 Ibn Ezra, A. 325
 Ibn Said, I. 325
 Illarionov, A.F. 282
 Imamura, J.N. 183, 187, 193, 309, 312, 314, 318
 Isern, J. 149

 Jameson, R.F. 112, 299
 Jancovici, B. 150, 151
 Jensen, J.O. 258
 Johns, M. 160
 Johnston, M.D. 22, 26
 Jorgenson, H.E. 258
 Joss, P.C. 8, 10, 166, 224-226, 232, 275, 277, 282, 286, 293, 301
 Joy, A.H. 1

 Kahn, S. 315
 Kaler, J.B. 99
 Kato, M. 293, 295
 Katz, J.I. 155, 183, 301, 309, 313
 Kemp, J.C. 25, 167, 301
 Kemper, E. 2, 32
 Kennedy, H.D. 51
 Kepler, S.O. 2

- Kilkenny, D. 245
 King, A.R. 26, 128, 129, 181, 183, 184, 186, 192, 194, 200, 296,
 304, 308, 315, 335
 Kiplinger, A.L. 1
 Kippenhahn, R. 92, 144
 Kirschnits, D.A. 151, 152
 Kitamura, M. 17
 Klare, G. 64, 133
 Klavetter, J.K. 55, 57, 58
 Klimke, A. 2
 Kopal, Z. 270
 Kovetz, A. 150
 Kraft, R.P. 2, 6, 26, 29, 239
 Krautter, J. 165
 Kriz, S. 249
 Kruszewski, A. 52, 155, 165, 166, 207
 Krzeminski, W. 2, 29, 299, 304
 Kudritzki, R.P. 245, 246, 271
 Kuijpers, J. 186
 Kukarkin, B.V. 2
 Kupo, I. 327
 Kurochkin, N.E. 2, 17
 Kurucz, R.L. 107
 Kutter, G.S. 80
 Kylafis, N.D. 128, 159, 183, 300, 304, 309, 310, 311, 313, 315

 Lamb, D.Q. 128, 144, 159, 183, 219, 225, 229, 230, 299-301, 304,
 307, 311, 313, 315, 317, 334
 Lamb, F.K. 128, 155, 163, 177, 225, 229, 230, 232, 282, 283
 Langer, S.H. 183, 199, 318
 Lanning, H.H. 18, 245, 247
 Lasota, J.P. 128, 129, 183, 184, 186, 194, 308, 314, 315
 Latham, D.W. 156, 309
 Lea, S.M. 281
 Leibowitz, E.M. 35, 327
 Leung, C.M. 134
 Lewin, W.H.G. 293
 Liebert, J. 2, 309
 Lightman, A.P. 55
 Liller, M.H. 168
 Linsky, J. 300
 Lipunov, V.M. 382
 Liu, H. 327
 Livio, M. 179, 269, 271, 279, 280, 285, 332, 335
 Longmore, A.J. 2, 121
 Lubow, S.H. 56, 58
 Luyten, W.J. 2, 6
 Lynden-Bell, D. 55, 127, 224

 MacDonald, J. 77-80, 316, 334
 Maimon, M.B. 325

- Mantle, V.J. 55, 69
 Mardirossian, F. 164
 Margon, B. 22, 98, 168, 202, 245, 309
 Marino, B.F. 50
 Marshall, F.E. 157, 159-161, 163, 229, 231, 282, 301, 303, 317
 Mason, K.O. 2, 42, 44, 164, 166, 280, 299, 300, 304
 Masters, A.R. 183, 219, 306, 309, 315
 Mattei, J.A. 2, 55, 57, 58
 Maze, T. 327
 Mazzitelli, I. 10
 McClintock, J.E. 22, 98
 McGraw, J.T. 165
 McHardy, I.M. 160, 231
 McLaughlin, D.B. 6
 Meggitt, S.M. 217
 Mekler, Y. 326
 Mendez, R.H. 245
 Meyer, F. 45, 277
 Meyer-Hofmeister, E. 45, 277
 Michaud, G. 144, 145
 Michel, F.C. 224
 Middleditch, J. 7, 202, 263
 Milgrom, M. 161
 Miller, J.S. 240, 245
 Mitchell, R.M. 133, 134, 140
 Miyaji, S. 149, 263
 Mochkovitch, R. 149, 150
 Motch, C. 156, 160, 161, 173, 176, 178, 179, 231, 304
 Mouchet, M. 159, 173, 174, 177, 334
 Muchmore, D. 144, 145
 Mumford, G.S. 2, 11, 53
- Nandy, K. 42
 Nariai, K. 264
 Nather, R.E. 1, 2, 7, 167, 231, 263, 301
 Ne'eman, Y. 323
 Nelson, J.E. 42, 44, 90, 245
 Neo, S. 265
 Netzer, H. 35, 37
 Ney, E.P. 133, 140
 Niemela, V.S. 235
 Nomoto, K. 143, 149, 265, 266
 Noskova, R.I. 245
 Novikov, I.D. 283
 Nussbaumer, H. 103
- O'Donoghue, D. 157, 231, 301
 Okazaki, A. 17
 Oke, J.B. 42-45
 Olson, E.C. 2
 Olson, G.L. 43, 44

- Opher, R. 184
 Ostriker, J.P. 281
- Pacheco, J.A.F. 87
 Paczynski, B. 2, 8, 26, 56, 77, 91, 186, 240, 242, 247, 249, 251, 263, 275, 277, 316
 Page, A.A. 51
 Pakull, M.W. 20, 160, 161, 176
 Pandharipande, V.R. 230
 Panek, R.J. 42
 Papaloizou, J. 56, 74, 186, 284, 316
 Patterson, J. 2, 157, 160, 161, 166, 167, 173, 199, 229, 230, 231 257, 276, 300, 301, 303, 315, 317, 319
 Pavlov, G.G. 218
 Payne-Gaposchkin, C. 91, 117, 124
 Penfold, J.E. 20
 Pesch, P. 245, 247
 Pethick, C.J. 229
 Petro, L.D. 22
 Petrosian, V. 145
 Peytremann, E. 107
 Phillips, M.M. 2, 97
 Pickles, A. 2
 Piirola, V. 207, 211, 212, 334
 Pines, D. 229, 230
 Plavec, M. 258
 Popper, D.M. 246, 258
 Pottasch, S. 87
 Price, C. 157, 161, 173, 229, 231, 300, 301, 303, 317
 Friedhorsky, W.C. 155
 Pringle, J.E. 44, 56, 57, 59, 60, 127, 186, 301, 305, 306, 308, 309, 316
 Pye, J.P. 160
- Raine, D.J. 304
 Raizer, Yu. P. 191
 Ramaty, R. 218
 Rappaport, S. 8, 10, 32, 232, 264, 275, 277, 296, 301
 Raymond, J.C. 158, 184, 315, 316
 Rees, M.J. 306, 308, 309
 Reimers, D. 271
 Ricketts, M.J. 26, 282, 293, 304
 Riegler, G.R. 299
 Ritter, H. 29, 32, 257, 260, 275, 276
 Robertson, J.A. 239
 Robinson, E.L. 1, 2, 7, 10, 29, 31-33, 134, 155, 167, 168, 176, 231, 248-251, 300, 301, 304, 333
 Rosino, L. 127
 Ross, R.R. 312, 313, 318
 Rothschild, R.E. 184, 185, 301, 302, 315
 Rucinski, S.M. 239

- Rudak B. 242
 Ruggles, C.L.N. 294

 Sabbadin, F. 26, 127
 Sadeh, D. 280
 Salpeter, E.E. 145
 Samuel, M. 324
 Sato, S. 140
 Savedoff, M. 150
 Savonije, G.J. 305
 Schatzman, E. 149, 150, 334
 Schiffer, F.H. 42
 Schmidt, G.D. 156, 202, 223, 234, 309
 Schneider, D.P. 2, 18, 168, 257
 Schroder, R. 29, 32
 Schoembs, R. 2, 8, 168
 Schwartz, D.A. 156
 Seaton, M.J. 99, 103, 117, 119, 120, 174
 Semeniuk, I. 2
 Serkowski, K. 214, 299
 Shafter, A.W. 2, 158, 159, 161
 Shakura, N.I. 127, 283, 305
 Shara, M.M. 2, 134
 Shaviv, G. 118, 134, 150, 199, 318, 332
 Sheckman, S.A. 2
 Sherrington, M.R. 299
 Shields, G.A. 77, 87
 Shu, F.H. 56, 58
 Shugarov, S.Yu. 2, 17
 Sienkiewicz, R. 8, 249, 250, 263, 275, 277
 Sion, E.M. 41-44, 316, 333
 Skinner, G.K. 280, 282
 Smak, J. 2, 164, 257
 Smith, R.A. 230
 Snijders, M.A.J. 117, 119, 120, 122
 Sparks, W.M. 78, 80, 143, 144, 242, 316
 Stalio, R. 43, 44
 Starrfield, S.G. 45, 77, 78, 86, 143-145, 149, 242, 286, 316
 Stecher, T.P. 242
 Steiner, J.E. 158, 159, 161, 173, 231, 309
 Stepien, K. 2, 164
 Sterken, C. 51, 304
 Stevenson, D.J. 150
 Stickland, D.J. 77, 87
 Stix, T.H. 218
 Stockman, H.S. 2, 160, 164, 202, 301, 309
 Stolz, B. 2, 8
 Stoner, J.O. 100
 Storey, P.J. 103
 Stover, R.J. 1, 2, 7, 30, 58, 62
 Sugimoto, D. 149, 264, 293, 334

- Suntzeff, N. 32
 Sunyaev, R.A. 127, 282, 283, 305
 Swank, J.H. 7, 231, 263, 299, 304
 Swedlund, J.B. 167, 301
 Szkody, P. 155, 167, 168, 299, 301, 315

 Taam, R.E. 80, 149
 Tanaka, Y. 280
 Tanzi, E.G. 199, 217
 Tapia, S. 154, 207, 219, 299, 301, 302, 334
 Targon, D.M. 2, 158, 159, 161
 Thackeray, A.D. 2
 Thomas, B. 2
 Thomas, H.C. 91
 Thorne, K.S. 283
 Thorstensen, J. 2, 21, 245
 Tokarz, S. 22
 Tomczyk, S. 316
 Treves, A. 199, 217
 Truran, J.W. 78, 89, 143, 144, 316
 Tuohy, I.R. 301, 303, 315
 Tuominen, I. 207
 Turnshek, D.A. 316
 Tutukov, A.V. 242, 263
 Tylenda, R. 87, 305, 306

 Ulrich, R.K. 246

 Van den Heuvel, E.P.J. 263, 264
 Van Horn, H.M. 144, 285
 Van Paradijs, J. 177
 Verbunt, F. 240
 Veron, P. 224
 Viotti, R. 212
 Vila, S.C. 45, 270
 Vilhu, O. 207
 Visvanathan, N. 2, 156, 160, 202, 309
 Vogt, N. 2, 3, 51, 52, 54, 69, 74, 165, 257, 276, 304
 Voikhanskaya, N.F. 168

 Wada, T. 183, 308
 Wade, R.A. 247
 Wagner, R.L. 200, 301
 Walker, M.F. 1, 257
 Walker, W.S.G. 51
 Walter, F.M. 7, 246
 Wargau, W. 42, 44
 Warner, B. 2, 7, 11, 41, 42, 44, 64, 69, 74, 155-158, 160, 161,
 164-166, 168, 176, 179, 231, 248, 276, 300, 301, 332, 335
 Warren, P.R. 21
 Warwick, R.S. 26, 299

- Watson, M.G. 165, 299
Watts, D.J. 158, 174
Weast, G.J. 310, 311, 314
Webbink, R.F. 8, 10, 91, 239, 275, 277
Wehinger, P. 327
Weigert, A. 144
Wheeler, J.C. 149
White, N.E. 7, 157, 159-161, 163, 229, 231, 263, 301, 303, 304,
317
Whyte, C.A. 10, 247, 248
Wickramasinghe, D.T. 156, 159-161, 174, 202, 217, 309
Wickramasinghe, N.C. 121, 133, 139
Wiese, W.L. 99, 107
Wiita, P. 44, 45
Williams, P.M. 121
Williams, R.E. 2, 37, 43, 45, 47, 77, 87, 88, 91, 97, 100, 101,
103, 333
Wolf, B. 85, 134
Wolstencroft, R.D. 301
Wood, P.R. 247
Woosley, S.E. 149
Wycoff, S. 327

Yamasaki, A. 17
Yasutomi, M. 265
Young, A. 245
Young, P. 2, 18, 257
Yungelson, L.R. 242

Zacuto, A. 326
Zeldovich, Ya.B. 191
Zellner, B. 214
Zwaan, C. 240
Zytkow, A.N. 77, 186, 293, 316