

H-index ranking of living chemists

This list of living chemists has been compiled by Henry Schaefer, of the University of Georgia, US, together with colleague Amy Peterson. The pair assessed the h-index of around 2000 chemists; this list includes those with a score greater than 50.

The h-index was devised by physicist Jorge Hirsch in 2005 to measure research impact. A scientist's h-index is the highest number of papers they have published which have each amassed at least that number of citations: E J Corey, with an h of 133, has published 133 papers which have each received at least 133 citations, for example.

A full *Chemistry World* news story on the list first appeared here:

www.rsc.org/chemistryworld/News/2007/April/23040701.asp

And in the May 2007 edition of *Chemistry World* magazine.

The latest update is 13 June 2008.

To make enquiries about the list – which is a work in progress – please contact Amy Peterson at amyccqc@uga.edu

Chemistry World is in no way responsible for the content of this list.

denotes Nobel Laureate

| Rank | Name | h-index | Field |
|------|-------------------|---------|-------------|
| 1 | Whitesides, G. M. | 140 | Organic |
| 2 | Corey, E. J.# | 133 | Organic |
| 3 | Karplus, M. | 131 | Theoretical |
| 4 | Heeger, A. J.# | 115 | Organic |
| 4 | Schleyer, P. v. | 115 | Organic |
| 4 | Wüthrich, K.# | 115 | Bio |
| 7 | Bax, A. | 114 | Bio |
| 8 | Huber, R.# | 113 | Bio |
| 9 | Hoffmann, R.# | 112 | Theoretical |
| 10 | Lehn, J. M. # | 108 | Organic |
| 11 | Bard, A. J. | 106 | Analytical |
| 11 | Scheraga, H. A. | 106 | Bio |
| 13 | Schreiber, S. L. | 104 | Bio |
| 14 | Gratzel, M. | 99 | Physical |
| 15 | Khorana, H. G.# | 98 | Bio |
| 16 | Ertl, G.# | 97 | Physical |
| 16 | Fersht, A. R. | 97 | Bio |
| 16 | Gray, H. B. | 97 | Inorganic |
| 16 | Marks, T. J. | 97 | Inorganic |
| 16 | Trost, B. M. | 97 | Organic |
| 16 | Zare, R. N. | 97 | Physical |

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|----|-------------------|----|-------------|
| 22 | Clore, G. M. | 96 | Bio |
| 22 | Lippard, S. J. | 96 | Inorganic |
| 22 | Schaefer, H. F. | 96 | Theoretical |
| 24 | Evans, D. A. | 95 | Organic |
| 26 | Nicolaou, K. C. | 94 | Organic |
| 26 | Noyori, R.# | 94 | Organic |
| 26 | Seebach, D. | 94 | Organic |
| 26 | Truhlar, D. G. | 94 | Theoretical |
| 30 | Sharpless, K.B.# | 93 | Organic |
| 31 | Ibers, J. A. | 92 | Inorganic |
| 31 | Somorjai, G.A. | 92 | Physical |
| 31 | Stucky, G. D. | 92 | Inorganic |
| 34 | Djerassi, C. | 91 | Organic |
| 34 | Meyer, T. J. | 91 | Inorganic |
| 36 | Frechet, J. M. | 90 | Organic |
| 36 | Grubbs, R. H.# | 90 | Inorganic |
| 36 | Jortner, J. | 90 | Theoretical |
| 36 | McConnell, H. M. | 90 | Bio |
| 40 | Ingold, K. U. | 89 | Organic |
| 41 | Dobson, C. M. | 88 | Bio |
| 41 | Lerner, R. A. | 88 | Bio |
| 41 | Holm, R. H. | 88 | Inorganic |
| 44 | Houk, K. N. | 87 | Theoretical |
| 44 | Lipscomb, W. N.# | 87 | Inorganic |
| 44 | Murray, R. W. | 87 | Analytical |
| 44 | Schrock, R. R.# | 87 | Inorganic |
| 48 | Goddard, W. A. | 86 | Theoretical |
| 48 | Miller, W. H. | 86 | Theoretical |
| 50 | Ernst, R. R.# | 85 | Physical |
| 51 | Breslow, R. | 84 | Organic |
| 51 | Mann, M. | 84 | Analytical |
| 51 | Marcus, R. A.# | 84 | Theoretical |
| 51 | Warshel, A. | 84 | Theoretical |
| 55 | Olah, G.A.# | 83 | Organic |
| 55 | Roberts, J. D. | 83 | Organic |
| 57 | Kochi, J. K. | 81 | Organic |
| 57 | Rice, S. A. | 81 | Theoretical |
| 57 | Saveant, J. M. | 81 | Analytical |
| 57 | Zewail, A.# | 81 | Physical |
| 61 | Bartlett, R. J. | 80 | Theoretical |
| 61 | Goodenough, J. B. | 80 | Physical |
| 61 | McLafferty, F. W. | 80 | Analytical |
| 61 | Wrighton, M. S. | 80 | Inorganic |
| 65 | Matyjaszewski, K. | 79 | Inorganic |

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|-----|---------------------|----|-------------|
| 66 | Collman, J. P. | 78 | Inorganic |
| 66 | Crothers, D. M. | 78 | Bio |
| 66 | Schultz, P. G. | 78 | Bio |
| 66 | Thomas, J. M. | 78 | Physical |
| 66 | Turro, N. J. | 78 | Organic |
| 66 | Wiberg, K. B. | 78 | Organic |
| 72 | Dunitz, J. | 77 | Organic |
| 72 | Yates, J. T. | 77 | Physical |
| 74 | Bredas, J. L. | 76 | Theoretical |
| 74 | Cava, R. J. | 76 | Inorganic |
| 74 | Chandler, D. | 76 | Theoretical |
| 74 | Lee, Y. T.# | 76 | Physical |
| 74 | Radom, L. | 76 | Theoretical |
| 74 | Rao, C. N. R. | 76 | Inorganic |
| 74 | Shirley, D. A. | 76 | Physical |
| 74 | Williams, D. H. | 76 | Organic |
| 82 | Atwood, J. L. | 75 | Inorganic |
| 82 | Buchwald, S. L. | 75 | Organic |
| 82 | Fleming, G. R. | 75 | Physical |
| 82 | Herrmann, W. A. | 75 | Inorganic |
| 82 | Lappert, M. F. | 75 | Inorganic |
| 82 | Norskov, J. K. | 75 | Physical |
| 82 | Que, L. | 75 | Bio |
| 82 | Raghavachari, K. | 75 | Theoretical |
| 82 | Stork, G. | 75 | Organic |
| 91 | Balzani, V. | 74 | Inorganic |
| 91 | Bauschlicher, C. W. | 74 | Theoretical |
| 91 | Hendrickson, D. N. | 74 | Inorganic |
| 91 | Huisgen, R. | 74 | Organic |
| 91 | Lewis, J. | 74 | Inorganic |
| 91 | Morokuma, K. | 74 | Theoretical |
| 91 | Ringsdorf, H. | 74 | Bio |
| 91 | Sauvage, J. P. | 74 | Inorganic |
| 91 | Wong, C. H. | 74 | Organic |
| 91 | Wudl, F. | 74 | Organic |
| 101 | Dervan, P. B. | 73 | Bio |
| 101 | Diederich, F. | 73 | Organic |
| 101 | Grant, D. M. | 73 | Organic |
| 101 | Henglein, A. | 73 | Physical |
| 101 | Jorgensen, W. L. | 73 | Theoretical |
| 101 | Katritzky, A. | 73 | Organic |
| 101 | Kay, L. E. | 73 | Bio |
| 101 | Lieber, C. M. | 73 | Physical |
| 101 | Shinkai, S. | 73 | Organic |

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|-----|---------------------|----|-------------|
| 101 | Stoddart, J. F. | 73 | Organic |
| 101 | Tinoco, I. | 73 | Bio |
| 112 | Armentrout, P. B. | 72 | Physical |
| 112 | Atkinson, R. | 72 | Physical |
| 112 | Bunnett, J. F. | 72 | Organic |
| 112 | Crutzen, P. J.# | 72 | Physical |
| 112 | Dahl, L. F. | 72 | Inorganic |
| 112 | Klein, M. L. | 72 | Theoretical |
| 112 | Paul, D. R. | 72 | Physical |
| 119 | Allinger, N. L. | 71 | Theoretical |
| 119 | Clementi, E. | 71 | Theoretical |
| 119 | Handy, N. C. | 71 | Theoretical |
| 119 | Hochstrasser, R. M. | 71 | Physical |
| 119 | Müllen, K. | 71 | Organic |
| 119 | Oesterhelt, D. | 71 | Bio |
| 119 | Parrinello, M. | 71 | Theoretical |
| 119 | Reingold, A. L. | 71 | Inorganic |
| 119 | Wightman, R. M. | 71 | Analytical |
| 128 | Baerends, E. J. | 70 | Theoretical |
| 128 | Benkovic, S. J. | 70 | Organic |
| 128 | Bruice, T. C. | 70 | Bio |
| 128 | Cooks, R. G. | 70 | Analytical |
| 128 | Curran, D. P. | 70 | Organic |
| 128 | Haddon, R. C. | 70 | Organic |
| 128 | Hunt, D. F. | 70 | Analytical |
| 128 | Hehre, W. J. | 70 | Theoretical |
| 128 | Ibach, H. | 70 | Physical |
| 128 | Klemperer, W. | 70 | Physical |
| 128 | Nakanishi, K. | 70 | Organic |
| 128 | Shank, C. V. | 70 | Physical |
| 128 | Smith, R. D. | 70 | Analytical |
| 128 | Soloman, E. A. | 70 | Inorganic |
| 128 | Spiro, T. G. | 70 | Inorganic |
| 128 | Stone, F. G. A. | 70 | Inorganic |
| 128 | Ziegler, T. | 70 | Theoretical |
| 145 | Abraham, M. H. | 69 | Physical |
| 145 | Barton, J. K. | 69 | Bio |
| 145 | Bercaw, J. E. | 69 | Inorganic |
| 145 | Churchill, M R. | 69 | Inorganic |
| 145 | Davidson, E. R. | 69 | Theoretical |
| 145 | Kebarle, P. | 69 | Physical |
| 145 | Mohwald, H. | 69 | Physical |
| 145 | Reinhoudt, D. N. | 69 | Organic |
| 153 | Angell, C. A. | 68 | Physical |

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|-----|-------------------|----|-------------|
| 153 | Anson, F. C. | 68 | Analytical |
| 153 | Beauchamp, J. L. | 68 | Physical |
| 153 | Bell, A. T. | 68 | Physical |
| 153 | DeGrado, W. F. | 68 | Bio |
| 153 | Eliel, E. A. | 68 | Organic |
| 153 | Fowler, J. S. | 68 | Bio |
| 153 | Green, M. L. H. | 68 | Inorganic |
| 153 | Griffin, R. G. | 68 | Physical |
| 153 | Klibanov, A. M. | 68 | Bio |
| 153 | Maddix, R. J. | 68 | Physical |
| 153 | Mathies, R. A. | 68 | Bio |
| 153 | Mukaiyama, T. | 68 | Organic |
| 153 | Prausnitz, J. M. | 68 | Theoretical |
| 153 | Tarascon, J. M. | 68 | Physical |
| 168 | Bates, F. S. | 67 | Physical |
| 168 | Bergman, R. G. | 67 | Inorganic |
| 168 | Hoffman, B. M. | 67 | Inorganic |
| 168 | Huffman, J. C. | 67 | Inorganic |
| 168 | Hynes, J. T. | 67 | Theoretical |
| 168 | Kessler, H. | 67 | Organic |
| 168 | Mukamel, S. | 67 | Theoretical |
| 168 | McCammon, J. A. | 67 | Theoretical |
| 168 | Troe, J. | 67 | Physical |
| 168 | Witkop, B. | 67 | Bio |
| 168 | Wolynes, P. G. | 67 | Theoretical |
| 179 | Avouris, P. | 66 | Physical |
| 179 | Berne, B. J. | 66 | Theoretical |
| 179 | Biemann, K. | 66 | Analytical |
| 179 | Fetters, L. J. | 66 | Physical |
| 179 | Freeman, R. | 66 | Physical |
| 179 | Johnson, B. F. G. | 66 | Inorganic |
| 179 | Lindman, B. | 66 | Physical |
| 179 | Parr, R. G. | 66 | Theoretical |
| 179 | Saenger, W. | 66 | Bio |
| 179 | Sutin, N. | 66 | Inorganic |
| 189 | Barbas, C. F. | 65 | Bio |
| 189 | Calabrese, J. C. | 65 | Inorganic |
| 189 | Corma, A. | 65 | Physical |
| 189 | Crabtree, R. H. | 65 | Inorganic |
| 189 | Gatteschi, D. | 65 | Inorganic |
| 189 | Halpern, J. | 65 | Inorganic |
| 189 | Hawker, C. J. | 65 | Organic |
| 189 | King, R. B. | 65 | Inorganic |
| 189 | Lemieux, R. U. | 65 | Organic |

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|-----|--------------------|----|-------------|
| 189 | Lineberger, W. C. | 65 | Physical |
| 189 | Martin, C. R. | 65 | Analytical |
| 189 | Ratner, M. A. | 65 | Theoretical |
| 189 | Schwarz, H. | 65 | Physical |
| 189 | Williams, J. M. | 65 | Inorganic |
| 203 | Bader, R. F. W. | 64 | Theoretical |
| 203 | Brauman, J. I. | 64 | Organic |
| 203 | Gordon, M. S. | 64 | Theoretical |
| 203 | Izatt, R. M. | 64 | Organic |
| 203 | Jacobsen, E. N. | 64 | Organic |
| 203 | Lunsford, J. H. | 64 | Physical |
| 203 | Moore, C. B. | 64 | Physical |
| 203 | Pettit, G. R. | 64 | Bio |
| 203 | Schatz, G. C. | 64 | Theoretical |
| 203 | Scheidt, W. R. | 64 | Inorganic |
| 203 | Toennies, J. P. | 64 | Physical |
| 203 | West, R. | 64 | Inorganic |
| 203 | Williams, D. J. | 64 | Organic |
| 203 | White, A. H. | 64 | Inorganic |
| 217 | Benson, S. W. | 63 | Physical |
| 217 | Buckingham, A. D. | 63 | Theoretical |
| 217 | Buenker, R. J. | 63 | Theoretical |
| 217 | Freed, K. F. | 63 | Theoretical |
| 217 | Goodman, D. W. | 63 | Physical |
| 217 | Hartwig, J. F. | 63 | Organic |
| 217 | Hearst, J. E. | 63 | Bio |
| 217 | Menzel, D. | 63 | Physical |
| 217 | Oldfield, E. | 63 | Physical |
| 217 | Pearson, R. G. | 63 | Inorganic |
| 217 | Peyerimhoff, S. D. | 63 | Theoretical |
| 217 | Pines, A. | 63 | Physical |
| 217 | Pitts, J. N. | 63 | Physical |
| 217 | Raymond, K. N. | 63 | Inorganic |
| 217 | Reetz, M. T. | 63 | Organic |
| 217 | Roos, B. | 63 | Theoretical |
| 217 | Sykes, B. D. | 63 | Bio |
| 234 | Alivisatos, A. P. | 62 | Physical |
| 234 | Antonietti, M. | 62 | Physical |
| 234 | Cederbaum, L. S. | 62 | Theoretical |
| 234 | Cheetham, A. K. | 62 | Inorganic |
| 234 | Danishefsky, S. J. | 62 | Organic |
| 234 | Dill, K. A. | 62 | Theoretical |
| 234 | El-Sayed, M. A. | 62 | Physical |
| 234 | Groves, J. T. | 62 | Bio |

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|-----|-------------------------|----|-------------|
| 234 | Hamilton, A. D. | 62 | Organic |
| 234 | Hodgson, K. D. | 62 | Inorganic |
| 234 | Kagan, H. B. | 62 | Organic |
| 234 | Katzenellenbogen, J. A. | 62 | Bio |
| 234 | Kishi, Y. | 62 | Organic |
| 234 | Kroto, H# | 62 | Physical |
| 234 | Ozin, G. A. | 62 | Physical |
| 234 | Raveau, B. | 62 | Inorganic |
| 234 | Reedijk, J. | 62 | Inorganic |
| 234 | Saykally, R. J. | 62 | Physical |
| 234 | Schlegel, H. B. | 62 | Theoretical |
| 234 | Shibasaki, M. | 62 | Organic |
| 234 | van Koten, G. | 62 | Inorganic |
| 234 | Wegner, G. | 62 | Physical |
| 256 | Ahlrichs, R. | 61 | Theoretical |
| 256 | Armstrong, D. W. | 61 | Analytical |
| 256 | Baldwin, J. E. | 61 | Organic |
| 256 | Bowers, M. T. | 61 | Physical |
| 256 | Busch, D. H. | 61 | Inorganic |
| 256 | Case, D. A. | 61 | Theoretical |
| 256 | Catlow, C. R. A. | 61 | Inorganic |
| 256 | Evans, W. J. | 61 | Inorganic |
| 256 | Hursthouse, M. B. | 61 | Inorganic |
| 256 | Kruger, C. | 61 | Inorganic |
| 256 | La Mar, G. N. | 61 | Physical |
| 256 | Meyers, A. I. | 61 | Organic |
| 256 | Newton, M. D. | 61 | Theoretical |
| 256 | Polanyi, J.C.# | 61 | Physical |
| 256 | Rebek, J. | 61 | Organic |
| 256 | Reed, C. A. | 61 | Inorganic |
| 256 | Schulten, K. | 61 | Theoretical |
| 256 | Siegbahn, P. | 61 | Theoretical |
| 256 | Spiess, H. W. | 61 | Physical |
| 275 | Balch, A. L. | 60 | Inorganic |
| 275 | Casey, C. P. | 60 | Inorganic |
| 275 | Freed, J. H. | 60 | Physical |
| 275 | Gubbins, K. E. | 60 | Theoretical |
| 275 | Levine, R. D. | 60 | Theoretical |
| 275 | Maciel, G. E. | 60 | Physical |
| 275 | Mansuy, D. | 60 | Bio |
| 275 | O'Keeffe, M. | 60 | Inorganic |
| 275 | Paquette, L. | 60 | Organic |
| 275 | Sessler, J. L. | 60 | Inorganic |
| 275 | Seyferth, D. | 60 | Inorganic |

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|-----|--------------------|----|-------------|
| 275 | Spek, A. L. | 60 | Inorganic |
| 275 | Terabe, S. | 60 | Analytical |
| 275 | Zubieta, J. | 60 | Inorganic |
| 289 | Bockris, J. O. | 59 | Physical |
| 289 | Boudart, M. | 59 | Physical |
| 289 | Castleman, A. W. | 59 | Physical |
| 289 | Doering, W. v. E. | 59 | Organic |
| 289 | Dunning, T. H. | 59 | Theoretical |
| 289 | Frankel, D. | 59 | Theoretical |
| 289 | Herschbach, D. R.# | 59 | Physical |
| 289 | Jerome, R. | 59 | Physical |
| 289 | Knowles, J. R. | 59 | Bio |
| 289 | Kohn, W.# | 59 | Theoretical |
| 289 | Meijer, E. W. | 59 | Organic |
| 289 | Michl, J. | 59 | Organic |
| 289 | Schlag, E. W. | 59 | Physical |
| 289 | Smith, A. B. | 59 | Organic |
| 289 | Smith, K. M. | 59 | Bio |
| 289 | Still, W. C. | 59 | Organic |
| 289 | Streitwieser, A. | 59 | Organic |
| 289 | Tannenbaum, S. R. | 59 | Bio |
| 289 | Werner, H. J. | 59 | Theoretical |
| 289 | Wilner, I. | 59 | Physical |
| 309 | Andrews, L. | 58 | Physical |
| 309 | Aust, S. D. | 58 | Bio |
| 309 | Barbara, P. F. | 58 | Physical |
| 309 | Bartell, L. S. | 58 | Physical |
| 309 | Boger, D. L. | 58 | Organic |
| 309 | Bertini, I. | 58 | Inorganic |
| 309 | Brus, L. E. | 58 | Physical |
| 309 | Car, R. | 58 | Theoretical |
| 309 | Christou, G. | 58 | Inorganic |
| 309 | Dixon, D. A. | 58 | Theoretical |
| 309 | Gladysz, J. A. | 58 | Inorganic |
| 309 | Gross, M. L. | 58 | Analytical |
| 309 | King, D. A. | 58 | Physical |
| 309 | Marshall, A. G. | 58 | Analytical |
| 309 | Mislow, K. | 58 | Inorganic |
| 309 | Sandoff, K. | 58 | Bio |
| 309 | Sargeson, A. M. | 58 | Inorganic |
| 309 | Stillinger, F. A. | 58 | Theoretical |
| 309 | Tully, J. C. | 58 | Theoretical |
| 309 | Valentine, J. S. | 58 | Bio |
| 309 | Vogel, E. | 58 | Organic |

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|-----|----------------------|----|-------------|
| 308 | Werner, H. | 58 | Inorganic |
| 309 | Wieghardt, K. | 58 | Inorganic |
| 332 | Berendsen, H. J. C. | 57 | Theoretical |
| 332 | Berry, R. S. | 57 | Physical |
| 332 | Bruce, M. I. | 57 | Inorganic |
| 332 | Che, C. M. | 57 | Inorganic |
| 332 | Denmark, S. L. | 57 | Organic |
| 332 | Gouterman, M. | 57 | Theoretical |
| 332 | Hay, P. J. | 57 | Theoretical |
| 332 | Hitchcock, P. B. | 57 | Inorganic |
| 332 | Pulay, P. | 57 | Theoretical |
| 332 | Sheldrick, G. M. | 57 | Theoretical |
| 332 | Stillinger, F. H. | 57 | Theoretical |
| 332 | Tour, J. M. | 57 | Organic |
| 332 | Zimmerman, H. E. | 57 | Organic |
| 345 | Bond, A. M. | 56 | Analytical |
| 345 | Brookhart, M. | 56 | Inorganic |
| 345 | Brooks, C. L. | 56 | Theoretical |
| 345 | Coppens, P. | 56 | Physical |
| 345 | Eisenberg, R. | 56 | Inorganic |
| 345 | Furstner, A. | 56 | Organic |
| 345 | Gillespie, R. J. | 56 | Inorganic |
| 345 | Gokel, G. W. | 56 | Organic |
| 345 | Hanessian, S. | 56 | Organic |
| 345 | Hawthorne, M. F. | 56 | Inorganic |
| 345 | Heller, E. J. | 56 | Theoretical |
| 345 | Mallouk, T. E. | 56 | Inorganic |
| 345 | Marshall, J. A. | 56 | Organic |
| 345 | Olmstead, M. M. | 56 | Inorganic |
| 345 | Overman, L. E. | 56 | Organic |
| 345 | Pawliszyn, J. | 56 | Analytical |
| 345 | Power, P. P. | 56 | Inorganic |
| 345 | Rosky, P. J. | 56 | Theoretical |
| 345 | Schmidbaur, H. | 56 | Inorganic |
| 345 | Stang, P. J. | 56 | Organic |
| 345 | Tsuji, J. | 56 | Organic |
| 345 | van Gunsteren, W. F. | 56 | Theoretical |
| 345 | Vögtle, F. | 56 | Organic |
| 345 | Weller, H. | 56 | Physical |
| 369 | Boxer, S. G. | 55 | Physical |
| 369 | Brion, C. E. | 55 | Physical |
| 369 | Chisholm, M. H. | 55 | Inorganic |
| 369 | Clearfield, A. | 55 | Physical |
| 369 | Crooks, R. M. | 55 | Analytical |

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|-----|---------------------|----|-------------|
| 369 | Eigen, M.# | 55 | Physical |
| 369 | Frisch, M. J. | 55 | Theoretical |
| 369 | Heath, J. R. | 55 | Physical |
| 369 | Holmes, A. B. | 55 | Organic |
| 369 | Howard, J. A. K. | 55 | Inorganic |
| 369 | Jarrold, M. F. | 55 | Physical |
| 369 | Kouri, D. J. | 55 | Theoretical |
| 369 | Lin, M. C. | 55 | Physical |
| 369 | Marzilli, L. G. | 55 | Inorganic |
| 369 | Mingos, D. N. P. | 55 | Inorganic |
| 369 | Paldus, J. | 55 | Theoretical |
| 369 | Percec, V. | 55 | Bio |
| 369 | Salahub, D. R. | 55 | Theoretical |
| 369 | Scuseria, G. E. | 55 | Theoretical |
| 369 | Stell, G. | 55 | Theoretical |
| 369 | Toniolo, C. | 55 | Bio |
| 369 | Wennerstrom, H. | 55 | Physical |
| 369 | Withers, S. G. | 55 | Bio |
| 369 | Ziller, J. W. | 55 | Inorganic |
| 393 | Amatore, C. A. | 54 | Analytical |
| 393 | Bock, H. | 54 | Inorganic |
| 393 | Davison, A. | 54 | Inorganic |
| 393 | Fox, M. A. | 54 | Organic |
| 393 | Garrett, B. C. | 54 | Theoretical |
| 393 | Gleiter, R. | 54 | Organic |
| 393 | Gordon, R. G. | 54 | Theoretical |
| 393 | Guiochon, G. | 54 | Analytical |
| 393 | Hammes, G. G. | 54 | Bio |
| 393 | Heathcock, C. H. | 54 | Organic |
| 393 | Hirota, E. | 54 | Physical |
| 393 | Hobza, P. | 54 | Theoretical |
| 393 | Jacox, M. E. | 54 | Physical |
| 393 | Jorgenson, J. W. | 54 | Analytical |
| 393 | Karle, I. L. | 54 | Physical |
| 393 | Kutzelnigg, W. | 54 | Theoretical |
| 393 | Mirkin, C. A. | 54 | Bio |
| 393 | Müller, A. | 54 | Inorganic |
| 393 | Puddephatt, R. J. | 54 | Inorganic |
| 393 | Ravishankara, A. R. | 54 | Physical |
| 393 | Shriver, D. F. | 54 | Inorganic |
| 393 | Silbey, R. | 54 | Theoretical |
| 393 | Suslick, K. S. | 54 | Inorganic |
| 393 | Ungaro, R. | 54 | Organic |
| 393 | van Santen, R. A. | 54 | Physical |

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|-----|--------------------|----|-------------|
| 393 | Whangbo, M. H. | 54 | Theoretical |
| 419 | Allamandola, L. J. | 53 | Physical |
| 419 | Arnett, E.M. | 53 | Organic |
| 419 | Barone, V. | 53 | Theoretical |
| 419 | Depuy, C. H. | 53 | Physical |
| 419 | Doyle, M. P. | 53 | Organic |
| 419 | Erker, G. | 53 | Inorganic |
| 419 | Fayer, M. F. | 53 | Physical |
| 419 | Field, R. W. | 53 | Physical |
| 419 | Herbst, E. | 53 | Theoretical |
| 419 | Hercules, D. M. | 53 | Analytical |
| 419 | Huttner, G. | 53 | Inorganic |
| 419 | Ley, S. V. | 53 | Organic |
| 419 | Montreuil, J. | 53 | Bio |
| 419 | Neidle, S. | 53 | Bio |
| 419 | Orpen, A. G. | 53 | Inorganic |
| 419 | Padwa, A. | 53 | Organic |
| 419 | Rees, D. C. | 53 | Bio |
| 419 | van Bekkum, H. | 53 | Physical |
| 419 | Winnik, M. A. | 53 | Physical |
| 438 | Armes, S. P. | 52 | Physical |
| 438 | Baiker, A. | 52 | Physical |
| 438 | Bartlett, P. A. | 52 | Organic |
| 438 | Curl, R. F.# | 52 | Physical |
| 438 | Curtiss, L. A. | 52 | Theoretical |
| 438 | DiSalvo, F. J. | 52 | Inorganic |
| 438 | Domcke, W. | 52 | Theoretical |
| 438 | Elguero, J. | 52 | Organic |
| 438 | Eschenmoser, A. | 52 | Organic |
| 438 | Folting, K. | 52 | Inorganic |
| 438 | Gomer, R. | 52 | Physical |
| 438 | Kennard, O. | 52 | Bio |
| 438 | Lippert, B. | 52 | Bio |
| 438 | Marletta, M. A. | 52 | Bio |
| 438 | Moller, M. | 52 | Physical |
| 438 | Murrell, J. N. | 52 | Theoretical |
| 438 | Nitzan, A. | 52 | Theoretical |
| 438 | Paulsen, H. | 52 | Bio |
| 438 | Pirkle, W. H. | 52 | Organic |
| 438 | Quack, M. | 52 | Physical |
| 438 | Raithby, P. R. | 52 | Inorganic |
| 438 | Ramsay, D. A. | 52 | Physical |
| 438 | Rosch, N. | 52 | Theoretical |
| 438 | Simons, J. | 52 | Theoretical |

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| 438 | Stubbe, J. | 52 | Bio |
| 438 | Tilley, T. D. | 52 | Inorganic |
| 438 | Tomasi, J. | 52 | Theoretical |
| 438 | Waugh, J. S. | 52 | Physical |
| 438 | Wemmer, D. E. | 52 | Bio |
| 467 | Allara, D. L. | 51 | Analytical |
| 467 | Allcock, H. R. | 51 | Inorganic |
| 467 | Andersen, H. C. | 51 | Theoretical |
| 467 | Andersen, R. A. | 51 | Inorganic |
| 467 | Beak, P. | 51 | Physical |
| 467 | Beckwith, A. L. J. | 51 | Organic |
| 467 | Bennett, M. A. | 51 | Inorganic |
| 467 | Bradshaw, J. S. | 51 | Organic |
| 467 | Brinkman, U. A. T. | 51 | Analytical |
| 467 | Budzikiewicz, H. | 51 | Organic |
| 467 | Carrington, A. | 51 | Physical |
| 467 | Clary, D. C. | 51 | Theoretical |
| 467 | Corbett, J. D. | 51 | Inorganic |
| 467 | Cremer, D. | 51 | Theoretical |
| 467 | Drew, M. G. B. | 51 | Inorganic |
| 467 | Durig, J. R. | 51 | Physical |
| 467 | Ewing, A. G. | 51 | Analytical |
| 467 | Fackler, J. P. | 51 | Inorganic |
| 467 | Fessenden, R. W. | 51 | Physical |
| 467 | Fyfe, C. A. | 51 | Physical |
| 467 | Gellman, S. H. | 51 | Bio |
| 467 | Hecht, S. M. | 51 | Organic |
| 467 | Jonas, J. | 51 | Physical |
| 467 | Jordan, K. D. | 51 | Theoretical |
| 467 | Klinowski, J. | 51 | Physical |
| 467 | Knochel, P. | 51 | Organic |
| 467 | Kobayashi, H. | 51 | Organic |
| 467 | Light, J. C. | 51 | Theoretical |
| 467 | Marahiel, M. A. | 51 | Bio |
| 467 | Metieu, H. | 51 | Theoretical |
| 467 | Moskovits, M. | 51 | Physical |
| 467 | Rabelais, J. W. | 51 | Physical |
| 467 | Randic, M. | 51 | Theoretical |
| 467 | Rauchfuss, T. B. | 51 | Inorganic |
| 467 | Sanders, J. K. | 51 | Organic |
| 467 | Sawyer, D. T. | 51 | Analytical |
| 467 | Scheiner, S. | 51 | Theoretical |
| 467 | Schmidt, R. R. | 51 | Bio |
| 467 | Scoles, G. | 51 | Physical |

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|-----|-------------------|----|-------------|
| 467 | Semmelhack, M. F. | 51 | Organic |
| 467 | Shaik, S. | 51 | Theoretical |
| 467 | Steenken, S. | 51 | Physical |
| 467 | Thirumalai, D. | 51 | Theoretical |
| 467 | Van Dyne, R. P. | 51 | Physical |
| 467 | Vedejs, E. | 51 | Organic |
| 512 | Alder, B. J. | 50 | Theoretical |
| 512 | Avnir, D. | 50 | Physical |
| 512 | Balaram, P. | 50 | Bio |
| 512 | Battersby, A. R. | 50 | Organic |
| 512 | Baughman, R. H. | 50 | Physical |
| 512 | Corriu, R. J. P. | 50 | Organic |
| 512 | Cowley, A. H. | 50 | Inorganic |
| 512 | Enders, D. | 50 | Organic |
| 512 | Epstein, I. R. | 50 | Physical |
| 512 | Feringa, B. L. | 50 | Organic |
| 512 | Frenking, G. | 50 | Theoretical |
| 512 | Fu, G. C. | 50 | Organic |
| 512 | Giese, B. | 50 | Organic |
| 512 | Grieco, P. A. | 50 | Organic |
| 512 | Harris, C. B. | 50 | Physical |
| 512 | Head-Gordon, M. | 50 | Theoretical |
| 512 | Henderson, D. | 50 | Theoretical |
| 512 | Kaeszi, H. D. | 50 | Inorganic |
| 512 | Klinman, J. P. | 50 | Bio |
| 512 | Knobler, C. B. | 50 | Inorganic |
| 512 | Letsinger, R. L. | 50 | Organic |
| 512 | Levy, D. H. | 50 | Physical |
| 512 | Lorimer, G. H. | 50 | Bio |
| 512 | Maitlis, P. M. | 50 | Inorganic |
| 512 | Meunier, B. | 50 | Inorganic |
| 512 | Paddon-Row, M. N. | 50 | Organic |
| 512 | Pileni, M.-P. | 50 | Physical |
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543 chemists in total

denotes Nobel Laureate