
Survey of total citations of IMG scientists by August 15, 2012

Anděra L. Total citations: 1057 (1004 without autocitations)

Most cited paper (123x):

Leveillard T, Andera L, Bissonnette N, Schaeffer L, Bracco L, Egly JM, Wasylyk B. Functional interactions between p53 and the TFIID complex are affected by tumour-associated mutations. *EMBO J.* 1996;15:1615-24.

Other papers cited >50x: 115x, 101x, 74x, 70x, 70x, 57x

Hirsch index *h*: 15

Angelisová P. Total citations: 2097 (2021 without autocitations)

Most cited paper (284x):

Brdicka T, Pavlistová D, Leo A, Bruyns E, Korínek V, Angelisová P, Scherer J, Shevchenko A, Hilgert I, Cerný J, Drbal K, Kuramitsu Y, Kornacker B, Horejsí V, Schraven B. Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase csk and is involved in regulation of T cell activation. *J. Exp. Med.* 2000;191:1591-604.

Other papers cited >50x: 228x, 165x, 158x, 144x, 130x, 92x, 90x, 70x, 70x, 54x, 53x

Hirsch index *h*: 22

Balaščík M. Total citations: 278 (268 without autocitations)

Most cited paper (167x):

Pastorino L, Sun A, Lu PJ, Zhou XZ, Balastik M, Finn G, Wulf G, Lim J, Li SH, Li XJ, Xia WM, Nicholson LK, Lu KP. The prolyl isomerase Pin1 regulates amyloid precursor protein processing and amyloid-beta production. *Nature.* 2006;440:528-534.

Hirsch index *h*: 6

Barnetová I. Total citations: 16 (11 without autocitations)

Most cited paper (9x):

Fulka H, Barnetova I, Mosko T, Fulka J. Epigenetic analysis of human spermatozoa after their injection into ovulated mouse oocytes. *Hum Reprod.* 2008;23:627-634.

Hirsch index *h*: 2

Bartek J. Total citations: 31607 (29957 without autocitations)

Most cited paper (1112x):

Iggo R, Gatter K, Bartek J, Lane D, Harris AL. Increased expression of mutant forms of p53 oncogene in primary lung cancer. *Lancet.* 1990;335:675-9.

Other papers cited >50x: 988x, 870x, 721x, 651x, 563x, 560x, 537x, 530x, 528x, 498x, 446x, 429x, 417x, 382x, 365x, 348x, 329x, 328x, 328x, 320x, 312x, 307x, 305x, 297x, 292x, 288x, 281x, 280x, 279x, 277x, 275x, 269x, 267x, 259x, 257x, 255x, 255x, 247x, 245x, 243x, 233x, 233x, 230x, 227x, 225x, 211x, 209x, 207x, 206x, 194x, 192x, 189x, 188x, 188x, 188x, 186x, 185x, 185x, 183x, 177x, 176x, 176x, 173x, 172x, 172x, 168x, 167x, 167x, 160x, 159x, 154x, 146x, 139x, 137x, 136x, 134x, 132x, 130x, 129x, 123x, 123x, 121x, 119x, 114x, 111x, 109x,

109x, 107x, 106x, 104x, 104x, 99x, 98x, 96x, 93x, 88x, 86x, 85x, 83x, 83x, 81x, 79x, 79x, 77x, 75x, 74x, 74x, 73x, 71x, 70x, 69x, 68x, 67x, 67x, 66x, 64x, 62x, 61x, 61x, 61x, 60x, 59x, 59x, 59x, 58x, 57x, 57x, 57x, 56x, 55x, 55x, 55x, 54x, 54x, 52x, 52x, 51x, 51x, 51x, 50x, 50x, 50x
Hirsch index *h*: **96**

Bartůněk P. Total citations: 701 (608 without autocitations)

Most cited paper (108x):

Saatcioglu F, Bartunek P, Deng T, Zenke M, Karin M. A conserved C-terminal sequence that is deleted in v-ErbA is essential for the biological activities of c-ErbA (the thyroid hormone receptor). *Mol Cell Biol.* 1993;13:3675-85.

Other papers cited >50x: 104x, 90x, 50x

Hirsch index *h*: **14**

Beck I.M. Total citations: 23 (22 without autocitations)

Most cited paper (9x):

Beck IM, Ruckert R, Brandt K, Mueller MS, Sadowski T, Brauer R, Schirmacher P, Mentlein R, Sedlacek R. MMP19 is essential for T cell development and T cell-mediated cutaneous immune responses. *PLoS ONE.* 2008;3:e2343.

Hirsch index *h*: **3**

Blahoš J. Total citations: 1926 (1863 without autocitations)

Most cited paper (380x):

Wenthold RJ, Petralia RS, Blahos J II, Niedzielski AS. Evidence for multiple AMPA receptor complexes in hippocampal CA1/CA2 neurons. *Neurosci.* 1996;16:1982-9.

Other papers cited >50x: 262x, 189x, 174x, 119x, 79x, 65x, 64x, 52x

Hirsch index *h*: **19**

Brdička T. Total citations: 1179 (1142 without autocitations)

Most cited paper (284x):

Brdicka T, Pavlistová D, Leo A, Bruyns E, Korínek V, Angelisová P, Scherer J, Shevchenko A, Hilgert I, Cerný J, Drbal K, Kuramitsu Y, Kornacker B, Horejsí V, Schraven B. Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase csk and is involved in regulation of T cell activation. *J. Exp. Med.* 2000;191:1591-604.

Other papers cited >50x: 228x, 130x, 86x, 70x, 64x, 54x, 53x

Hirsch index *h*: **13**

Brynda J. Total citations: 650 (568 without autocitations)

Most cited paper (105x):

Kmoch S, Brynda J, Asfaw B, Bezouska K, Novak P, Rezacova P, Ondrova L, Filipec M, Sedlacek J, Elleder M. Link between a novel human gamma D-crystallin allele and a Unice cataract phenotype explained by protein crystallography. *Hum. Molec. Genet.* 2000;9:1779-1786.

Other papers cited >50x: 100x, 55x

Hirsch index *h*: **14**

Cvačková Z. Total citations: 168 (166 without autocitations)

Most cited paper (131x):

Hupert M, Muck A, Wang R, Stotter J, Cvackova Z, Haymond S, Show Y, Swain GM. Conductive diamond thin-films in electrochemistry. *Diamond and Related Materials*. 2003;12: 1940-1949.

Hirsch index *h*: 5

Dráber Pa. Total citations: 1502 (987 without autocitations)

Most cited paper (110x):

Viklicky V, Draber P, Hasek J, Bartek J. Production and characterization of a monoclonal antitubulin antibody. *Cell Biol. Int. Rep.* 1982;6:725-31.

Other papers cited >50x: 78x, 72x, 67x, 52x

Hirsch index *h*: 23

Dráber Pe. Total citations: 1994 (1189 without autocitations)

Most cited paper (218x):

Beauchemin N, Draber P, Dveksler G, Gold P, Gray-Owen S, Grunert F, Hammarstrom S, Holmes KV, Karlsson A, Kuroki M, Lin SH, Lucka L, Najjar SM, Neumaier M, Obrink B, Shively JE, Skubitz KM, Stanners CP, Thomas P, Thompson JA, Virji M, von Kleist S, Wagener C, Watt S, Zimmermann W. Redefined nomenclature for members of the carcinoembryonic antigen family. *Exp. Cell Res.* 1999;252:243-249.

Other papers cited >50x: 134x, 121x, 90x, 77x, 71x, 65x, 57x, 50x

Hirsch index *h*: 24

Dráberová E. Total citations: 786 (574 without autocitations)

Most cited paper (71x):

Draberova E, Lukas Z, Ivanyi D, Viklicky V, Draber P. Expression of class III beta-tubulin in normal and neoplastic human tissues. *Histochem Cell Biol.* 1998;109:231-239.

Other papers cited >50x: 67x, 50x

Hirsch index *h*: 16

Dráberová L. Total citations: 1012 (792 without autocitations)

Most cited paper (121x):

Draberova L, Draber P. Thy-1 glycoprotein and src-like protein-tyrosine kinase p53/p56lyn are associated in large detergent-resistant complexes in rat basophilic leukemia cells. *Proc. Natl. Acad. Sci. USA.* 1993;90:3611-5.

Other papers cited >50x: 90x, 77x, 65x, 57x

Hirsch index *h*: 18

Drbal K. Total citations: 1122 (1104 without autocitations)

Most cited paper (284x):

Brdicka T, Pavilstova D, Leo A, Bruyins E, Korinek V, Angelisova P, Scherer J, Shevchenko A, Shevchenko A, Hilgert I, Cerny J, Drbal K, Kuramitsu Y, Kornacker B, Horejsi V, Schraven B. Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel

ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase Csk and is involved in regulation of T cell activation J. Exp. Med. 2000;191: 1591-1604

Other papers cited >50x: 253x, 228x, 53x

Hirsch index *h*: 14

Dvořák M. Total citations: 493 (415 without autocitations)

Most cited paper (51x):

Qian M, Kralova J, Yu WP, Bose HR, Dvorak M, Sanders BG, Kline K. c-Jun involvement in vitamin E succinate induced apoptosis of reticuloendotheliosis virus transformed avian lymphoid cells. Oncogene. 1997;15:223-230.

Hirsch index *h*: 14

Dzijak R. Total citations: 28 (27 without autocitations)

Most cited paper (16x):

Kahle M, Pridalova J, Spacek M, Dzijak R, Hozak P. Nuclear myosin is ubiquitously expressed and evolutionary conserved in vertebrates. Histochem Cell Biol. 2007;127:139-148.

Hirsch index *h*: 2

Epp A.T. Total citations: 75 (73 without autocitations)

Most cited paper (23x):

Epp TA, Dixon IMC, Wang HY, Sole MJ, Liew CC. Structural organization of the human cardiac alpha-myosin heavy-chain gene (MyH6). Genomics. 1993;18:5054-509.

Hirsch index *h*: 4

Fábry M. Total citations: 551 (476 without autocitations)

Most cited paper (93x):

Caras IW, Levinson BB, Fabry M, Williams SR, Martin DW Jr. Cloned mouse ribonucleotide reductase subunit M1 cDNA reveals amino acid sequence homology with Escherichia coli and herpesvirus ribonucleotide reductases. J Biol Chem. 1985;260:7015-22.

Hirsch index *h*: 14

Filipp D. Total citations: 283 (269 without autocitations)

Most cited paper (64x):

Filipp D, Zhang J, Leung BL, Shaw A, Levin SD, Veillette A, Julius M. Regulation of Fyn through translocation of activated Lck into lipid rafts. J Exp Med. 2003;197:1221-1227.

Hirsch index *h*: 8

Forejt J. Total citations: 2155 (1885 without autocitations)

Most cited paper (265x): Churchill GA, Airey C, ..., Forejt J, et al. Complex Trait Consortium. The Collaborative Cross, a community resource for the genetic analysis of complex traits. Nat Genet 2004;36:1133-1137.

Other papers cited >50x: 129x, 113x, 103x, 97x, 85x, 82x, 78x, 71x, 68x, 59x, 53x

Hirsch index *h*: 24

Fousek J. Total citations: 11 (10 without autocitations)

Most cited paper (3x):

Kokoskova B, Mraz I, Janse JD, Fousek J, Jerabkova R. Reliability of diagnostic techniques for determination of *Clavibacter michiganensis* subsp *sepedonicus*. *J Plant Dis Protect.* 2005;112:1-16.

Hirsch index *h*: 2

Geryk J. Total citations: 498 (352 without autocitations)**Most cited paper (39x):**

Svoboda J, Lhotak V, Geryk J, Saule S, Raes MB, Stehelin D. Characterization of exogenous proviral sequences in hamster tumor cell lines transformed by Rous sarcoma virus rescued from XC cells. *Virology.* 1983;128(1):195-209.

Hirsch index *h*: 14

Gregor M. Total citations: 97 (71 without autocitations)**Most cited paper (45x):**

Osmanagic-Myers S, Gregor M, Walko G, Burgstaller G, Reipert S, Wiche G. Plectin-controlled keratin cytoarchitecture affects MAP kinases involved in cellular stress response and migration. *J. Cell Biol.* 2006;174: 557-568.

Hirsch index *h*: 5

Grekov I. Total citations: 19 (9 without autocitations)**Most cited paper (9x):**

Kurey I, Kobets T, Havelkova H, Slapnickova M, Quan L, Trtkova K, Grekov I, Svobodova M, Stassen AP, Hutson A, Demant P, Lipoldova M. Distinct genetic control of parasite elimination, dissemination, and disease after *Leishmania major* infection. *Immunogenetics.* 2009;61:619-633.

Hirsch index *h*: 2

Gusareva E. Total citations: 12 (8 without autocitations)**Most cited paper (5x):**

Gusareva ES, Bragina EJ, Deeva EV, Kazakevich NV, Puzyrev VP, Ogorodova LM, Lipoldova M. Cat is a major allergen in patients with asthma from west Siberia, Russia *Allergy* 2006;509-510.

Hirsch index *h*: 3

Hálová I. Total citations: 31 (29 without autocitations)**Most cited paper (13x):**

Halova I, Draberova L, Draber P. A novel lipid raft-associated glycoprotein, TEC-21, activates rat basophilic leukemia cells independently of the type 1 Fc epsilon receptor. *Int. Immunol.* 2002;14:213-223.

Hirsch index *h*: 3

Hanzlíková (Blažková) H. Total citations: 92 (91 without autocitations)**Most cited paper (29x):**

Fehr D, Casanova C, Liverman A, Blazkova H, Orth K, Dobbelaere D, Frey J, Burr SE. AopP, a type III effector protein of *Aeromonas salmonicida*, inhibits the NF-kappaB signalling pathway. *Microbiology*. 2006;152:2809-18.

Hirsch index *h*: 5

Havlík M. Total citations: 83 (48 without autocitations)

Most cited paper (16x):

Havlik M, Kral V, Kaplanek R, Dolensky B. One-pot reaction as an efficient method for rigid molecular tweezers. *Organic Lett*. 2008;10:4767-4769.

Hirsch index *h*: 6

Hejnar J. Total citations: 600 (494 without autocitations)

Most cited paper (66x):

Pavlicek A, Jabbari K, Paces J, Paces V, Hejnar J, Bernardi G. Similar integration but different stability of Alus and LINEs in the human genome. *Gene*. 2001;276:39-45.

Other papers cited >50x: 57x, 57x

Hirsch index *h*: 15

Hodný Z. Total citations: 666 (625 without autocitations)

Most cited paper (88x):

Kopecky J, Hodny Z, Rossmeisl M, Syrový I, Kozak LP. Reduction of dietary obesity in aP2-Ucp transgenic mice: physiology and adipose tissue distribution. *Am J Physiol*. 1996;270:E768-75.

Other papers cited >50x: 65x, 50x

Hirsch index *h*: 15

Holáň V. Total citations: 1703 (1330 without autocitations)

Most cited paper (151x):

Holan V, Hasek M, Bubenik J, Chutna J. Antigen-mediated macrophage adherence inhibition. *Cell Immunol*. 1974 Jul;13(1):107-16.

Other papers cited >50x: 58x, 58x, 55x

Hirsch index *h*: 21

Hořejší V. Total citations: 8966 (8316 without autocitations)

Most cited paper (796x):

Stefanova I, Horejsi V, Ansotegui IJ, Knapp W, Stockinger H. GPI-anchored cell-surface molecules complexed to protein tyrosine kinases. *Science*. 1991;254:1016-9.

Other papers cited >50x: 322x, 285x, 272x, 236x, 234x, 228x, 158x, 144x, 144x, 142x, 140x, 130x, 116x, 112x, 111x, 106x, 104x, 102x, 100x, 99x, 98x, 95x, 94x, 94x, 93x, 92x, 91x, 90x, 86x, 85x, 80x, 80x, 77x, 74x, 72x, 71x, 70x, 70x, 67x, 66x, 66x, 64x, 63x, 59x, 57x, 56x, 56x, 54x, 54x, 53x, 51x, 51x

Hirsch index *h*: 52

Hozák P. Total citations: 2420 (2268 without autocitations)

Most cited paper (386x):

Hozak P, Hassan AB, Jackson DA, Cook PR. Visualization of replication factories attached to nucleoskeleton. Cell. 1993;73:361-73.

Other papers cited >50x: 219x, 167x, 137x, 137x, 124x, 123x, 97x, 72x, 71x

Hirsch index *h*: **23**

Chalupský K. Total citations: 348 (332 without autocitations)

Most cited paper (115x):

Chalupsky K, Cai H. Endothelial dihydrofolate reductase: Critical for nitric oxide bioavailability and role in angiotensin II uncoupling of endothelial nitric oxide synthase. PNAS USA 2005;102: 9056-9061.

Hirsch index *h*: **10**

Chawengsaksophak K. Total citations: 2060 (2034 without autocitations)

Most cited paper (388x):

Chawengsaksophak K, James R, Hammond VE, Kontgen F, Beck F. Homeosis and intestinal tumours in Cdx2 mutant mice. Nature. 1997;386:84-87.

Other papers cited >50x: 303x, 292x, 248x, 173x, 124x, 119x, 100x, 59x

Hirsch index *h*: **16**

Indrová M. Total citations: 864 (603 without autocitations)

Most cited paper (89x):

Bubenik J, Perlmann P, Indrova M, Simova J, Jandlova T, Neuwirt J. Growth inhibition of Mc-induced mouse sarcoma by TCGF (IL-2)-containing preparations. Cancer Immunol Immunother. 1983;14:205-206.

Other papers cited >50x: 78x, 55x

Hirsch index *h*: **16**

Jansa P. Total citations: 402 (384 without autocitations)

Most cited paper (126x):

Strohner R, Nemeth A, Jansa P, Hofmann-Rohrer U, Santoro R, Langst G, Grummt I. NoRC - a novel member of mammalian ISWI-containing chromatin remodeling machines. EMBO J. 2001;20:4892-4900.

Other papers cited >50x: 73x, 50x

Hirsch index *h*: **10**

Janšćák P. Total citations: 1178 (1081 without autocitations)

Most cited paper (103x):

Garcia PL, Liu Y, Jiricny J, West SC, Janscak P. Human RECQ5beta, a protein with DNA helicase and strand-annealing activities in a single polypeptide. EMBO J. 2004;23:2882-91.

Other papers cited >50x: 85x, 83x, 81x, 74x, 68x, 63x, 54x, 50x, 50x

Hirsch index *h*: **20**

Jindřich J. Total citations: 711 (672 without autocitations)

Most cited paper (203x):

Balzarini, J, Holy, A, Jindrich, J, Naesens, L, Snoeck, R, Schols, D, Declercq, E. Differential antiherpesvirus and antiretrovirus effects of the (s) and (r) enantiomers of acyclic nucleoside phosphonates - potent and selective invitro and invivo antiretrovirus activities of (r)-9-(2-phosphonomethoxypropyl)-2,6-diaminopurine. Antimicrob. Agents Chemother 1993;37:332-338.

Other papers cited >50x: 92x, 78x

Hirsch index *h*: 14

Jiroušková M. Total citations: 511 (492 without autocitations)

Most cited paper (125x):

Palumbo JS, Talmage KE, Massari JV, La Jeunesse CM, Flick MJ, Kombrinck KW, Jirouskova M, Degen JL. Platelets and fibrin(ogen) increase metastatic potential by impeding natural killer cell-mediated elimination of tumor cells. Blood 2005;105:178-185

Other papers cited >50x: 111x

Hirsch index *h*: 12

Jonák J. Total citations: 733 (531 without autocitations)

Most cited paper (56x):

Jonak J, Smrt J, Holy A, Rychlik I. Interaction of Escherichia coli EF-Tu.GTP and EFTu.GDP with analogues of the 3' terminus of aminoacyl-tRNA. Eur J Biochem. 1980;105:315-20.

Hirsch index *h*: 18

Kašpar P. Total citations: 1265 (1259 without autocitations)

Most cited paper (1167x):

Stewart CL, Kaspar P, Brunet LJ, Bhatt H, Gadi I, Kontgen F, Abbondanzo SJ. Blastocyst implantation depends on maternal expression of leukaemia inhibitory factor. Nature. 1992;359:76-9.

Hirsch index *h*: 5

Koberna K. Total citations: 634 (593 without autocitations)

Most cited paper (68x):

Schul W, Groenhout B, Koberna K, Takagaki Y, Jenny A, Manders EMM, Raska I, vanDriel R, deJong L. The RNA 3' cleavage factors CstF 64 kDa and CPSF 100 kDa are concentrated in nuclear domains closely associated with coiled bodies and newly synthesized RNA. EMBO J. 1996;15:2883-2392.

Other papers cited >50x: 67x, 60x, 57x, 53x, 51x, 50x

Hirsch index *h*: 13

Kobets T. Total citations: 21 (12 without autocitations)

Most cited paper (9x):

Kurey I, Kobets T, Havelkova H, Slapnickova M, Quan L, Trtkova K, Grekov I, Svobodova M, Stassen AP, Hutson A, Demant P, Lipoldova M. Distinct genetic control of parasite elimination, dissemination, and disease after Leishmania major infection. Immunogenetics. 2009;61:619-633.

Hirsch index *h*: 3

Kolář M. Total citations: 15 (14 without autocitations)

Most cited paper (9x):

Strnad H, Lacina L, Kolar M, Cada Z, Vlcek C, Dvorankova B, Betka J, Plzak J, Chovanec M, Sachova J, Valach J, Urbanova M, Smetana K Jr. Head and neck squamous cancer stromal fibroblasts produce growth factors influencing phenotype of normal human keratinocytes. *Histochem Cell Biol.* 2010;133:201-211.

Hirsch index *h*: 3

Kořínek V. Total citations: 7505 (7457 without autocitations)

Most cited paper (2260x):

Morin PJ, Sparks AB, Korinek V, Barker N, Clevers H, Vogelstein B, Kinzler KW. Activation of beta-catenin-Tcf signaling in colon cancer by mutations in beta-catenin or APC. *Science.* 1997;275:1787-1790.

Other papers cited >50x: 2018x, 1155x, 741x, 285x, 199x, 197x, 127x, 115x, 107x, 59x

Hirsch index *h*: 16

Kozmík Z. Total citations: 2723 (2595 without autocitations)

Most cited paper (402x):

Adams B, Dorfler P, Aguzzi A, Kozmik Z, Urbanek P, Maurer-Fogy I, Busslinger M. Pax-5 encodes the transcription factor BSAP and is expressed in B lymphocytes, the developing CNS, and adult testis. *Genes Dev.* 1992;6:1589-607.

Other papers cited >50x: 259x, 166x, 153x, 122x, 113x, 110x, 102x, 100x, 82x, 78x, 75x, 73x, 63x, 62x, 52x, 51x

Hirsch index *h*: 25

Králová J. Total citations: 850 (783 without autocitations)

Most cited paper (147x):

Pratt MA, Kralova J, McBurney MW. A dominant negative mutation of the alpha retinoic acid receptor gene in a retinoic acid-nonresponsive embryonal carcinoma cell. *Mol Cell Biol.* 1990;10:6445-53.

Other papers cited >50x: 51x

Hirsch index *h*: 18

Krulová M. Total citations: 331 (271 without autocitations)

Most cited paper (58x):

Sedlacek Z, Kodet R, Kriz V, Seemanova E, Vodvarka P, Wilgenbus P, Mares J, Poustka A, Goetz P. Susceptibility to *Leishmania major* infection in mice: multiple loci and heterogeneity of immunopathological phenotypes. *Genes and Immunity.* 2000;1:200-206.

Hirsch index *h*: 8

Kříž V. Total citations: 189 (180 without autocitations)

Most cited paper (34x):

Lipoldova M, Svobodova M, Krulova M, Havelkova H, Badalova J, Nohynkova E, Holan V, Hart AAM, Volf P, Demant P. Two Li-Fraumeni syndrome families with novel germline p53 mutations: loss of the wild-type p53 allele in only 50% of tumours. *Br J Cancer*. 1998;77:1034-1039.

Hirsch index *h*: 8

Ligasová A. Total citations: 29 (27 without autocitations)

Most cited paper (14x):

Koberna K, Ligasova A, Malinsky J, Pliss A, Siegel AJ, Cvackova Z, Fidlerova H, Masata M, Fialova M, Raska I, Berezney R. Electron microscopy of DNA replication in 3-D: Evidence for similar-sized replication foci throughout S-phase. *J Cell Biochem*. 2005;94:126-138.

Hirsch index *h*: 3

Lipoldová M. Total citations: 580 (380 without autocitations)

Most cited paper (70x):

Angelisova P, Vlcek C, Stefanova I, Lipoldova M, Horejsi V. The human leucocyte surface antigen CD53 is a protein structurally similar to the CD37 and MRC OX-44 antigens. *Immunogenetics*. 1990;32:281-5.

Other papers cited >50x: 58x

Hirsch index *h*: 13

Macůrek L. Total citations: 355 (336 without autocitations)

Most cited paper (131x):

Macurek L, Lindqvist A, Lim D, Lampson MA, Klompmaker R, Freire R, Clouin C, Taylor SS, Yaffe MB, Medema RH. Polo-like kinase-1 is activated by aurora A to promote checkpoint recovery. *Nature* 2008;455:119-U88.

Hirsch index *h*: 10

Machoň O. Total citations: 541 (500 without autocitations)

Most cited paper (96x):

Machon O, Van den Bout CJ, Backman M, Kemler R, Krauss S. Role of beta-catenin in the developing cortical and hippocampal neuroepithelium. *Neuroscience* 2003;122:129-143.

Other papers cited >50x: 88x, 75x, 52x

Hirsch index *h*: 13

Malík R. Total citations: 258 (235 without autocitations)

Most cited paper (64x):

Sebastian T, Malik R, Thomas S, Sage J, Johnson PF. C/EBP beta cooperates with RB:E2F to implement Ras(V12)-induced cellular senescence. *EMBO J*. 2005;24:3301-12.

Hirsch index *h*: 7

Matoušková M. Total citations: 47 (46 without autocitations)

Most cited paper (36x):

Matouskova M, Blazkova J, Pajer P, Pavlicek A, Hejnar J. CpG methylation suppresses transcriptional activity of human syncytin-1 in non-placental tissues. *Exp Cell Res.* 2006;312:1011-1020.

Hirsch index *h*: 3

Mihola O. Total citations: 113 (104 without autocitations)

Most cited paper (82x):

Mihola O, Trachtulec Z, Vlcek C, Schimenti JC, Forejt J. A mouse speciation gene encodes a meiotic histone H3 methyltransferase. *Science* 2009;323:373-375.

Hirsch index *h*: 4

Mikyšková (Hájková) R. Total citations: 322 (277 without autocitations)

Most cited paper (45x):

Bubenik J, Simova J, Hajkova R, Sobota V, Jandlova T, Smahel M, Sobotkova E, Vonka V. Interleukin 2 gene therapy of residual disease in mice carrying tumours induced by HPV 16. *Int J Oncol.* 1999;14:593-7.

Hirsch index *h*: 12

Novotný I. Total citations: 27 (26 without autocitations)

Most cited paper (25x):

Stanek D, Pridalova-Hnilicova J, Novotny I, Huranova M, Blazikova M, Wen X, Sapra AK, Neugebauer KM. Spliceosomal small nuclear ribonucleoprotein particles repeatedly cycle through Cajal bodies. *Mol Biol Cell.* 2008;19:2534-2543.

Hirsch index *h*: 2

Otáhal P. Celkem citací: 137 (131 bez autocitací)

Nejcitovanější publikace (36x):

Bohbot V, Otáhal P, Liu Z, Nadel L, Bures J. Electroconvulsive shock and lidocaine reveal rapid consolidation of spatial working memory in the water maze. *Proc Natl Acad Sci USA.* 1996;93:4016-9.

Hirschův index *h*: 6

Pačes J. Total citations: 810 (786 without autocitations)

Most cited paper (110x):

Kozmik Z, Holland ND, Kalousova A, Paces J, Schubert M, Holland LZ. Characterization of an amphioxus paired box gene, *AmphiPax2/5/8*: developmental expression patterns in optic support cells, nephridium, thyroid-like structures and pharyngeal gill slits, but not in the midbrain-hindbrain boundary region. *Development.* 1999;126:1295-304.

Other papers cited >50x: 95x, 66x, 57x, 54x

Hirsch index *h*: 18

Pačes V. Total citations: 1741 (1631 without autocitations)

Most cited paper (122x):

Ruivenkamp CAL, van Wezel T, Zanon C, Stassen APM, Vlcek C, Csikos T, Klous AM, Tripodis N, Perrakis A, Boerrigter L, Groot PC, Lindeman J, Mooi WJ, Meijjer GA, Scholten G,

Dauwerse H, Paces V, van Zandwijk N, van Ommen GJB, Demant P. Ptp^{rj} is a candidate for the mouse colon-cancer susceptibility locus *Sccl* and is frequently deleted in human cancers. *Nat Genet.* 2002;31:295

Other papers cited >50x: 94x, 85x, 76x, 67x, 66x, 60x, 56x

Hirsch index *h*: 23

Pajer P. Total citations: 196 (182 without autocitations)

Most cited paper (42x):

Kaspar P, Dvorakova M, Kralova J, Pajer P, Kozmik Z, Dvorak M. Myb-interacting protein, ATBF1, represses transcriptional activity of Myb oncoprotein *J Biol Chem* 1999; 274:14422-14428

Hirsch index *h*: 9

Philimonenko V. Total citations: 454 (443 without autocitations)

Most cited paper (137x):

Hofmann WA, Stojiljkovic L, Fuchsova B, Vargas GM, Mavrommatis E, Philimonenko V, Kysela K, Goodrich JA, Lessard JL, Hope TJ, Hozak P, de Lanerolle P. Actin is part of pre-initiation complexes and is necessary for transcription by RNA polymerase II. *Nat Cell Biol.* 2004;6:1094

Other papers cited >50x: 137x

Hirsch index *h*: 11

Plachý J. Total citations: 1413 (1144 without autocitations)

Most cited paper (171x)

Mack M, Kleinschmidt A, Bruhl H, Klier C, Nelson PJ, Cihak J, Plachy J, Stangassinger M, Erfle V, Schlondorff D. Transfer of the chemokine receptor CCR5 between cells by membrane-derived microparticles: A mechanism for cellular human immunodeficiency virus 1 infection. *Nat Med.* 2000;6:769+

Other papers cited >50x: 160x, 101x, 96x, 70x, 62x

Hirsch index *h*: 19

Průková D. Total citations: 19 (18 without autocitations)

Most cited paper (14x):

Pajer P, Pecenka V, Kralova J, Karafiat V, Prukova D, Zemanova Z, Kodet R, Dvorak M. Identification of potential human oncogenes by mapping the common viral integration sites in avian nephroblastoma. *Cancer Res.* 2006;66:78-86.

Hirsch index *h*: 2

Reiniš M. Total citations: 292 (238 without autocitations)

Most cited paper (39x):

Funaro A, Reinis M, Trubiani O, Santi S, Di Primio R, Malavasi F. CD38 functions are regulated through an internalization step. 1984;53:1175-80. *J Immunol.* 1998;160: 2238-2247

Hirsch index *h*: 9

Řezáčová P. Total citations: 493 (442 without autocitations)

Most cited paper (105x):

Kmoch S, Brynda J, Asfaw B, Bezouska K, Novak P, Rezacova P, Ondrova L, Filipec M, Sedlacek J, Elleder M. Link between a novel human gamma D-crystallin allele and a Unice cataract phenotype explained by protein crystallography. *Hum Mol Genet.* 2000;9:1779-1786.

Other papers cited >50x: 100x

Hirsch index *h*: 11

Sedláček J. Total citations: 1006 (885 without autocitations)**Most cited paper (114x):**

Billich S, Knoop MT, Hansen J, Strop P, Sedlacek J, Mertz R, Moelling K. Synthetic peptides as substrates and inhibitors of human immune deficiency virus-1 protease. *J Biol Chem.* 1988;263:17905-8.

Other papers cited >50x: 105x, 100x

Hirsch index *h*: 17

Sedláček R. Total citations: 515 (444 without autocitations)**Most cited paper (150x):**

Abel S, Hundhausen C, Mentlein R, Schulte A, Berkhout TA, Broadway N, Hartmann D, Sedlacek R, Dietrich S, Muetze B, Schuster B, Kallen KJ, Saftig P, Rose-John S, Ludwig A. The transmembrane CXC-chemokine ligand 16 is induced by IFN-gamma and TNF-alpha and shed by the activity of the disintegrin-like metalloproteinase ADAM10. *J Immunol.* 2004;172:6362-72.

Other papers cited >50x: 59x, 51x

Hirsch index *h*: 11

Sedlák D. Total citations: 24 (23 without autocitations)**Most cited paper (10x):**

Kaspar P, Pajer P, Sedlak D, Tamaoki T, Dvorak M. c-Myb inhibits myogenic differentiation through repression of MyoD. *Exp Cell Res.* 2005;309:419-428.

Hirsch index *h*: 3

Schuster B. Total citations: 408 (405 without autocitations)**Most cited paper (150x):**

Abel S, Hundhausen C, Mentlein R, Schulte A, Berkhout TA, Broadway N, Hartmann D, Sedlacek R, Dietrich S, Muetze B, Schuster B, Kallen KJ, Saftig P, Rose-John S, Ludwig A. The transmembrane CXC-chemokine ligand 16 is induced by IFN-gamma and TNF-alpha and shed by the activity of the disintegrin-like metalloproteinase ADAM10. *J Immunol.* 2004;172:6362-72.

Other papers cited >50x: 140x

Hirsch index *h*: 7

Skalníková M. Total citations: 489 (448 without autocitations)**Most cited paper (96x):**

Kozubek M, Kozubek S, Lukasova E, Mareckova A, Bartova E, Skalnikova M, Jergova A. High-resolution cytometry of FISH dots in interphase cell nuclei. *Cytometry* 1999;36:279-293.

Other papers cited >50x: 67x, 56x

Hirsch index *h*: **11**

Sobol M. Total citations: 10 (8 without autocitations)

Most cited paper (6x):

Sobol M, Gonzalez-Camacho F, Rodriguez-Vilarino V, Kordyum E, Medina FJ. Subnucleolar location of fibrillarin and NopA64 in *Lepidium sativum* root meristematic cells is changed in altered gravity. *Protoplasma*. 2006;228:209-19.

Hirsch index *h*: **2**

Staněk D. Total citations: 409 (374 without autocitations)

Most cited paper (92x):

Dundr M, Hebert MD, Karpova TS, Stanek D, Xu HZ, Shpargel KB, Meier UT, Neugebauer KM, Matera AG, Misteli T. In vivo kinetics of Cajal body components. *J Cell Biol*. 2004;164: 831-842.

Other papers cited >50x: 59x, 50x

Hirsch index *h*: **11**

Stepanets V. Total citations: 67 (63 without autocitations)

Most cited paper (34x):

Hejnar J, Hajkova P, Plachy J, Elleder D, Stepanets V, Svoboda J. CpG island protects Rous sarcoma virus-derived vectors integrated into nonpermissive cells from DNA methylation and transcriptional suppression. *Proc Natl Acad Sci USA*. 2001;98:565-569.

Hirsch index *h*: **3**

Strnad H. Total citations: 143 (130 without autocitations)

Most cited paper (36x):

Kozmik Z, Ruzickova J, Jonasova K, Matsumoto Y, Vopalensky P, Kozmikova I, Strnad H, Kawamura S, Piatigorsky J, Paces V, Vlcek C. Assembly of the cnidarian camera-type eye from vertebrate-like components. *Proc. Natl. Acad. Sci. USA* 2008;105:8989-8993.

Hirsch index *h*: **7**

Sulimenko V. Total citations: 218 (184 without autocitations)

Most cited paper (67x):

Drykova D, Cenklova V, Sulimenko V, Volc J, Draber P, Binarova P. Plant gamma-tubulin interacts with alpha beta-tubulin dimers and forms membrane-associated complexes. *Plant Cell*. 2003;15:465-80.

Hirsch index *h*: **9**

Svoboda J. Total citations: 2360 (1708 without autocitations)

Most cited paper (222x):

Svoboda J. Presence of chicken tumour virus in the sarcoma of the adult rat inoculated after birth with Rous sarcoma tissue. *Nature*. 1960 18;186:980-1.

Other papers cited >50x: 170x, 134x, 73x, 65x, 58x, 53x, 50x

Hirsch index *h*: **26**

Svoboda P. Total citations: 1797 (1768 without autocitations)

Most cited paper (298x):

Svoboda P, Stain P, Hayashi H, Schultz RM. Selective reduction of dormant maternal mRNAs in mouse oocytes by RNA interference. *Development*. 2000;127:4147

Other papers cited >50x: 178x, 165x, 146x, 106x, 102x, 87x, 85x, 83x, 75x, 71x, 68x, 64x
Hirsch index *h*: 19

Šenigl F. Total citations: 51 (44 without autocitations)

Most cited paper (22x):

Elleder D, Stepanets V, Melder DC, Senigl F, Geryk J, Pajer P, Plachy J, Hejnar J, Svoboda J, Federspiel MJ. The receptor for the subgroup C avian sarcoma and leukosis viruses, Tvc, is related to mammalian butyrophilins, members of the immunoglobulin superfamily. *J Virol*. 2005;79:10408-19.

Hirsch index *h*: 4

Šímová J. Total citations: 905 (681 without autocitations)

Most cited paper (113x):

Bubenik J, Simova J, Jandlova T. Immunotherapy of cancer using local administration of lymphoid cells transformed by IL-2 cDNA and constitutively producing IL-2. *Immunol Lett*. 1990;23:287-92.

Other papers cited >50x: 105x, 89x

Hirsch index *h*: 16

h: 4

Špegárová (Stremeňová) J. Total citations: 40 (31 without autocitations)

Most cited paper (23x):

Stremenova J, Krepela E, Mares V, Trim J, Dbaly V, Marek J, Vanickova Z, Lisa V, Yea C, Sedo A. Expression and enzymatic activity of dipeptidyl peptidase-IV in human astrocytic tumours are associated with tumour grade. *Int. J. Oncol*. 2007;31:785-792.

Hirsch index *h*: 3

Trachtulec Z. Total citations: 360 (307 without autocitations)

Most cited paper (82x):

Mihola O, Trachtulec Z, Vlcek C, Schimenti JC, Forejt J. A mouse speciation gene encodes a meiotic histone H3 methyltransferase. *Science* 2009;323:373-375. Hirsch **Other papers cited**

>50x: 53x

index *h*: 10

Trejbalová K. Total citations: 168 (162 without autocitations)

Most cited paper (57x):

Blazková J, Trejbalova K, Gondois-Rey F, Halfon P, Philibert P, Guiguen A, Verdin E, Olive D, Van Lint C, Hejnar J, Hirsch I. CpG methylation controls reactivation of HIV from latency. *PLoS Pathogens*. 2009;5: e1000554.

Other papers cited >50x: 53x

Hirsch index *h*: 7

Turečková J. Total citations: 567 (547 without autocitations)

Most cited paper (176x):

Delling U, Tureckova J, Lim HW, De Windt LJ, Rotwein P, Molkenin JD. A calcineurin-NFATc3-dependent pathway regulates skeletal muscle differentiation and slow myosin heavy-chain expression. *Mol Cell Biol.* 2000;20:6600-11.

Other papers cited >50x: 95x, 87x, 65x

Hirsch index *h*: 8

Vlček C. Total citations: 1403 (1234 without autocitations)

Most cited paper (144x):

Horejsi V, Vlcek C. Novel structurally distinct family of leucocyte surface glycoproteins including CD9, CD37, CD53 and CD63. Review. *FEBS Lett.* 1991;288:1-4.

Other papers cited >50x: 122x, 94x, 86x, 82x, 70x, 67x, 60x, 55x

Hirsch index *h*: 21

Vojtěchová M. Total citations: 127 (112 without autocitations)

Most cited paper (21x):

Vojtechova M, Hanson AD, Munoz-Clares RA. Betaine-aldehyde dehydrogenase from amaranth leaves efficiently catalyzes the NAD-dependent oxidation of dimethylsulfoniopropionaldehyde to dimethylsulfoniopropionate. *Arch Biochem Biophys.* 1997;337:81-8.

Hirsch index *h*: 6

Zajícová A. Total citations: 287 (248 without autocitations)

Most cited paper (42x):

Holan V, Kuffova L, Zajicova A, Krulova M, Filipec M, Holler P, Jancarek A. Urocanic acid enhances IL-10 production in activated CD4(+)T cells. *J. Immunol.* 1998;161:3237-3241.

Hirsch index *h*: 10

Zíková M. Total citations: 28 (24 without autocitations)

Most cited paper (15x):

Zikova M, Da Ponte JP, Dastugue B, Jagla K. Patterning of the cardiac outflow region in *Drosophila*. *Proc Natl Acad Sci USA.* 2003;100:12189-94.

Hirsch index *h*: 3