

Survey of total citations of IMG scientists by July 1st, 2011

Anděra L. Total citations: 921

Most cited paper (121x):

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

Other papers cited >50x: 108x, 92x, 68x, 68x, 55x, 52x

Hirsch index *h*: 15

Angelisová P. Total citations: 1974

Most cited paper (266x):

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: 222x, 149x, 149x, 141x, 122x, 90x, 77x, 70x, 68x, 52x

Hirsch index *h*: 21

Bartek J. Total citations: 28339

Most cited paper (1097x):

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: 802x, 718x, 703x, 640x, 533x, 517x, 516x, 482x, 475x, 409x, 404x, 395x, 363x, 363x, 344x, 329x, 327x, 306x, 292x, 288x, 276x, 276x, 273x, 271x, 267x, 255x, 248x, 247x, 246x, 236x, 232x, 231x, 230x, 229x, 222x, 221x, 221x, 221x, 220x, 220x, 217x, 215x, 212x, 206x, 205x, 197x, 191x, 190x, 185x, 184x, 182x, 181x, 179x, 167x, 164x, 163x, 163x, 155x, 154x, 154x, 153x, 153x, 153x, 151x, 150x, 149x, 148x, 144x, 143x, 138x, 138x, 135x, 135x, 133x, 130x, 129x, 126x, 121x, 121x, 120x, 118x, 116x, 111x, 109x, 107x, 106x, 105x, 105x, 105x, 102x, 95x, 95x, 91x, 87x, 84x, 80x, 78x, 76x, 75x, 75x, 74x, 73x, 71x, 71x, 70x, 68x, 67x, 66x, 66x, 66x, 63x, 63x, 60x, 59x, 58x, 58x, 58x, 58x, 57x, 57x, 55x, 55x, 55x, 54x, 54x, 54x, 52x, 52x, 52x, 51x

Hirsch index *h*: 93

Bartůněk P. Total citations: 659

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: 95x, 90x

Hirsch index *h*: 14

Beck I.M. Total citations: 11

Most cited paper (8x):

Beck IM, Müller M, Mentlein R, Sadowski T, Mueller MS, Paus R, Sedlacek R. Matrix metalloproteinase-19 expression in keratinocytes is repressed by transcription factors Tst-1 and Skn-1a: implications for keratinocyte differentiation. *J Invest Dermatol.* 2007;127:1107-14.

Hirsch index *h*: 2

Blahoš J. Total citations: 1798**Most cited paper (353x):**

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: 227x, 169x, 165x, 115x, 73x, 57x, 54x

Hirsch index *h*: 19

Hanzlíková (Blažková) H. Total citations: 56**Most cited paper (23x):**

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*: 4

Blažková J. Total citations: 76**Most cited paper (26x):**

Matousková M, Blazková J, Pajer P, Pavlíček A, Hejnar J. CpG methylation suppresses transcriptional activity of human syncytin-1 in non-placental tissues. *Exp. Cell Res.* 2006;312:1011-20.

Hirsch index *h*: 5

Brdička T. Total citations: 1082**Most cited paper (266x):**

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: 222x, 122x, 71x, 68x, 63x, 52x

Hirsch index *h*: 11

Brynda J. Total citations: 487**Most cited paper (98x):**

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

Other papers cited >50x: 81x

Hirsch index *h*: 12

Castano E. Total citations: 203

Most cited paper (52x):

Castano E, Kleyner Y, Dynlacht BD. Dual cyclin-binding domains are required for p107 to function as a kinase inhibitor. *Mol Cell Biol* 1998;18: 5380-5391.

Hirsch index *h*: 7

Cvačková Z. Total citations: 149**Most cited paper (113x):**

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: 1288**Most cited paper (107x):**

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: 66x, 66x, 55x

Hirsch index *h*: 21

Dráber Pe. Total citations: 1864**Most cited paper (208x):**

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: 125x, 120x, 85x, 70x, 62x, 60x, 56x, 50x

Hirsch index *h*: 24

Dráberová E. Total citations: 702**Most cited paper (66x):**

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: 66x

Hirsch index *h*: 15

Dráberová L. Total citations: 941**Most cited paper (119x):**

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: 84x, 70x, 60x, 56x

Hirsch index *h*: 18

Drábková-Záveská L. Total citations: 90**Most cited paper (42x):**

Drabkova L, Kirschner J, Vlcek C. Comparison of seven DNA extraction and amplification protocols in historical herbarium specimens of Juncaceae. *Plant Mol. Biol. Rep.* 2002;20:161-175.

Hirsch index *h*: 4

Drbal K. Total citations: 1064

Most cited paper (266x):

Brdicka T, Pavilstova D, Leo A, Bruyns 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: 250x, 222x, 52x

Hirsch index *h*: 12

Dvořák M. Total citations: 476

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*: 12

Dvořánková B. Total citations: 475

Most cited paper (65x):

Vodicka P, Smetana K, Dvorankova B, Emerick T, Xu YZ, Ourednik J, Ourednik V, Motlik J Editor(s): Ourednik J; Ourednik V; Sakaguchi DS; NilsenHamilton M. The miniature pig as an animal model in biomedical research. *Annals N Y Acad Sci* 2005; 1049:161-171.

Hirsch index *h*: 12

Fábry M. Total citations: 540

Most cited paper (92x):

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: 250

Most cited paper (59x):

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*: 7

Fišerová J. Total citations: 53

Most cited paper (12x):

Smertenko AP, Kaloriti D, Chang HY, Fiserova J, Opatrny Z, Hussey PJ. The C-Terminal Variable Region Specifies the Dynamic Properties of Arabidopsis Microtubule-Associated Protein MAP65 Isoforms Plant Cell 2008;20:3346-3358.

Hirsch index *h*: 5

Forejt J. Total citations: 2014

Most cited paper (202x): 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: 118x, 105x, 102x, 102x, 85x, 83x, 78x, 68x, 67x, 53x

Hirsch index *h*: 24

Fousek J. Total citations: 6

Most cited paper (3x):

Fousek J, Mraz I, Petrzik K. Comparison of genetic variability between Czech and foreign isolates of phytopathogenic bacteria *Clavibacter michiganensis* subsp *sepedonicus* by Rep-PCR technique. Folia Microbiol. 2002;47:450-454.

Hirsch index *h*: 2

Geryk J. Total citations: 470

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

Most cited paper (34x):

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

Gusareva E. Total citations: 10

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*: 2

Hálová I. Total citations: 31

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

Havlík M. Total citations: 31

Most cited paper (10x):

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*: 3

Hejnar J. Total citations: 496

Most cited paper (61x):

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: 53x

Hirsch index *h*: 15

Hodný Z. Total citations: 567

Most cited paper (78x):

Kopecky J, Hodny Z, Rossmeisl M, Syrovy 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: 63x

Hirsch index *h*: 15

Holáň V. Total citations: 1619

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, 55x, 53x

Hirsch index *h*: 21

Hořejší V. Total citations: 8551

Most cited paper (781x):

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

Other papers cited >50x: 311x, 267x, 267x, 234x, 231x, 222x, 150x, 142x, 141x, 140x, 130x, 123x, 114x, 109x, 105x, 98x, 97x, 95x, 94x, 94x, 94x, 91x, 91x, 90x, 90x, 90x, 83x, 82x, 79x, 77x, 70x, 70x, 70x, 69x, 69x, 68x, 67x, 66x, 63x, 63x, 62x, 60x, 57x, 56x, 56x, 54x, 52x, 51x

Hirsch index *h*: 50

Hozák P. Total citations: 2235

Most cited paper (378x):

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

Other papers cited >50x: 211x, 164x, 123x, 122x, 119x, 109x, 91x, 65x, 64x

Hirsch index *h*: 23

Huranová M. Total citations: 31

Most cited paper (21x):

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

Chalupníková K. Total citations: 11

Most cited paper (7x):

Iwamoto F, Stadler M, Chalupnikova K, Oakeley E, Nagamine Y. Transcription-dependent nucleolar cap localization and possible nuclear fiction of DExH RNA helicase RHAU. Exp Cell Res. 2008;314:1378-1391.

Hirsch index *h*: 2

Chalupský K. Total citations: 273

Most cited paper (90x):

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*: 9

Indrová M. Total citations: 822

Most cited paper (86x):

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, 54x

Hirsch index *h*: 16

Jansa P. Total citations: 358

Most cited paper (107x):

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: 68x

Hirsch index *h*: 10

Janšćák P. Total citations: 1029

Most cited paper (96x):

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: 74x, 68x, 66x, 66x, 65x, 58x, 51x

Hirsch index *h*: 19

Jelínková (Krešlová) J. Total citations: 94

Most cited paper (26x):

Kozmik Z, Holland ND, Kreslova J, Oliveri D, Schubert M, Jonasova K, Holland LZ, Pestarino M, Benes V, Candiani S. Pax-Six-Eya-Dach network during amphioxus

development: conservation in vitro but context specificity in vivo. Dev Biol. 2007;306:143-59.

Hirsch index *h*: 6

Jindřich J. Total citations: 627

Most cited paper (181x):

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: 87x, 75x

Hirsch index *h*: 12

Jiroušková M. Total citations: 409

Most cited paper (95x):

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: 89x

Hirsch index *h*: 11

Jonák J. Total citations: 709

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*: 17

Kašpar P. Total citations: 1182

Most cited paper (1086x):

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

Koc M. Total citations: 29

Most cited paper (5x):

Ehrlichova M, Koc M, Truksa J, Naldova Z, Vaclavikova R, Kovarr J. Cell death induced by taxanes in breast cancer cells: Cytochrome c is released in resistant but not in sensitive cells. Anticancer Res. 2005;25: 4215-4224.

Hirsch index *h*: 4

Kolář M. Total citations: 18

Most cited paper (8x):

Battaglia, D, Kolar, M, Zecchina, R. Minimizing energy below the glass thresholds. Phys. Rev. E 2004;70: Art. No. 036107.

Hirsch index *h*: 2

Kořínek V. Total citations: 6891**Most cited paper** (2114x):

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: 1885x, 1103x, 665x, 267x, 185x, 170x, 119x, 108x, 101x
Hirsch index *h*: 14

Kozmík Z. Total citations: 2495**Most cited paper** (392x):

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: 249x, 162x, 119x, 111x, 107x, 104x, 100x, 97x, 77x, 74x, 65x, 64x, 56x, 56x
Hirsch index *h*: 25

Králová J. Total citations: 766**Most cited paper** (146x):

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*: 16

Krulová M. Total citations: 292**Most cited paper** (53x):

Lipoldova M, Svobodova M, Krulova M, Havelkova H, Badalova J, Nohynkova E, Holan V, Hart AAM, Volf P, Demant 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*: 9

Lipoldová M. Total citations: 506**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: 53x
Hirsch index *h*: 11

Machoň O. Total citations: 438**Most cited paper** (80x):

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: 78x, 56x
Hirsch index *h*: 11

Malík R. Total citations: 194

Most cited paper (54x):

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

Mihola O. Total citations: 74

Most cited paper (49x):

Mihola O, Trachtulec Z, Vlcek C, Schimenti JC, Forejt J. Mouse Speciation Gene Encodes a Meiotic Histone H3 Methyltransferase. Science 2009;323:373-375

Hirsch index *h*: 4

Mikyšková (Hájková) R. Total citations: 310

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

Otáhal P. Total citations: 113

Most cited paper (35x):

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.

Hirsch index *h*: 6

Pačes J. Total citations: 740

Most cited paper (104x):

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: 80x, 61x, 53x

Hirsch index *h*: 16

Pačes V. Total citations: 1619

Most cited paper (109x):

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^{trj} 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: 89x, 83x, 73x, 64x, 61x, 57x, 551x

Hirsch index *h*: 23

Pajer P. Total citations: 167

Most cited paper (39x):

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 A. Total citations: 65**Most cited paper (65x):**

Nowak G, PesticDragovich L, Hozak P, Philimonenko A, Simerly C, Schatten G, deLanerolle P. Evidence for the presence of myosin I in the nucleus. J. Biol. Chem. 1997;272: 17176-17181.

Hirsch index *h*: 1

Philimonenko V. Total citations: 387**Most cited paper (123x):**

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

Hirsch index *h*: 9

Plachý J. Total citations: 1291**Most cited paper (145x)**

Mack M, Cihak J, Simonis C, Luckow B, Proudfoot AEI, Plachy J, Bruhl H, Frink M, Anders HJ, Vielhauer V, Pfirstinger J, Stangassinger M, Schlondorf D. Expression and characterization of the chemokine receptors CCR2 and CCR5 in mice. J. Immunol. 2001;166:4697-4704.

Other papers cited >50x: 144x, 98x, 88x, 68x, 62x

Hirsch index *h*: 19

Průková D. Total citations: 16**Most cited paper (12x):**

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: 259**Most cited paper (37x):**

Funaro A, Reiniš 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

Růžičková J. Total citations: 266**Most cited paper (100x)**

Flachs P, Mohamed-Ali V, Horakova O, Rossmeisl M, Hosseinzadeh-Attar MJ, Hensler M, Ruzickova J, Kopecky J. Polyunsaturated fatty acids of marine origin induce adiponectin in mice fed a high-fat diet. Diabetologia. 2006;49:394-397.

Hirsch index *h*: 6

Řezáčová P. Total citations: 348

Most cited paper (99x):

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: 82x

Hirsch index *h*: 10

Sedláček J. Total citations: 961

Most cited paper (112x):

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: 99x, 82x

Hirsch index *h*: 16

Sedláček R. Total citations: 437

Most cited paper (130x):

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.

Hirsch index *h*: 10

Shevelev I. Total citations: 477

Most cited paper (67x):

Maga G, Villani G, Ramadan K, Shevelev I, Le Gac NT, Blanco L, Blanca G, Spadari S, Hubscher U. Human DNA polymerase lambda functionally and physically interacts with proliferating cell nuclear antigen in normal and translesion DNA synthesis. *J Biol Chem.* 2002;277:48434-40.

Other papers cited >50x: 60x

Hirsch index *h*: 14

Skalníková M. Total citations: 461

Most cited paper (89x):

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: 61x, 51x

Hirsch index *h*: 11

Sobol M. Total citations: 11

Most cited paper (5x):

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: 415

Most cited paper (83x):

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: 69x, 52x

Hirsch index *h*: 10

Stepanets V. Total citations: 57

Most cited paper (31x):

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

Stremeňová J. Total citations: 23

Most cited paper (15x):

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*: 2

Strnad H. Total citations: 73

Most cited paper (12x):

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*: 3

Sulimenko V. Total citations: 178

Most cited paper (54x):

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: 2357

Most cited paper (220x):

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: 169x, 134x, 72x, 65x, 58x, 53x

Hirsch index *h*: 26

Svoboda P. Total citations: 1370

Most cited paper (248x):

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: 127x, 124x, 124x, 87x, 79x, 72x, 70x, 69x, 64x, 61x, 58x

Hirsch index *h*: 17

Šenigl F. Total citations: 36

Most cited paper (16x):

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

Šimová J. Total citations: 875

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: 104x, 86x

Hirsch index *h*: 15

Šimová Š. Total citations: 212

Most cited paper (109x):

Jarolim P, Shayakul C, Prabakaran D, Jiang LW, Stuart-Tilley A, Rubin HL, Simova S, Zavadil J, Herrin JT, Brouillette J, Somers MJG, Seemanova E, Brugnara C, Guay-Woodford LM, Alper SL. Autosomal dominant distal renal tubular acidosis is associated in three families with heterozygosity for the R589H mutation in the AE1 (band 3) Cl-/HCO₃- exchanger. *J. Biol. Chem*. 1998;273: 6380-6388.

Other papers cited >50x: 70x

Hirsch index *h*: 15

Trachtulec Z. Total citations: 308

Most cited paper (53x):

Trachtulec Z, Hamvas RJM, Forejt J, Lehrach H, Vincek V, Klein J. Linkage of TATA-binding protein and Proteasome subunit C5 genes in mice and humans reveals synteny conserved between mammals and invertebrates. *Genomics*. 1997;44:1-7.

Hirsch index *h*: 10

Trejbalová K. Total citations: 122

Most cited paper (53x):

Vodicka P, Vodickova L, Trejbalova K, Sram RJ, Hemminki K. Persistence of O6-guanine DNA adducts in styrene-exposed lamination workers determined by 32P-postlabelling. *Carcinogenesis*. 1994;15:1949-53.

Hirsch index *h*: 7

Turečková J. Total citations: 478

Most cited paper (162x):

Delling U, Tureckova J, Lim HW, De Windt LJ, Rotwein P, Molkentin 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: 88x, 81x, 63x

Hirsch index *h*: **6**

Viček C. Total citations: 1208

Most cited paper (140x):

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: 109x, 89x, 70x, 64x, 64x, 57x

Hirsch index *h*: **19**

Vojtěchová M. Total citations: 102

Most cited paper (20x):

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

Hirsch index *h*: **6**

Zajícová A. Total citations: 236

Most cited paper (40x):

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*: **9**

Zíková M. Total citations: 27

Most cited paper (14x):

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**