

Werner W Franke

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#	Paper	IF	Citations
318	The catalog of human cytokeratins: patterns of expression in normal epithelia, tumors and cultured cells. <i>Cell</i> , 1982 , 31, 11-24	56.2	4702
317	Identification and localization of synaptophysin, an integral membrane glycoprotein of Mr 38,000 characteristic of presynaptic vesicles. <i>Cell</i> , 1985 , 41, 1017-28	56.2	1281
316	Plakoglobin: a protein common to different kinds of intercellular adhering junctions. <i>Cell</i> , 1986 , 46, 1063-73	56.2	671
315	Widespread occurrence of intermediate-sized filaments of the vimentin-type in cultured cells from diverse vertebrates. <i>Experimental Cell Research</i> , 1979 , 123, 25-46	4.2	606
314	Diversity of cytokeratins. Differentiation specific expression of cytokeratin polypeptides in epithelial cells and tissues. <i>Journal of Molecular Biology</i> , 1981 , 153, 933-59	6.5	553
313	Antibody to prekeratin. Decoration of tonofilament like arrays in various cells of epithelial character. <i>Experimental Cell Research</i> , 1978 , 116, 429-45	4.2	441
312	Localization of xanthine oxidase in mammary-gland epithelium and capillary endothelium. <i>Cell</i> , 1981 , 25, 67-82	56.2	379
311	Patterns of expression and organization of cytokeratin intermediate filaments. <i>Annals of the New York Academy of Sciences</i> , 1985 , 455, 282-306	6.5	349
310	Formation of cytoskeletal elements during mouse embryogenesis. Intermediate filaments of the cytokeratin type and desmosomes in preimplantation embryos. <i>Differentiation</i> , 1980 , 17, 161-79	3.5	332
309	Identification and characterization of epithelial cells in mammalian tissues by immunofluorescence microscopy using antibodies to prekeratin. <i>Differentiation</i> , 1979 , 15, 7-25	3.5	322
308	Tight junction-related structures in the absence of a lumen: occludin, claudins and tight junction plaque proteins in densely packed cell formations of stratified epithelia and squamous cell carcinomas. <i>European Journal of Cell Biology</i> , 2003 , 82, 385-400	6.1	318
307	Complex cytokeratin polypeptide patterns observed in certain human carcinomas. <i>Differentiation</i> , 1983 , 23, 256-69	3.5	308
306	Desmosomal plakophilin 2 as a differentiation marker in normal and malignant tissues. <i>Differentiation</i> , 1999 , 64, 277-90	3.5	294
305	Hormonal doping and androgenization of athletes: a secret program of the German Democratic Republic government. <i>Clinical Chemistry</i> , 1997 , 43, 1262-1279	5.5	292
304	Cell type heterogeneity of cytokeratin expression in complex epithelia and carcinomas as demonstrated by monoclonal antibodies specific for cytokeratins nos. 4 and 13. <i>Experimental Cell Research</i> , 1986 , 162, 97-113	4.2	285
303	Drebrin is a widespread actin-associating protein enriched at junctional plaques, defining a specific microfilament anchorage system in polar epithelial cells. <i>European Journal of Cell Biology</i> , 1999 , 78, 767-78	6.1	283
302	Structure and assembly properties of the intermediate filament protein vimentin: the role of its head, rod and tail domains. <i>Journal of Molecular Biology</i> , 1996 , 264, 933-53	6.5	271

301	Biochemical and immunological identification of cytokeratin proteins present in hepatocytes of mammalian liver tissue. <i>Experimental Cell Research</i> , 1981 , 131, 299-318	4.2	266
300	Drebrin particles: components in the ensemble of proteins regulating actin dynamics of lamellipodia and filopodia. <i>European Journal of Cell Biology</i> , 2001 , 80, 567-79	6.1	259
299	Desmosomes and hemidesmosomes: constitutive molecular components. <i>Annual Review of Cell Biology</i> , 1990 , 6, 461-91		258
298	Microinjection of actin-binding proteins and actin antibodies demonstrates involvement of nuclear actin in transcription of lampbrush chromosomes. <i>Cell</i> , 1984 , 39, 111-22	56.2	258
297	Simultaneous glutaraldehyde-osmium tetroxide fixation with postosmication. An improved fixation procedure for electron microscopy of plant and animal cells. <i>Histochemie Histochemistry Histochemie</i> , 1969 , 19, 162-4		255
296	Cell biological and biochemical characterization of drebrin complexes in mesangial cells and podocytes of renal glomeruli. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 1452-63	12.7	253
295	Organization and formation of the tight junction system in human epidermis and cultured keratinocytes. <i>European Journal of Cell Biology</i> , 2002 , 81, 253-63	6.1	246
294	Membrane flow and interconversions among endomembranes. <i>BBA - Biomembranes</i> , 1979 , 559, 71-52		233
293	Formation of cytoskeletal elements during mouse embryogenesis. III. Primary mesenchymal cells and the first appearance of vimentin filaments. <i>Differentiation</i> , 1982 , 23, 43-59	3.5	231
292	Keratin 9 gene mutations in epidermolytic palmoplantar keratoderma (EPPK). <i>Nature Genetics</i> , 1994 , 6, 174-9	36.3	230
291	Patterns of expression of trichocytic and epithelial cytokeratins in mammalian tissues. I. Human and bovine hair follicles. <i>Differentiation</i> , 1988 , 37, 137-57	3.5	230
290	Nuclear lamins and cytoplasmic intermediate filament proteins: a growing multigene family. <i>Cell</i> , 1987 , 48, 3-4	56.2	229
289	HeLa cells contain intermediate-sized filaments of the prekeratin type. <i>Experimental Cell Research</i> , 1979 , 118, 95-109	4.2	226
288	Identification of Merkel cells in human skin by specific cytokeratin antibodies: changes of cell density and distribution in fetal and adult plantar epidermis. <i>Differentiation</i> , 1984 , 28, 136-54	3.5	224
287	Cytoskeletal components of lymphoid organs. I. Synthesis of cytokeratins 8 and 18 and desmin in subpopulations of extrafollicular reticulum cells of human lymph nodes, tonsils, and spleen. <i>Differentiation</i> , 1987 , 36, 145-63	3.5	221
286	Rearrangement of the vimentin cytoskeleton during adipose conversion: formation of an intermediate filament cage around lipid globules. <i>Cell</i> , 1987 , 49, 131-41	56.2	219
285	Requirement of plakophilin 2 for heart morphogenesis and cardiac junction formation. <i>Journal of Cell Biology</i> , 2004 , 167, 149-60	7.3	218
284	A complex of EpCAM, claudin-7, CD44 variant isoforms, and tetraspanins promotes colorectal cancer progression. <i>Molecular Cancer Research</i> , 2007 , 5, 553-67	6.6	215

283	Biochemical and immunological characterization of desmoplakins I and II, the major polypeptides of the desmosomal plaque. <i>Journal of Molecular Biology</i> , 1983 , 163, 647-71	6.5	214
282	Formation of cytoskeletal elements during mouse embryogenesis. II. Epithelial differentiation and intermediate-sized filaments in early postimplantation embryos. <i>Differentiation</i> , 1981 , 20, 203-16	3.5	211
281	Identification of the ubiquitous human desmoglein, Dsg2, and the expression catalogue of the desmoglein subfamily of desmosomal cadherins. <i>Experimental Cell Research</i> , 1994 , 211, 391-9	4.2	210
280	Cell type-specific expression of nuclear lamina proteins during development of <i>Xenopus laevis</i> . <i>Cell</i> , 1985 , 41, 177-90	56.2	203
279	Identification of protein p270/Tpr as a constitutive component of the nuclear pore complex-attached intranuclear filaments. <i>Journal of Cell Biology</i> , 1997 , 136, 515-29	7.3	200
278	Separation of cytokeratin polypeptides by gel electrophoretic and chromatographic techniques and their identification by immunoblotting. <i>Methods in Enzymology</i> , 1986 , 134, 355-71	1.7	200
277	Heterotypic tetramer (A2D2) complexes of non-epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. <i>Journal of Molecular Biology</i> , 1984 , 178, 365-88	6.5	192
276	Distribution of vimentin and desmin filaments in smooth muscle tissue of mammalian and avian aorta. <i>Experimental Cell Research</i> , 1982 , 137, 329-40	4.2	188
275	The area composita of adhering junctions connecting heart muscle cells of vertebrates. I. Molecular definition in intercalated disks of cardiomyocytes by immunoelectron microscopy of desmosomal proteins. <i>European Journal of Cell Biology</i> , 2006 , 85, 69-82	6.1	187
274	Tubular and filamentous structures in pollen tubes: Possible involvement as guide elements in protoplasmic streaming and vectorial migration of secretory vesicles. <i>Planta</i> , 1972 , 105, 317-41	4.7	187
273	Desmosomal cadherins: another growing multigene family of adhesion molecules. <i>Current Opinion in Cell Biology</i> , 1994 , 6, 682-7	9	186
272	The complement of native alpha-keratin polypeptides of hair-forming cells: a subset of eight polypeptides that differ from epithelial cytokeratins. <i>Differentiation</i> , 1986 , 32, 101-19	3.5	184
271	Tight junctions and compositionally related junctional structures in mammalian stratified epithelia and cell cultures derived therefrom. <i>European Journal of Cell Biology</i> , 2002 , 81, 419-35	6.1	183
270	Synaptophysin: a novel marker for neurons, certain neuroendocrine cells, and their neoplasms. <i>Human Pathology</i> , 1986 , 17, 979-83	3.7	173
269	Differences of expression of cytoskeletal proteins in cultured rat hepatocytes and hepatoma cells. <i>Experimental Cell Research</i> , 1981 , 134, 345-65	4.2	172
268	Antibodies to high molecular weight polypeptides of desmosomes: specific localization of a class of junctional proteins in cells and tissue. <i>Differentiation</i> , 1981 , 20, 217-41	3.5	172
267	Patterns of expression of trichocytic and epithelial cytokeratins in mammalian tissues. II. Concomitant and mutually exclusive synthesis of trichocytic and epithelial cytokeratins in diverse human and bovine tissues (hair follicle, nail bed and matrix, lingual papilla, thymic reticulum). <i>Differentiation</i> , 1988 , 37, 215-30	3.5	171
266	Characterization of the colchicine binding of membrane fractions from rat and mouse liver. <i>Journal of Cell Biology</i> , 1974 , 60, 297-303	7.3	170

265	The human gene encoding cytokeratin 20 and its expression during fetal development and in gastrointestinal carcinomas. <i>Differentiation</i> , 1993 , 53, 75-93	3.5	169
264	Monoclonal antibodies to various acidic (type I) cytokeratins of stratified epithelia. Selective markers for stratification and squamous cell carcinomas. <i>Differentiation</i> , 1986 , 31, 141-53	3.5	169
263	Nuclear membranes from mammalian liver. I. Isolation procedure and general characterization. <i>Journal of Cell Biology</i> , 1970 , 46, 379-95	7.3	168
262	Contributions of cytoplasmic domains of desmosomal cadherins to desmosome assembly and intermediate filament anchorage. <i>Cell</i> , 1993 , 72, 561-74	56.2	164
261	Cytokeratins in certain endothelial and smooth muscle cells of two taxonomically distant vertebrate species, <i>Xenopus laevis</i> and man. <i>Differentiation</i> , 1987 , 36, 234-54	3.5	163
260	Soluble acidic complexes containing histones H3 and H4 in nuclei of <i>Xenopus laevis</i> oocytes. <i>Cell</i> , 1982 , 29, 799-809	56.2	160
259	Cell type-specific desmosomal plaque proteins of the plakoglobin family: plakophilin 1 (band 6 protein). <i>Differentiation</i> , 1994 , 58, 113-31	3.5	157
258	Spontaneous losses of control of cytokeratin gene expression in transformed, non-epithelial human cells occurring at different levels of regulation. <i>Cell</i> , 1989 , 59, 67-79	56.2	157
257	Identification of a nonapeptide motif in the vimentin head domain involved in intermediate filament assembly. <i>Journal of Molecular Biology</i> , 1992 , 223, 637-50	6.5	154
256	Plakophilins 1a and 1b: widespread nuclear proteins recruited in specific epithelial cells as desmosomal plaque components. <i>Cell and Tissue Research</i> , 1997 , 290, 481-99	4.2	153
255	Simultaneous expression of two different types of intermediate sized filaments in mouse keratinocytes proliferating in vitro. <i>Differentiation</i> , 1979 , 14, 35-50	3.5	150
254	Desmoplakins of epithelial and myocardial desmosomes are immunologically and biochemically related. <i>Differentiation</i> , 1982 , 23, 115-27	3.5	150
253	Cytokeratins in normal lung and lung carcinomas. I. Adenocarcinomas, squamous cell carcinomas and cultured cell lines. <i>Vigiliae Christianae</i> , 1984 , 45, 407-29	0.2	145
252	Argyrophilic nuclear and nucleolar proteins of <i>Xenopus laevis</i> oocytes identified by gel electrophoresis. <i>Experimental Cell Research</i> , 1982 , 137, 341-51	4.2	143
251	Outer mitochondrial membrane continuous with endoplasmic reticulum. <i>Protoplasma</i> , 1971 , 73, 35-41	3.4	138
250	Reconstitution of intermediate-sized filaments from denatured monomeric vimentin. <i>Journal of Molecular Biology</i> , 1981 , 149, 285-306	6.5	135
249	Discovering the molecular components of intercellular junctions--a historical view. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009 , 1, a003061	10.2	134
248	The cell-cell adhesion molecule EpCAM interacts directly with the tight junction protein claudin-7. <i>Experimental Cell Research</i> , 2005 , 309, 345-57	4.2	133

247	Loss of desmoglein 2 suggests essential functions for early embryonic development and proliferation of embryonal stem cells. <i>European Journal of Cell Biology</i> , 2002 , 81, 592-8	6.1	132
246	Intermediate filaments of the vimentin-type and the cytokeratin-type are distributed differently during mitosis. <i>Experimental Cell Research</i> , 1980 , 129, 149-65	4.2	130
245	Molecular interactions in intermediate-sized filaments revealed by chemical cross-linking. Heteropolymers of vimentin and glial filament protein in cultured human glioma cells. <i>FEBS Journal</i> , 1983 , 132, 477-84		130
244	Cytokeratin 8 protects from hepatotoxicity, and its ratio to cytokeratin 18 determines the ability of hepatocytes to form Mallory bodies. <i>American Journal of Pathology</i> , 2000 , 156, 1263-74	5.8	124
243	Characterization of human cytokeratin 2, an epidermal cytoskeletal protein synthesized late during differentiation. <i>Experimental Cell Research</i> , 1992 , 202, 132-41	4.2	124
242	Scale formation in chrysophycean algae. I. Cellulosic and noncellulosic wall components made by the Golgi apparatus. <i>Journal of Cell Biology</i> , 1970 , 45, 246-71	7.3	122
241	A major soluble acidic protein located in nuclei of diverse vertebrate species. <i>Experimental Cell Research</i> , 1980 , 129, 167-89	4.2	121
240	The ultrastructure of the nuclear envelope of amphibian oocytes: a reinvestigation. I. The mature oocyte. <i>Journal of Ultrastructure Research</i> , 1970 , 30, 288-316		119
239	Localization of cytokeratins in tissues of the rainbow trout: fundamental differences in expression pattern between fish and higher vertebrates. <i>Differentiation</i> , 1988 , 39, 97-122	3.5	118
238	The area composita of adhering junctions connecting heart muscle cells of vertebrates. II. Colocalizations of desmosomal and fascia adhaerens molecules in the intercalated disk. <i>European Journal of Cell Biology</i> , 2006 , 85, 469-85	6.1	117
237	Pathology of cytoskeleton of liver cells: demonstration of mallory bodies (alcoholic hyalin) in murine and human hepatocytes by immunofluorescence microscopy using antibodies to cytokeratin polypeptides from hepatocytes. <i>Hepatology</i> , 1981 , 1, 9-20	11.2	117
236	Spatial distribution of proteins specific for desmosomes and adhaerens junctions in epithelial cells demonstrated by double immunofluorescence microscopy. <i>Differentiation</i> , 1983 , 23, 189-205	3.5	116
235	Expression of glial filament protein (GFP) in nerve sheaths and non-neural cells re-examined using monoclonal antibodies, with special emphasis on the co-expression of GFP and cytokeratins in epithelial cells of human salivary gland and pleomorphic adenomas. <i>Differentiation</i> , 1986 , 31, 206-27	3.5	115
234	Differential location of different types of intermediate-sized filaments in various tissues of the chicken embryo. <i>Differentiation</i> , 1979 , 15, 27-40	3.5	112
233	Cytokeratin patterns of human oral epithelia: differences in cytokeratin synthesis in gingival epithelium and the adjacent alveolar mucosa. <i>Differentiation</i> , 1985 , 30, 123-9	3.5	111
232	On the universality of nuclear pore complex structure. <i>Cell and Tissue Research</i> , 1970 , 105, 405-29	4.2	111
231	The major polypeptides of the nuclear pore complex. <i>Experimental Cell Research</i> , 1978 , 116, 85-102	4.2	109
230	The cell adhesion molecule M-cadherin is not essential for muscle development and regeneration. <i>Molecular and Cellular Biology</i> , 2002 , 22, 4760-70	4.8	107

229	A novel cell-cell junction system: the cortex adhaerens mosaic of lens fiber cells. <i>Journal of Cell Science</i> , 2003 , 116, 4985-95	5.3	105
228	Ubiquitous soluble Mg(2+)-ATPase complex. A structural study. <i>Journal of Molecular Biology</i> , 1992 , 223, 557-71	6.5	105
227	Characterization of dimer subunits of intermediate filament proteins. <i>Journal of Molecular Biology</i> , 1986 , 192, 337-49	6.5	105
226	Synthesis and turnover of membrane proteins in rat liver: an examination of the membrane flow hypothesis. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1971 , 26, 1031-9	1	105
225	Detection of the human organic anion transporters SLC21A6 (OATP2) and SLC21A8 (OATP8) in liver and hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2003 , 83, 527-38	5.9	103
224	Cytokeratin expression in simple epithelia. III. Detection of mRNAs encoding human cytokeratins nos. 8 and 18 in normal and tumor cells by hybridization with cDNA sequences in vitro and in situ. <i>Differentiation</i> , 1986 , 33, 69-85	3.5	101
223	Isolation and characterization of hemidesmosomes from bovine corneal epithelial cells. <i>Experimental Cell Research</i> , 1991 , 192, 622-30	4.2	100
222	Identification and localization of a neurally expressed member of the plakoglobin/armadillo multigene family. <i>Differentiation</i> , 1997 , 61, 293-304	3.5	97
221	Molecular characterization of the body site-specific human epidermal cytokeratin 9: cDNA cloning, amino acid sequence, and tissue specificity of gene expression. <i>Differentiation</i> , 1993 , 55, 57-71	3.5	97
220	Identification of two types of keratin polypeptides within the acidic cytokeratin subfamily I. <i>Journal of Molecular Biology</i> , 1984 , 179, 257-81	6.5	97
219	Cessation of cytokeratin expression in a rat hepatoma cell line lacking differentiated functions. <i>Nature</i> , 1983 , 305, 730-3	50.4	97
218	Complexus adhaerentes, a new group of desmoplakin-containing junctions in endothelial cells: II. Different types of lymphatic vessels. <i>Differentiation</i> , 1994 , 57, 97-117	3.5	95
217	Cell type-specific differences in protein composition of nuclear pore complex-lamina structures in oocytes and erythrocytes of <i>Xenopus laevis</i> . <i>Journal of Molecular Biology</i> , 1981 , 151, 121-41	6.5	95
216	De novo synthesis and specific assembly of keratin filaments in nonepithelial cells after microinjection of mRNA for epidermal keratin. <i>Cell</i> , 1983 , 32, 1125-37	56.2	94
215	Relationship of nuclear membranes with filaments and microtubules. <i>Protoplasma</i> , 1971 , 73, 263-92	3.4	94
214	Identification of an orthologous mammalian cytokeratin gene. High degree of intron sequence conservation during evolution of human cytokeratin 10. <i>Journal of Molecular Biology</i> , 1988 , 204, 841-56	6.5	93
213	The interphase distribution of satellite DNA-containing heterochromatin in mouse nuclei. <i>Chromosoma</i> , 1972 , 39, 443-56	2.8	92
212	Transient coexpression of desmin and cytokeratins 8 and 18 in developing myocardial cells of some vertebrate species. <i>Differentiation</i> , 1988 , 38, 177-93	3.5	91

211	Load-reducing therapy prevents development of arrhythmogenic right ventricular cardiomyopathy in plakoglobin-deficient mice. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 740-50	15.1	86
210	The arm-repeat protein NPRAP (neurojungin) is a constituent of the plaques of the outer limiting zone in the retina, defining a novel type of adhering junction. <i>Experimental Cell Research</i> , 1999 , 250, 452-64	4.2	86
209	Topogenesis and sorting of synaptophysin: synthesis of a synaptic vesicle protein from a gene transfected into nonneuroendocrine cells. <i>Cell</i> , 1989 , 59, 433-46	56.2	86
208	Extensive changes in cytokeratin expression patterns in pathologically affected human gingiva. <i>Vigiliae Christianae</i> , 1989 , 58, 59-77	0.2	85
207	The ultrastructure of the nuclear envelope of amphibian oocytes: a reinvestigation. II. The immature oocyte and dynamic aspects. <i>Journal of Ultrastructure Research</i> , 1970 , 30, 317-27		83
206	Isolated nuclear membranes. <i>Journal of Cell Biology</i> , 1966 , 31, 619-23	7.3	83
205	Identification of the junctional plaque protein plakophilin 3 in cytoplasmic particles containing RNA-binding proteins and the recruitment of plakophilins 1 and 3 to stress granules. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1388-98	3.5	82
204	DNA cloning and amino acid sequence determination of a major constituent protein of mammalian nucleoli. Correspondence of the nucleoplasmin-related protein NO38 to mammalian protein B23. <i>Chromosoma</i> , 1988 , 96, 417-26	2.8	82
203	Formation of epidermal and dermal Merkel cells during human fetal skin development. <i>Journal of Investigative Dermatology</i> , 1986 , 87, 779-87	4.3	80
202	Identification of a widespread nuclear actin binding protein. <i>Nature</i> , 1989 , 342, 822-5	50.4	79
201	Different patterns of cytokeratin expression in the normal epithelia of the upper respiratory tract. <i>Differentiation</i> , 1985 , 30, 130-40	3.5	79
200	Lengths and patterns of transcriptional units in the amplified nucleoli of oocytes of <i>Xenopus laevis</i> . <i>Chromosoma</i> , 1977 , 60, 147-67	2.8	79
199	Compositionally different desmosomes in the various compartments of the human hair follicle. <i>Differentiation</i> , 1998 , 63, 295-304	3.5	77
198	A monoclonal antibody against nuclear lamina proteins reveals cell type-specificity in <i>Xenopus laevis</i> . <i>Experimental Cell Research</i> , 1984 , 150, 47-59	4.2	76
197	Constitutive aggregates of intermediate-sized filaments of the vimentin and cytokeratin type in cultured hepatoma cells and their dispersal by butyrate. <i>Experimental Cell Research</i> , 1980 , 127, 215-35	4.2	76
196	Molecular nature of calicin, a major basic protein of the mammalian sperm head cytoskeleton. <i>Experimental Cell Research</i> , 1995 , 219, 407-13	4.2	75
195	Nuclear Membranes and Plasma Membranes from Hen Erythrocytes. <i>Journal of Biological Chemistry</i> , 1971 , 246, 2986-2995	5.4	75
194	Keratin 20 helps maintain intermediate filament organization in intestinal epithelia. <i>Molecular Biology of the Cell</i> , 2003 , 14, 2959-71	3.5	73

193	Immunological identification and characterization of the desmosomal cadherin Dsg2 in coupled and uncoupled epithelial cells and in human tissues. <i>Differentiation</i> , 1996 , 60, 99-108	3.5	73
192	Symplekin, a constitutive protein of karyo- and cytoplasmic particles involved in mRNA biogenesis in <i>Xenopus laevis</i> oocytes. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1665-76	3.5	72
191	The distribution of the desmosomal protein, plakophilin 1, in human skin and skin tumors. <i>Journal of Investigative Dermatology</i> , 1997 , 108, 139-46	4.3	71
190	Processus and recessus adhaerentes: giant adherens cell junction systems connect and attract human mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2007 , 328, 499-514	4.2	71
189	Cytokeratin domains involved in heterotypic complex formation determined by in-vitro binding assays. <i>Journal of Molecular Biology</i> , 1987 , 197, 237-55	6.5	68
188	Sealing the live part of the skin: the integrated meshwork of desmosomes, tight junctions and curvilinear ridge structures in the cells of the uppermost granular layer of the human epidermis. <i>European Journal of Cell Biology</i> , 2004 , 83, 655-65	6.1	66
187	Amino acid sequence diversity between bovine epidermal cytokeratin polypeptides of the basic (type II) subfamily as determined from cDNA clones. <i>Differentiation</i> , 1984 , 28, 155-63	3.5	66
186	Cell type-specific expression of bovine keratin genes as demonstrated by the use of complementary DNA clones. <i>Journal of Molecular Biology</i> , 1984 , 176, 21-37	6.5	66
185	The hemidesmosomal plaque. I. Characterization of a major constituent protein as a differentiation marker for certain forms of epithelia. <i>Differentiation</i> , 1990 , 45, 207-20	3.5	65
184	Identification and localization of a novel nucleolar protein of high molecular weight by a monoclonal antibody. <i>Experimental Cell Research</i> , 1984 , 153, 327-46	4.2	65
183	Introduction of hidden breaks during rRNA maturation and ageing in <i>Tetrahymena pyriformis</i> . <i>FEBS Journal</i> , 1978 , 87, 607-16		65
182	Suprabasal marker proteins distinguishing keratinizing squamous epithelia: cytokeratin 2 polypeptides of oral masticatory epithelium and epidermis are different. <i>Differentiation</i> , 1992 , 51, 137-48	3.5	64
181	Intranuclear membrane structure formations by CaaX-containing nuclear proteins. <i>Journal of Cell Science</i> , 2004 , 117, 6095-104	5.3	63
180	Transient change of organization of vimentin filaments during mitosis as demonstrated by a monoclonal antibody. <i>Experimental Cell Research</i> , 1984 , 154, 567-80	4.2	62
179	Heterogeneity of spacer lengths in circles of amplified ribosomal DNA of two insect species, <i>Dytiscus marginalis</i> and <i>Acheta domesticus</i> . <i>Journal of Molecular Biology</i> , 1976 , 108, 453-70	6.5	62
178	De novo formation of desmosomes in cultured cells upon transfection of genes encoding specific desmosomal components. <i>Experimental Cell Research</i> , 2003 , 285, 114-30	4.2	61
177	The junctions that don't fit the scheme: special symmetrical cell-cell junctions of their own kind. <i>Cell and Tissue Research</i> , 2009 , 338, 1-17	4.2	60
176	Amino acid sequence of bovine muzzle epithelial desmocollin derived from cloned cDNA: a novel subtype of desmosomal cadherins. <i>Differentiation</i> , 1991 , 47, 29-36	3.5	60

175	Amino acid sequence microheterogeneities of basic (type II) cytokeratins of <i>Xenopus laevis</i> epidermis and evolutionary conservativity of helical and non-helical domains. <i>Journal of Molecular Biology</i> , 1985 , 184, 713-24	6.5	60
174	Colchicine-binding proteins in chromatin and membranes. <i>Nature: New Biology</i> , 1972 , 237, 237-8		60
173	Negative staining and adenosine triphosphatase activity of annulate lamellae of newt oocytes. <i>Journal of Cell Biology</i> , 1969 , 42, 519-33	7.3	59
172	Integration of different keratins into the same filament system after microinjection of mRNA for epidermal keratins into kidney epithelial cells. <i>Cell</i> , 1984 , 36, 813-25	56.2	58
171	Structural organization of the transcription of ribosomal DNA in oocytes of the house cricket. <i>Nature: New Biology</i> , 1973 , 245, 167-70		58
170	The different structures containing tight junction proteins in epidermal and other stratified epithelial cells, including squamous cell metaplasia. <i>European Journal of Cell Biology</i> , 2007 , 86, 645-55	6.1	57
169	Synaptophysin expressed in the bronchopulmonary tract: neuroendocrine cells, neuroepithelial bodies, and neuroendocrine neoplasms. <i>Differentiation</i> , 1987 , 34, 115-25	3.5	57
168	Distribution of a special subset of keratinocytes characterized by the expression of cytokeratin 9 in adult and fetal human epidermis of various body sites. <i>Differentiation</i> , 1987 , 33, 254-65	3.5	57
167	Structures and Functions of the Nuclear Envelope 1974 , 219-347		57
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