

Tung-Tien Sun

List of Publications by Year in descending order

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213
papers

25,332
citations

5896

81
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6653

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docs citations

214
times ranked

11423
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-retaining cells reside in the bulge area of pilosebaceous unit: Implications for follicular stem cells, hair cycle, and skin carcinogenesis. <i>Cell</i> , 1990, 61, 1329-1337.	28.9	2,175
2	Existence of slow-cycling limbal epithelial basal cells that can be preferentially stimulated to proliferate: Implications on epithelial stem cells. <i>Cell</i> , 1989, 57, 201-209.	28.9	1,306
3	Differentiation-related expression of a major 64K corneal keratin in vivo and in culture suggests limbal location of corneal epithelial stem cells.. <i>Journal of Cell Biology</i> , 1986, 103, 49-62.	5.2	1,262
4	Involvement of Follicular Stem Cells in Forming Not Only the Follicle but Also the Epidermis. <i>Cell</i> , 2000, 102, 451-461.	28.9	1,001
5	Immunolocalization of keratin polypeptides in human epidermis using monoclonal antibodies. <i>Journal of Cell Biology</i> , 1982, 95, 580-588.	5.2	743
6	Correlation of specific keratins with different types of epithelial differentiation: Monoclonal antibody studies. <i>Cell</i> , 1982, 30, 361-372.	28.9	658
7	Monoclonal antibody analysis of keratin expression in epidermal diseases: a 48- and 56-kdalton keratin as molecular markers for hyperproliferative keratinocytes.. <i>Journal of Cell Biology</i> , 1984, 98, 1397-1406.	5.2	554
8	Differentiation of the epidermal keratinocyte in cell culture: Formation of the cornified envelope. <i>Cell</i> , 1976, 9, 511-521.	28.9	500
9	Keratin cytoskeletons in epithelial cells of internal organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 2813-2817.	7.1	477
10	Classification of epidermal keratins according to their immunoreactivity, isoelectric point, and mode of expression.. <i>Journal of Cell Biology</i> , 1984, 98, 1388-1396.	5.2	432
11	Keratin Classes: Molecular Markers for Different Types of Epithelial Differentiation. <i>Journal of Investigative Dermatology</i> , 1983, 81, S109-S115.	0.7	380
12	Immunofluorescent staining of keratin fibers in cultured cells. <i>Cell</i> , 1978, 14, 469-476.	28.9	377
13	Heterogeneity in epidermal basal keratinocytes: morphological and functional correlations. <i>Science</i> , 1982, 215, 1239-1241.	12.6	373
14	Epidermal stem cells: Properties, markers, and location. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13473-13475.	7.1	368
15	Acidic and basic hair/nail ("hard") keratins: their colocalization in upper cortical and cuticle cells of the human hair follicle and their relationship to "soft" keratins.. <i>Journal of Cell Biology</i> , 1986, 103, 2593-2606.	5.2	350
16	The 50- and 58-kdalton keratin classes as molecular markers for stratified squamous epithelia: cell culture studies.. <i>Journal of Cell Biology</i> , 1983, 97, 244-251.	5.2	346
17	Uroplakin Ia is the urothelial receptor for uropathogenic <i>Escherichia coli</i> : evidence from in vitro FimH binding. <i>Journal of Cell Science</i> , 2001, 114, 4095-4103.	2.0	311
18	Corneal epithelial stem cells at the limbus: looking at some old problems from a new angle. <i>Experimental Eye Research</i> , 2004, 78, 433-446.	2.6	305

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19	In vitro binding of type 1-fimbriated Escherichia coli to uroplakins Ia and Ib: relation to urinary tract infections.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9630-9635.	7.1	304
20	Proximal location of mouse prostate epithelial stem cells. Journal of Cell Biology, 2002, 157, 1257-1265.	5.2	298
21	Intrinsic and extrinsic regulation of the differentiation of skin, corneal and esophageal epithelial cells. Cell, 1980, 22, 17-25.	28.9	296
22	Uroplakins in urothelial biology, function, and disease. Kidney International, 2009, 75, 1153-1165.	5.2	284
23	Epidermal Stem Cells. Journal of Investigative Dermatology, 1983, 81, S121-S127.	0.7	283
24	Methyl 4-mercaptobutyrimidate as a cleavable crosslinking reagent and its application to the Escherichia coli 30S ribosome. Biochemistry, 1973, 12, 3266-3273.	2.5	281
25	Expression of epidermal keratins and filaggrin during human fetal skin development.. Journal of Cell Biology, 1985, 101, 1257-1269.	5.2	279
26	The role of keratin subfamilies and keratin pairs in the formation of human epidermal intermediate filaments.. Journal of Cell Biology, 1986, 102, 1767-1777.	5.2	254
27	Monoclonal Antibody Studies of Mammalian Epithelial Keratins: A Review. Annals of the New York Academy of Sciences, 1985, 455, 307-329.	3.8	239
28	Cultured epithelial cells of cornea, conjunctiva and skin: absence of marked intrinsic divergence of their differentiated states. Nature, 1977, 269, 489-493.	27.8	233
29	Ablation of Uroplakin III Gene Results in Small Urothelial Plaques, Urothelial Leakage, and Vesicoureteral Reflux. Journal of Cell Biology, 2000, 151, 961-972.	5.2	226
30	The fibrillar substructure of keratin filaments unraveled.. Journal of Cell Biology, 1983, 97, 1131-1143.	5.2	212
31	Role of membrane proteins in permeability barrier function: uroplakin ablation elevates urothelial permeability. American Journal of Physiology - Renal Physiology, 2002, 283, F1200-F1207.	2.7	206
32	Uroplakins Ia and Ib, two major differentiation products of bladder epithelium, belong to a family of four transmembrane domain (4TM) proteins.. Journal of Cell Biology, 1994, 125, 171-182.	5.2	178
33	Comparison of Limbal and Conjunctival Autograft Transplantation in Corneal Surface Reconstruction in Rabbits. Ophthalmology, 1990, 97, 446-455.	5.2	174
34	Compositional Differences between Infant and Adult Human Corneal Basement Membranes. , 2007, 48, 4989.		171
35	The use of antikeratin antiserum as a diagnostic tool: Thymoma versus lymphoma. Human Pathology, 1980, 11, 635-641.	2.0	153
36	Roles of uroplakins in plaque formation, umbrella cell enlargement, and urinary tract diseases. Journal of Cell Biology, 2004, 167, 1195-1204.	5.2	152

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37	Bacteria-Induced Uroplakin Signaling Mediates Bladder Response to Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000415.	4.7	148
38	Role of Ha-ras activation in superficial papillary pathway of urothelial tumor formation. <i>Oncogene</i> , 2001, 20, 1973-1980.	5.9	144
39	Hair Follicular Stem Cells: The Bulge-Activation Hypothesis. <i>Journal of Investigative Dermatology</i> , 1991, 96, S77-S78.	0.7	143
40	Overexpression of NGF in mouse urothelium leads to neuronal hyperinnervation, pelvic sensitivity, and changes in urinary bladder function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R534-R547.	1.8	141
41	Retinoid Signaling in Progenitors Controls Specification and Regeneration of the Urothelium. <i>Developmental Cell</i> , 2013, 26, 469-482.	7.0	135
42	Hair Follicle Stem Cells. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2003, 8, 28-38.	0.8	133
43	Control of a cell surface major glycoprotein by epidermal growth factor. <i>Science</i> , 1977, 197, 776-778.	12.6	131
44	Cells within the bulge region of mouse hair follicle transiently proliferate during early anagen: heterogeneity and functional differences of various hair cycles. <i>Differentiation</i> , 1994, 55, 127-136.	1.9	130
45	The Use of Monoclonal Antibody to Keratin in Human Epidermal Disease: Alterations in Immunohistochemical Staining Pattern. <i>Journal of Investigative Dermatology</i> , 1983, 81, 224-230.	0.7	128
46	Expression of hair-related keratins in a soft epithelium: Subpopulations of human and mouse dorsal tongue keratinocytes express keratin markers for hair-, skin- and esophageal-types of differentiation. <i>Experimental Cell Research</i> , 1989, 181, 141-158.	2.6	126
47	Three-dimensional analysis of the 16 nm urothelial plaque particle: luminal surface exposure, preferential head-to-head interaction, and hinge formation 1 Edited by W. Baumeisser. <i>Journal of Molecular Biology</i> , 1999, 285, 595-608.	4.2	123
48	Uroplakin I: a 27-kD protein associated with the asymmetric unit membrane of mammalian urothelium.. <i>Journal of Cell Biology</i> , 1990, 111, 1207-1216.	5.2	122
49	Distinct Glycan Structures of Uroplakins Ia and Ib. <i>Journal of Biological Chemistry</i> , 2006, 281, 14644-14653.	3.4	119
50	Chapter 5 Patterns of Keratin Expression Define Distinct Pathways of Epithelial Development and Differentiation. <i>Current Topics in Developmental Biology</i> , 1987, 22, 97-125.	2.2	118
51	Selective Interactions of UPIa and UPIb, Two Members of the Transmembrane 4 Superfamily, with Distinct Single Transmembrane-domained Proteins in Differentiated Urothelial Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 29752-29759.	3.4	118
52	De Novo Uroplakin IIIa Heterozygous Mutations Cause Human Renal Adysplasia Leading to Severe Kidney Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 2141-2149.	6.1	117
53	Hair Follicle Stem Cells: Their Location, Role in Hair Cycle, and Involvement in Skin Tumor Formation.. <i>Journal of Investigative Dermatology</i> , 1993, 101, 16S-26S.	0.7	116
54	Structural basis for tetraspanin functions as revealed by the cryo-EM structure of uroplakin complexes at 6-Å resolution. <i>Journal of Cell Biology</i> , 2006, 173, 975-983.	5.2	115

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55	Appearance of new tetraspanin genes during vertebrate evolution. <i>Genomics</i> , 2008, 91, 326-334.	2.9	115
56	Transient synthesis of K6 and K16 keratins in regenerating rabbit corneal epithelium: keratin markers for an alternative pathway of keratinocyte differentiation. <i>Differentiation</i> , 1989, 42, 103-110.	1.9	114
57	Antikeratin antibodies in tumor diagnosis. Distinction between seminoma and embryonal carcinoma. <i>Cancer</i> , 1984, 54, 843-848.	4.1	113
58	Interaction of filaggrin with keratin filaments during advanced stages of normal human epidermal differentiation and in Ichthyosis vulgaris. <i>Differentiation</i> , 1991, 48, 43-50.	1.9	113
59	Specific Heterodimer Formation Is a Prerequisite for Uroplakins to Exit from the Endoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2002, 13, 4221-4230.	2.1	113
60	Cornea-specific expression of K12 keratin during mouse development. <i>Current Eye Research</i> , 1993, 12, 963-974.	1.5	112
61	Novel Blood Biomarkers of Human Urinary Bladder Cancer. <i>Clinical Cancer Research</i> , 2006, 12, 3374-3380.	7.0	111
62	Expression of keratin 5 as a distinctive feature of epithelial and biphasic mesotheliomas. <i>Vigiliae Christianae</i> , 1989, 58, 129-145.	0.1	109
63	Interaction of Trichohyalin with Intermediate Filaments: Three Immunologically Defined Stages of Trichohyalin Maturation. <i>Journal of Investigative Dermatology</i> , 1992, 98, 24-32.	0.7	108
64	Upper Human Hair Follicle Contains a Subpopulation of Keratinocytes with Superior In Vitro Proliferative Potential. <i>Journal of Investigative Dermatology</i> , 1993, 101, 652-659.	0.7	108
65	Brenner tumors but not transitional cell carcinomas of the ovary show urothelial differentiation: immunohistochemical staining of urothelial markers, including cytokeratins and uroplakins. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 438, 181-191.	2.8	108
66	Expression of specific keratin markers by rabbit corneal, conjunctival, and esophageal epithelia during vitamin A deficiency.. <i>Journal of Cell Biology</i> , 1984, 99, 2279-2286.	5.2	106
67	Differentiation-Dependent Expression of Keratins in Human Oral Epithelia. <i>Journal of Investigative Dermatology</i> , 1986, 86, 249-254.	0.7	105
68	Towards the Molecular Architecture of the Asymmetric Unit Membrane of the Mammalian Urinary Bladder Epithelium: A Closed "Twisted Ribbon" Structure. <i>Journal of Molecular Biology</i> , 1995, 248, 887-900.	4.2	104
69	Assembly of Urothelial Plaques: Tetraspanin Function in Membrane Protein Trafficking. <i>Molecular Biology of the Cell</i> , 2005, 16, 3937-3950.	2.1	103
70	Primary Uroepithelial Cultures. <i>Journal of Biological Chemistry</i> , 1999, 274, 15020-15029.	3.4	102
71	Hyperactivation of Ha-ras oncogene, but not Ink4a/Arf deficiency, triggers bladder tumorigenesis. <i>Journal of Clinical Investigation</i> , 2007, 117, 314-325.	8.2	101
72	Organization of uroplakin subunits: transmembrane topology, pair formation and plaque composition. <i>Biochemical Journal</i> , 2001, 355, 13-18.	3.7	97

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73	Cellular basis of urothelial squamous metaplasia. <i>Journal of Cell Biology</i> , 2005, 171, 835-844.	5.2	97
74	Topography of ribosomal proteins of the Escherichia coli 30S subunit as studied with reversible cross-linking reagent methyl 4-mercaptobutyrimidate. <i>Biochemistry</i> , 1974, 13, 2334-2340.	2.5	93
75	Expression of keratin and vimentin intermediate filaments in rabbit bladder epithelial cells at different stages of benzo[a]pyrene-induced neoplastic progression.. <i>Journal of Cell Biology</i> , 1981, 90, 63-69.	5.2	93
76	Location of corneal epithelial stem cells. <i>Nature</i> , 2010, 463, E10-E11.	27.8	93
77	Basement membrane heterogeneity and variation in corneal epithelial differentiation. <i>Differentiation</i> , 1989, 42, 54-63.	1.9	92
78	Structural basis of urothelial permeability barrier function as revealed by Cryo-EM studies of the 16 nm uroplakin particle. <i>Journal of Cell Science</i> , 2003, 116, 4087-4094.	2.0	90
79	Characterization of Hair Follicle Bulge in Human Fetal Skin: The Human Fetal Bulge Is a Pool of Undifferentiated Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1995, 105, 844-850.	0.7	89
80	Uroplakin IIIb, a urothelial differentiation marker, dimerizes with uroplakin Ib as an early step of urothelial plaque assembly. <i>Journal of Cell Biology</i> , 2002, 159, 685-694.	5.2	87
81	The bladder as a bioreactor: Urothelium production and secretion of growth hormone into urine. <i>Nature Biotechnology</i> , 1998, 16, 75-79.	17.5	85
82	Suprabasal expression of a 64-kilodalton keratin (no. 3) in developing human corneal epithelium. <i>Differentiation</i> , 1987, 34, 60-67.	1.9	82
83	Altered phenotype of cultured urothelial and other stratified epithelial cells: implications for wound healing. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F9-F21.	2.7	82
84	Formation of asymmetric unit membrane during urothelial differentiation. <i>Molecular Biology Reports</i> , 1996, 23, 3-11.	2.3	81
85	Tailbud-derived mesenchyme promotes urinary tract segmentation via BMP4 signaling. <i>Development (Cambridge)</i> , 2007, 134, 1967-1975.	2.5	80
86	Hair follicle stem cells: Their location, role in hair cycle, and involvement in skin tumor formation. <i>Journal of Investigative Dermatology</i> , 1993, 101, S16-S26.	0.7	79
87	Epithelial stem cells: the eye provides a vision. <i>Eye</i> , 2003, 17, 937-942.	2.1	79
88	Appearance of the keratin pair K3/K12 during embryonic and adult corneal epithelial differentiation in the chick and in the rabbit. <i>Cell Differentiation and Development</i> , 1990, 32, 97-108.	0.4	78
89	Corneal Epithelial Stem Cells: Past, Present, and Future. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2004, 9, 202-207.	0.8	78
90	A Survivin Gene Signature Predicts Aggressive Tumor Behavior. <i>Cancer Research</i> , 2005, 65, 3531-3534.	0.9	78

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91	Localization of uroplakin Ia, the urothelial receptor for bacterial adhesin FimH, on the six inner domains of the 16 nm urothelial plaque particle 1 Edited by W. Baumeister. Journal of Molecular Biology, 2002, 317, 697-706.	4.2	77
92	Persistent uroplakin expression in advanced urothelial carcinomas: implications in urothelial tumor progression and clinical outcome. Human Pathology, 2007, 38, 1703-1713.	2.0	76
93	Overexpression of epidermal growth factor receptor in urothelium elicits urothelial hyperplasia and promotes bladder tumor growth. Cancer Research, 2002, 62, 4157-63.	0.9	76
94	Organization of uroplakin subunits: transmembrane topology, pair formation and plaque composition. Biochemical Journal, 2001, 355, 13.	3.7	72
95	The histone deacetylase inhibitor belinostat (PXD101) suppresses bladder cancer cell growth in vitro and in vivo. Journal of Translational Medicine, 2007, 5, 49.	4.4	71
96	Rab27b is associated with fusiform vesicles and may be involved in targeting uroplakins to urothelial apical membranes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14012-14017.	7.1	70
97	Interpreting epithelial cancer biology in the context of stem cells: Tumor properties and therapeutic implications. Biochimica Et Biophysica Acta: Reviews on Cancer, 2005, 1756, 25-52.	7.4	70
98	Deficiency of pRb Family Proteins and p53 in Invasive Urothelial Tumorigenesis. Cancer Research, 2009, 69, 9413-9421.	0.9	69
99	A tissue-specific promoter that can drive a foreign gene to express in the suprabasal urothelial cells of transgenic mice.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 679-683.	7.1	67
100	Cell culture of mammalian thymic epithelial cells: Growth, structural, and antigenic properties. Cellular Immunology, 1984, 83, 1-13.	3.0	66
101	Uroplakins as Markers of Urothelial Differentiation. Advances in Experimental Medicine and Biology, 1999, 462, 7-18.	1.6	66
102	<i>Proteus mirabilis</i> fimbriae- and urease-dependent clusters assemble in an extracellular niche to initiate bladder stone formation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4494-4499.	7.1	64
103	The use of aIF, AE1, and AE3 monoclonal antibodies for the identification and classification of mammalian epithelial keratins. Differentiation, 1984, 28, 30-35.	1.9	63
104	DETECTION OF CIRCULATING UROPLAKIN-POSITIVE CELLS IN PATIENTS WITH TRANSITIONAL CELL CARCINOMA OF THE BLADDER. Journal of Urology, 1999, 162, 931-935.	0.4	60
105	Polypoid squamous carcinoma of the esophagus. American Journal of Surgical Pathology, 1983, 7, 495-500.	3.7	59
106	p53 deficiency provokes urothelial proliferation and synergizes with activated Ha-ras in promoting urothelial tumorigenesis. Oncogene, 2004, 23, 687-696.	5.9	59
107	Anatomy and Physiology of the Urinary Tract: Relation to Host Defense and Microbial Infection. Microbiology Spectrum, 2015, 3, .	3.0	59
108	Mouse Skin Is Particularly Susceptible to Tumor Initiation During Early Anagen of the Hair Cycle: Possible Involvement of Hair Follicle Stem Cells. Journal of Investigative Dermatology, 1993, 101, 591-594.	0.7	58

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109	Thrombin potentiates the mitogenic response of cultured fibroblasts to serum and other growth promoting agents. <i>Journal of Cellular Physiology</i> , 1977, 92, 233-239.	4.1	56
110	Identification of a Cytosolic NADP ⁺ -dependent Isocitrate Dehydrogenase That Is Preferentially Expressed in Bovine Corneal Epithelium. <i>Journal of Biological Chemistry</i> , 1999, 274, 17334-17341.	3.4	55
111	Differentiation-dependent changes in the solubility of a 195-kD protein in human epidermal keratinocytes.. <i>Journal of Cell Biology</i> , 1986, 103, 41-48.	5.2	52
112	Use of Nitrocellulose Membranes for Protein Characterization by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 5102-5108.	6.5	52
113	Lack of major involvement of human uroplakin genes in vesicoureteral reflux: Implications for disease heterogeneity. <i>Kidney International</i> , 2004, 66, 10-19.	5.2	49
114	Urothelial function reconsidered: A role in urinary protein secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 154-159.	7.1	48
115	Uropathogenic <i>E. coli</i> Adhesin-Induced Host Cell Receptor Conformational Changes: Implications in Transmembrane Signaling Transduction. <i>Journal of Molecular Biology</i> , 2009, 392, 352-361.	4.2	48
116	Detection of circulating cancer cells expressing uroplakins and epidermal growth factor receptor in bladder cancer patients. <i>International Journal of Cancer</i> , 2004, 111, 934-939.	5.1	46
117	Urothelial umbrella cells of human ureter are heterogeneous with respect to their uroplakin composition: different degrees of urothelial maturity in ureter and bladder?. <i>European Journal of Cell Biology</i> , 2005, 84, 393-405.	3.6	46
118	Origin of the tetraspanin uroplakins and their co-evolution with associated proteins: Implications for uroplakin structure and function. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 355-367.	2.7	46
119	Analysis of Electrobotted Proteins by Mass Spectrometry: Protein Identification after Western Blotting. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 308-314.	3.8	46
120	Lineage-specific and differentiation-dependent expression of K12 keratin in rabbit corneal/limbal epithelial cells: cDNA cloning and Northern blot analysis. <i>Differentiation</i> , 1994, 55, 137-144.	1.9	45
121	Extracellular Matrix Changes in Human Corneas After Radial Keratotomy. <i>Experimental Eye Research</i> , 1998, 67, 265-272.	2.6	45
122	Keratinocyte stem cells of cornea, skin and hair follicle: common and distinguishing features. <i>Seminars in Developmental Biology</i> , 1993, 4, 217-240.	1.3	43
123	Stem Cells of Pelage, Vibrissae, and Eyelash Follicles: The Hair Cycle and Tumor Formation. <i>Annals of the New York Academy of Sciences</i> , 1991, 642, 214-224.	3.8	41
124	Human epithelial cells cultured from urine: Growth properties and keratin staining. <i>In Vitro</i> , 1980, 16, 866-874.	1.2	40
125	Immunofluorescence staining of keratin filaments in cultured epithelial cells. <i>Cytotechnology</i> , 1985, 9, 123-128.	0.3	40
126	Gene deletion in urothelium by specific expression of Cre recombinase. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F562-F568.	2.7	40

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127	Differentiation-Specific Expression of Keratin Pairs. , 1990, , 301-334.		40
128	Similarity in the Size and Number of Ribosomal Proteins from Different Prokaryotes. Journal of Bacteriology, 1972, 111, 474-480.	2.2	40
129	Hair Follicles, Stem Cells, and Skin Cancer. Journal of Investigative Dermatology, 1993, 100, S288-S294.	0.7	39
130	Alterations in bladder function associated with urothelial defects in uroplakin II and IIIa knockout mice. Neurourology and Urodynamics, 2009, 28, 1028-1033.	1.5	38
131	Differential Expression of Cell Cycle Regulators in Phenotypic Variants of Transgenically Induced Bladder Tumors: Implications for Tumor Behavior. Cancer Research, 2005, 65, 1150-1157.	0.9	36
132	Involvement of Vps33a in the Fusion of Uroplakinâ€Degrading Multivesicular Bodies with Lysosomes. Traffic, 2009, 10, 1350-1361.	2.7	36
133	Rapid Modulation of Keratinocyte Differentiation by the External Environment. Journal of Investigative Dermatology, 1983, 80, 228-237.	0.7	35
134	Intron Evolution: Testing Hypotheses of Intron Evolution Using the Phylogenomics of Tetraspanins. PLoS ONE, 2009, 4, e4680.	2.5	35
135	Urothelial hinge as a highly specialized membrane: detergent-insolubility, urohingin association, and in vitro formation. Differentiation, 1999, 65, 59-69.	1.9	34
136	MAL facilitates the incorporation of exocytic uroplakin-delivering vesicles into the apical membrane of urothelial umbrella cells. Molecular Biology of the Cell, 2012, 23, 1354-1366.	2.1	32
137	AUTOLOGOUS TRANSPLANTATION OF UROTHELIUM INTO DEMUCOSALIZED GASTROINTESTINAL SEGMENTS: EVIDENCE FOR EPITHELIALIZATION AND DIFFERENTIATION OF IN VITRO EXPANDED AND TRANSPLANTED UROTHELIAL CELLS. Journal of Urology, 1998, 159, 284-290.	0.4	31
138	Comparison of Uroplakin Expression During Urothelial Carcinogenesis Induced by N-Butyl-N-(4-Hydroxybutyl)Nitrosamine in Rats and Mice. Toxicologic Pathology, 1999, 27, 645-651.	1.8	31
139	Generation of active TGF-? by prostatic cell cocultures using novel basal and luminal prostatic epithelial cell lines. Journal of Cellular Physiology, 2000, 184, 70-79.	4.1	31
140	CLED: A Calcium-Linked Protein Associated with Early Epithelial Differentiation. Experimental Cell Research, 2000, 259, 96-106.	2.6	31
141	Integrity of all four transmembrane domains of the tetraspanin uroplakin Ib is required for its exit from the ER. Journal of Cell Science, 2006, 119, 5077-5086.	2.0	31
142	Protein-protein proximity in the association of ribosomal subunits of Escherichia coli: Crosslinking of 30 S protein S16 to 50 S proteins by glutaraldehyde or formaldehyde. Journal of Molecular Biology, 1974, 87, 509-522.	4.2	30
143	Serpins in the Human Hair Follicle. Journal of Investigative Dermatology, 2000, 114, 917-922.	0.7	30
144	Rab27b Association with Melanosomes: Dominant Negative Mutants Disrupt Melanosomal Movement. Journal of Investigative Dermatology, 2002, 118, 933-940.	0.7	30

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145	Dominant role of CDKN2B/p15INK4B of 9p21.3 tumor suppressor hub in inhibition of cell-cycle and glycolysis. <i>Nature Communications</i> , 2021, 12, 2047.	12.8	30
146	Allelic loss of p53 gene is associated with genesis and maintenance, but not invasion, of mouse carcinoma in situ of the bladder. <i>Cancer Research</i> , 2003, 63, 179-85.	0.9	30
147	Cutaneous Ultrastructural Features of the Flaky Skin (<i>vsn</i>) Mouse Mutation. <i>Journal of Dermatology</i> , 1995, 22, 385-395.	1.2	27
148	Association of a basic 25K protein with membrane coating granules of human epidermis.. <i>Journal of Cell Biology</i> , 1989, 109, 2313-2321.	5.2	26
149	Inverse expression of uroplakins and inducible nitric oxide synthase in the urothelium of patients with bladder outlet obstruction. <i>BJU International</i> , 2003, 91, 507-512.	2.5	26
150	EEDA: A protein associated with an early stage of stratified epithelial differentiation. <i>Journal of Cellular Physiology</i> , 2006, 206, 103-111.	4.1	25
151	Transforming growth factor- β is an autocrine mitogen for a novel androgen-responsive murine prostatic smooth muscle cell line, PSMC1. <i>Journal of Cellular Physiology</i> , 2000, 185, 416-424.	4.1	24
152	Sequential and compartmentalized action of Rab5, SNAREs, and MAL in the apical delivery of fusiform vesicles in urothelial umbrella cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 1621-1634.	2.1	24
153	PKM2 Is Essential for Bladder Cancer Growth and Maintenance. <i>Cancer Research</i> , 2022, 82, 571-585.	0.9	24
154	Keratin Expression during Normal Epidermal Differentiation. <i>Current Problems in Dermatology</i> , 1983, 11, 277-291.	0.7	23
155	Spiny keratoderma – a demonstration of hair keratin and hair type keratinization. <i>Journal of Cutaneous Pathology</i> , 1999, 26, 25-30.	1.3	23
156	SNX31: A Novel Sorting Nexin Associated with the Uroplakin-Degrading Multivesicular Bodies in Terminally Differentiated Urothelial Cells. <i>PLoS ONE</i> , 2014, 9, e99644.	2.5	23
157	Chromosomal localization of uroplakin genes of cattle and mice. <i>Mammalian Genome</i> , 1993, 4, 656-661.	2.2	22
158	Assembly of a membrane receptor complex: roles of the uroplakin II prosequence in regulating uroplakin bacterial receptor oligomerization. <i>Biochemical Journal</i> , 2008, 414, 195-203.	3.7	21
159	Posterior polymorphous dystrophy of the cornea: Cell culture studies. <i>Experimental Eye Research</i> , 1981, 33, 535-544.	2.6	20
160	Generation of divergent uroplakin tetraspanins and their partners during vertebrate evolution: identification of novel uroplakins. <i>BMC Evolutionary Biology</i> , 2014, 14, 13.	3.2	20
161	Uroplakin as a marker for typing metastatic transitional cell carcinoma on fine-needle aspiration specimens. <i>Cancer</i> , 2001, 93, 216-221.	4.1	19
162	Voiding Pattern Analysis as a Surrogate for Cystometric Evaluation in Uroplakin II Knockout Mice. <i>Journal of Urology</i> , 2008, 179, 2046-2051.	0.4	19

#	ARTICLE	IF	CITATIONS
163	Expression of K12 keratin in alkali-burned rabbit corneas. <i>Current Eye Research</i> , 1992, 11, 875-887.	1.5	18
164	CANCER BIOLOGY: Analysis of differentiation-associated proteins in rat bladder carcinogenesis. <i>Carcinogenesis</i> , 1996, 17, 961-965.	2.8	18
165	Mitochondrial lipid droplet formation as a detoxification mechanism to sequester and degrade excessive urothelial membranes. <i>Molecular Biology of the Cell</i> , 2019, 30, 2969-2984.	2.1	18
166	Osteopontin Gene is Expressed in the Dermal Papilla of Pelage Follicles in a Hair-Cycle-Dependent Manner. <i>Journal of Investigative Dermatology</i> , 2001, 117, 1554-1558.	0.7	17
167	Hair Follicles, Stem Cells, and Skin Cancer.. <i>Journal of Investigative Dermatology</i> , 1993, 100, 288S-294S.	0.7	16
168	Keratinocyte stem cells of cornea, skin and hair follicles. , 1997, , 331-362.		16
169	Hair Follicle Stem Cells: Present Concepts. <i>Journal of Investigative Dermatology</i> , 1995, 104, 38-39.	0.7	15
170	Uroplakins Do Not Restrict CO2 Transport through Urothelium. <i>Journal of Biological Chemistry</i> , 2012, 287, 11011-11017.	3.4	15
171	EXPRESSION OF KERATOHYALIN-TRICHOHYALIN HYBRID GRANULES IN MOLLUSCUM CONTAGIOSUM. <i>International Journal of Dermatology</i> , 1996, 35, 106-108.	1.0	14
172	Temporally and spatially controllable gene expression and knockout in mouse urothelium. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F387-F395.	2.7	14
173	Hypercompliant Apical Membranes of Bladder Umbrella Cells. <i>Biophysical Journal</i> , 2014, 107, 1273-1279.	0.5	14
174	Visualizing Nature at Work from the Nano to the Macro Scale. <i>Nanobiotechnology</i> , 2005, 1, 007-022.	1.2	13
175	Early detection and measurement of urothelial tumors in mice. <i>Urology</i> , 2006, 67, 1309-1314.	1.0	13
176	Dual ligand/receptor interactions activate urothelial defenses against uropathogenic E. coli. <i>Scientific Reports</i> , 2015, 5, 16234.	3.3	13
177	Keratin filaments of corneal epithelial cells. <i>Vision Research</i> , 1981, 21, 55-63.	1.4	12
178	Cells in the Bulge of the Mouse Telogen Follicle Give Rise to the Lower Anagen Follicle. <i>Skin Pharmacology and Physiology</i> , 1994, 7, 8-11.	2.5	11
179	Expression of an Olfactomedin-Related Gene in Rat Hair Follicular Papilla Cells. <i>Journal of Investigative Dermatology</i> , 2005, 125, 24-33.	0.7	11
180	Uroplakins play conserved roles in egg fertilization and acquired additional urothelial functions during mammalian divergence. <i>Molecular Biology of the Cell</i> , 2018, 29, 3128-3143.	2.1	11

#	ARTICLE	IF	CITATIONS
181	Interaction between Dermal Papilla and Bulge: The Rhino Mouse Mutation as a Model System. <i>Annals of the New York Academy of Sciences</i> , 1991, 642, 496-499.	3.8	10
182	Expression Profiles of Tyrosine Kinases in Cultured Follicular Papilla Cells Versus Dermal Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2004, 123, 283-290.	0.7	8
183	Excessive trust in authorities and its influence on experimental design. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 577-581.	37.0	7
184	The functional and structural homology of ribosomal protein S7 of <i>E. coli</i> strains K and MRE600. <i>Molecular Genetics and Genomics</i> , 1973, 122, 1-9.	2.4	6
185	Active versus passive reading: how to read scientific papers?. <i>National Science Review</i> , 2020, 7, 1422-1427.	9.5	5
186	The Tetraspanin-Associated Uroplakins Family (UPK2/3) Is Evolutionarily Related to PTPRQ, a Phosphotyrosine Phosphatase Receptor. <i>PLoS ONE</i> , 2017, 12, e0170196.	2.5	5
187	The protein topography of the <i>E. coli</i> 30S ribosomal subunit: A preliminary model <i>E. coli</i> /30S subunit/ribosome/spatial arrangement of proteins. <i>Molecular and Cellular Biochemistry</i> , 1975, 6, 33-41.	3.1	4
188	Uroplakins as Unique Tetraspanin Networks. , 2013, , 299-320.		4
189	Ectopic expression of a bacterial lacZ gene in the limbic system of transgenic mice. <i>NeuroReport</i> , 1995, 6, 1674-1678.	1.2	3
190	Epithelial growth and differentiation: an overview. <i>Molecular Biology Reports</i> , 1996, 23, 1-2.	2.3	3
191	Anatomy and Physiology of the Urinary Tract: Relation to Host Defense and Microbial Infection. , 0, , 1-25.		3
192	The Evolution of Tetraspanins Through a Phylogenetic Lens. , 2013, , 31-45.		2
193	Specific Keratins and their Associated Proteins as Markers for Hair Follicle Differentiation. , 1988, , 37-50.		2
194	UIRODYNAMIC CHARACTERIZATION OF MICE LACKING UIROPLAKIN II OR III. <i>FASEB Journal</i> , 2007, 21, A1308.	0.5	2
195	Response of T.-T. Sun, G. Cotsarelis and R.M. Lavker. <i>American Journal of Dermatopathology</i> , 1993, 15, 250-253.	0.6	1
196	Irwin Freedberg: Physician-Scientist and Mentor. <i>Journal of Investigative Dermatology</i> , 2006, 126, 517-519.	0.7	1
197	914 IN VIVO ROLE OF RAB27B IN UROTHELIAL ADHESION AND INVASION BY UROPATHOGENIC E.COLI. <i>Journal of Urology</i> , 2012, 187, .	0.4	1
198	Transforming growth factor β 2 is an autocrine mitogen for a novel androgen α -responsive murine prostatic smooth muscle cell line, PSMC1. <i>Journal of Cellular Physiology</i> , 2000, 185, 416-424.	4.1	1

#	ARTICLE	IF	CITATIONS
199	Expression of heterogenous cytoplasmic granules in abnormally keratinized epithelium. Journal of Dermatological Science, 1993, 6, 56.	1.9	0
200	Rapid communication: PstI, HindIII, and TaqI restriction fragment length polymorphisms in the bovine Uroplakin IB gene. Journal of Animal Science, 1994, 72, 1909-1909.	0.5	0
201	Rapid communication: BamHI and TaqI restriction fragment length polymorphisms in the bovine Uroplakin IA gene. Journal of Animal Science, 1994, 72, 1908-1908.	0.5	0
202	Going Undercover. Cell, 2001, 107, 287-289.	28.9	0
203	Remembering Irwin Freedberg. Journal of Investigative Dermatology, 2006, 126, 519-520.	0.7	0
204	ASSEMBLY OF UROTHELIAL PLAQUES AND ITS REGULATION. Journal of Urology, 2008, 179, 79-80.	0.4	0
205	UROTHELIUM-SPECIFIC INACTIVATION OF BOTH p53 AND Rb PROMOTES, BUT NOT INITIATES, INVASIVE BLADDER CARCINOMAS. Journal of Urology, 2008, 179, 264-265.	0.4	0
206	ROLE OF E-CADHERIN DEFICIENCY IN BLADDER TUMORIGENESIS AND PROGRESSION. Journal of Urology, 2009, 181, 306-306.	0.4	0
207	TEMPORALLY AND SPATIALLY CONTROLLED GENE EXPRESSION AND KNOCKOUT IN UROTHELIUM - NOVEL IN VIVO SYSTEMS FOR STUDYING UROTHELIAL FUNCTION AND DISEASES. Journal of Urology, 2009, 181, 234-234.	0.4	0
208	FUNCTIONAL ROLES OF MAL IN REGULATING THE ASSEMBLY AND APICAL DELIVERY OF THE UROPLAKIN BACTERIAL RECEPTOR COMPLEX. Journal of Urology, 2009, 181, 234-235.	0.4	0
209	785 COMPENSATORY TUMOR DEFENSES IN UROTHELIUM DURING TUMOR SUPPRESSOR DEFICIENCY: IMPLICATION ON THE REQUIREMENT OF MULTI-GENE DEFECTS IN INVASIVE CARCINOMA FORMATION. Journal of Urology, 2010, 183, .	0.4	0
210	781 SV40 LARGE T ANTIGEN COOPERATES WITH ACTIVATED HA-RAS IN INDUCING RAPID-PROGRESSING UROTHELIAL CARCINOMAS. Journal of Urology, 2010, 183, .	0.4	0
211	536 SNX31: A UROTHELIAL SPECIFIC AND DIFFERENTIATION-DEPENDENT SORTING NEXIN INVOLVED IN UROPLAKIN DEGRADATION. Journal of Urology, 2013, 189, .	0.4	0
212	262: Urodynamic Studies in Uroplakin II or III Knockout (KO) Mice. Journal of Urology, 2007, 177, 88-88.	0.4	0
213	892: Persistent Uroplakin Expression in Advanced Urothelial Carcinomas: Implications in Clinical Outcome. Journal of Urology, 2007, 177, 296-297.	0.4	0