

Ian C Mackenzie

List of Publications by Year in descending order

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97
papers

4,945
citations

66234

42
h-index

98622

67
g-index

99
all docs

99
docs citations

99
times ranked

4027
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer Stem Cells in Squamous Cell Carcinoma Switch between Two Distinct Phenotypes That Are Preferentially Migratory or Proliferative. <i>Cancer Research</i> , 2011, 71, 5317-5326.	0.4	308
2	Retention of Intrinsic Stem Cell Hierarchies in Carcinoma-Derived Cell Lines. <i>Cancer Research</i> , 2005, 65, 8944-8950.	0.4	244
3	Relationship between Mitosis and the Ordered Structure of the Stratum Corneum in Mouse Epidermis. <i>Nature</i> , 1970, 226, 653-655.	13.7	189
4	Stem cell patterns in cell lines derived from head and neck squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2007, 36, 594-603.	1.4	154
5	Cytochemical identification of ATPase-positive Langerhans cells in EDTA-separated sheets of mouse epidermis. <i>British Journal of Dermatology</i> , 2006, 92, 523-533.	1.4	151
6	Cancer stem cells and EMT in carcinoma. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 285-293.	2.7	136
7	Regeneration of Organized Epithelial Structure. <i>Journal of Investigative Dermatology</i> , 1983, 81, S189-S194.	0.3	131
8	Epithelial-mesenchymal interactions control basement membrane production and differentiation in cultured and transplanted mouse keratinocytes. <i>Cell and Tissue Research</i> , 1986, 244, 413-29.	1.5	124
9	Retroviral Transduction of Murine Epidermal Stem Cells Demonstrates Clonal Units of Epidermal Structure. <i>Journal of Investigative Dermatology</i> , 1997, 109, 377-383.	0.3	122
10	Phenotypic Plasticity Determines Cancer Stem Cell Therapeutic Resistance in Oral Squamous Cell Carcinoma. <i>EBioMedicine</i> , 2016, 4, 138-145.	2.7	115
11	Connective tissue influences on patterns of epithelial architecture and keratinization in skin and oral mucosa of the adult mouse. <i>Cell and Tissue Research</i> , 1984, 235, 551-9.	1.5	111
12	Identification and Localization of Label-Retaining Cells in Hamster Epithelia. <i>Journal of Investigative Dermatology</i> , 1984, 82, 618-622.	0.3	110
13	Structural stability and chromosome-specific telomere length is governed by cis-acting determinants in humans. <i>Human Molecular Genetics</i> , 2006, 15, 725-733.	1.4	110
14	Normal and malignant epithelial cells with stem-like properties have an extended G2 cell cycle phase that is associated with apoptotic resistance. <i>BMC Cancer</i> , 2010, 10, 166.	1.1	99
15	Cancer stem cells – new and potentially important targets for the therapy of oral squamous cell carcinoma. <i>Oral Diseases</i> , 2006, 12, 443-454.	1.5	97
16	Lipid Composition of Cohesive and Desquamated Corneocytes from Mouse Ear Skin. <i>Journal of Investigative Dermatology</i> , 1986, 86, 187-190.	0.3	88
17	Keratin K15 as a Biomarker of Epidermal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19385-19398.	1.8	88
18	Label-retaining keratinocytes and Langerhans cells in mouse epithelia. <i>Cell and Tissue Research</i> , 1985, 242, 551-6.	1.5	87

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19	CD44 Staining of Cancer Stem-Like Cells Is Influenced by Down-Regulation of CD44 Variant Isoforms and Up-Regulation of the Standard CD44 Isoform in the Population of Cells That Have Undergone Epithelial-to-Mesenchymal Transition. PLoS ONE, 2013, 8, e57314.	1.1	83
20	Sub-Sets of Cancer Stem Cells Differ Intrinsically in Their Patterns of Oxygen Metabolism. PLoS ONE, 2013, 8, e62493.	1.1	80
21	Patterns of cytokeratin expression in human gingival epithelia. Journal of Periodontal Research, 1991, 26, 468-478.	1.4	79
22	Patterns of keratin-expression in rests of Malassez and periapical lesions. Journal of Oral Pathology and Medicine, 1988, 17, 178-185.	1.4	74
23	Ordered Structure of The Epidermis. Journal of Investigative Dermatology, 1975, 65, 45-51.	0.3	73
24	The keratin polypeptide patterns in heterotypically recombined epithelia of skin and mucosa of adult mouse. Differentiation, 1984, 26, 144-153.	1.0	71
25	Etiology of oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 1983, 12, 11-29.	1.4	69
26	Effects of histological processing on lectin binding patterns in oral mucosa and skin. The Histochemical Journal, 1983, 15, 467-474.	0.6	66
27	Growth of malignant oral epithelial stem cells after seeding into organotypical cultures of normal mucosa. Journal of Oral Pathology and Medicine, 2004, 33, 71-78.	1.4	62
28	Labelling of murine epidermal Langerhans cells with H3-Thymidine. American Journal of Anatomy, 1975, 144, 127-135.	0.9	60
29	Maintenance of stem cell self-renewal in head and neck cancers requires actions of GSK3 β influenced by CD44 and RHAMM. Stem Cells, 2013, 31, 2073-2083.	1.4	60
30	Immunocytochemical examination of immune cells in periapical granulomata and odontogenic cysts. Journal of Oral Pathology and Medicine, 1988, 17, 84-90.	1.4	58
31	The receptor tyrosine kinase Axl regulates cell-cell adhesion and stemness in cutaneous squamous cell carcinoma. Oncogene, 2014, 33, 4185-4192.	2.6	57
32	Cytokeratin expression of the odontogenic epithelia in dental follicles and developmental cysts. Journal of Oral Pathology and Medicine, 1989, 18, 63-67.	1.4	54
33	Patterns of cytokeratin expression in the epithelia of inflamed human gingiva and periodontal pockets. Journal of Periodontal Research, 1993, 28, 49-59.	1.4	52
34	Expression of Betapapillomavirus Oncogenes Increases the Number of Keratinocytes with Stem Cell-Like Properties. Journal of Virology, 2013, 87, 12158-12165.	1.5	52
35	Stem cell properties and epithelial malignancies. European Journal of Cancer, 2006, 42, 1204-1212.	1.3	50
36	Significance of myofibroblasts in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2011, 40, 201-207.	1.4	50

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37	Maintenance of regionally specific patterns of cell proliferation and differentiation in transplanted skin and oral mucosa. <i>Cell and Tissue Research</i> , 1981, 219, 597-607.	1.5	47
38	The Effects of Frictional Stimulation on Mouse Ear Epidermis. I. Cell Proliferation. <i>Journal of Investigative Dermatology</i> , 1974, 62, 80-85.	0.3	46
39	Expression of Keratinocyte Growth Factor in Periapical Lesions. <i>Journal of Dental Research</i> , 1996, 75, 1658-1663.	2.5	46
40	Rate of Loss of Tritiated Thymidine Label In Basal Cells In Mouse epithelial tissues. <i>Cell Proliferation</i> , 1986, 19, 325-333.	2.4	45
41	The influence of differing connective tissue substrates on the maintenance of adult stratified squamous epithelia. <i>Cell and Tissue Research</i> , 1984, 237, 473-8.	1.5	43
42	An Examination of Cellular Organization Within the Stratum Corneum by A Silver Staining Method. <i>Journal of Investigative Dermatology</i> , 1973, 61, 245-250.	0.3	42
43	The Effects of Frictional Stimulation on Mouse Ear Epidermis II. Histologic Appearance and Cell Counts. <i>Journal of Investigative Dermatology</i> , 1974, 63, 194-198.	0.3	42
44	The Pattern of Cellular Organization of Human Epidermis. <i>Journal of Investigative Dermatology</i> , 1981, 76, 459-461.	0.3	42
45	Formation of Normal Gingival Epithelial Phenotypes Around Osseo-Integrated Oral Implants in Humans. <i>Journal of Periodontology</i> , 1995, 66, 933-943.	1.7	41
46	Two years oral use of chlorhexidine in man.. <i>Journal of Periodontal Research</i> , 1976, 11, 165-171.	1.4	40
47	Nature and mechanisms of regeneration of the junctional epithelial phenotype. <i>Journal of Periodontal Research</i> , 1987, 22, 243-245.	1.4	40
48	CONCANAVALIN A AND RICINUS COMMUNIS RECEPTOR SITES IN NORMAL HUMAN ORAL MUCOSA. <i>Journal of Investigative Dermatology</i> , 1978, 70, 11-15.	0.3	39
49	Invasive oral cancer stem cells display resistance to ionising radiation. <i>Oncotarget</i> , 2015, 6, 43964-43977.	0.8	37
50	Intrinsic Patterns of Behavior of Epithelial Stem Cells. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2004, 9, 208-214.	0.8	34
51	An Examination of the Relationship between Experimentally Altered Rates of Epidermal Proliferations and Rates of Epidermal Metabolism Assayed in Vitro. <i>Journal of Investigative Dermatology</i> , 1980, 74, 402-406.	0.3	33
52	Roles of hypoxia, stem cells and epithelialâ€mesenchymal transition in the spread and treatment resistance of head and neck cancer. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 77-82.	1.4	33
53	The effect of chronic frictional stimulation on hamster cheek pouch epithelium. <i>Archives of Oral Biology</i> , 1973, 18, 1341-IN1.	0.8	32
54	Spatial distribution of mitosis in mouse epidermis. <i>The Anatomical Record</i> , 1975, 181, 705-710.	2.3	31

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55	Construction of large area organotypical cultures of oral mucosa and skin. <i>Journal of Oral Pathology and Medicine</i> , 2003, 32, 422-430.	1.4	31
56	Connective tissue influences on the expression of epithelial cell-surface antigens. <i>Cell and Tissue Research</i> , 1987, 248, 137-141.	1.5	30
57	Lectin binding to murine oral mucosa and skin. <i>Archives of Oral Biology</i> , 1982, 27, 1013-1019.	0.8	29
58	The distribution of blood group antigens in rodent epithelia. <i>Cell and Tissue Research</i> , 1984, 237, 111-6.	1.5	29
59	Keratinocyte growth factor and scatter factor expression by regionally defined oral fibroblasts. <i>European Journal of Oral Sciences</i> , 2003, 111, 42-50.	0.7	29
60	Age-associated changes in Langerhans cells of murine oral epithelium and epidermis. <i>Archives of Oral Biology</i> , 1987, 32, 885-889.	0.8	28
61	Expression of blood group antigen-related carbohydrates by human gingival epithelia. <i>Journal of Periodontal Research</i> , 1989, 24, 289-297.	1.4	28
62	Effects of Cetuximab and Erlotinib on the behaviour of cancer stem cells in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2018, 9, 13488-13500.	0.8	28
63	Isolation of subpopulations of murine epidermal cells using monoclonal antibodies against differentiation-related cell surface molecules. <i>Differentiation</i> , 1989, 41, 127-138.	1.0	23
64	The role of epithelial-mesenchymal interactions in epithelial migration and differentiation. <i>Journal of Periodontal Research</i> , 1984, 19, 656-660.	1.4	21
65	Transforming growth factor-beta response and expression in junctional and oral gingival epithelial cells. <i>Journal of Periodontal Research</i> , 1997, 32, 682-691.	1.4	21
66	Modulation of gingival epithelial phenotypes by interactions with regionally defined populations of fibroblasts. <i>Journal of Periodontal Research</i> , 2008, 43, 279-289.	1.4	21
67	Phenotypic plasticity and epithelial-mesenchymal transition in the behaviour and therapeutic response of oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 649-655.	1.4	20
68	Keratinocyte Growth Factor Expression in Human Gingival Fibroblasts and Stimulation of In Vitro Gene Expression by Retinoic Acid. <i>Journal of Periodontology</i> , 2001, 72, 445-453.	1.7	19
69	The potential of CD44 as a diagnostic and prognostic tool in oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 393-400.	1.4	19
70	Sequential histological changes and mast cell response in skin during chemically-induced carcinogenesis. <i>Journal of Oral Pathology and Medicine</i> , 1983, 12, 300-306.	1.4	17
71	The effects of CD44 downregulation on stem cell properties of head and neck cancer cell lines. <i>Journal of Oral Pathology and Medicine</i> , 2013, 42, 682-690.	1.4	17
72	Single cell migration in oral squamous cell carcinoma – possible evidence of epithelial-mesenchymal transition <i>in vivo</i> . <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 674-679.	1.4	17

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73	Elevation in 5-Fluorouracil-induced apoptosis in Head and Neck Cancer Stem Cells by a combination of CDHP and GSK3 β inhibitors. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 201-207.	1.4	17
74	Reactivity to Epidermal Langerhans Cells to a Histochemical Method for Demonstration of β -Glucuronidase. <i>Journal of Investigative Dermatology</i> , 1982, 78, 239-242.	0.3	16
75	The in vitro behaviour and patterns of colony formation of murine epithelial stem cells. <i>Cell Proliferation</i> , 2007, 40, 706-720.	2.4	16
76	A simple method of orientation and storage of specimens for cryomicrotomy. <i>Journal of Periodontal Research</i> , 1975, 10, 49-49.	1.4	11
77	A method for studying epithelial-mesenchymal interactions in human oral mucosal lesions. <i>European Journal of Oral Sciences</i> , 1979, 87, 234-243.	0.7	10
78	The Diurnal Variation of Epidermal Metabolism. <i>Journal of Investigative Dermatology</i> , 1982, 79, 283-285.	0.3	9
79	Expression of blood group-related glycoconjugates in the junctional and other oral epithelia of rodents. <i>The Anatomical Record</i> , 1995, 241, 310-318.	2.3	9
80	THE RELATIONSHIP BETWEEN EXPRESSION OF EPITHELIAL BLOOD GROUP ANTIGEN, CELL MOVEMENT AND CELL PROLIFERATION. <i>Acta Pathologica Et Microbiologica Scandinavica Section A, Pathology</i> , 1977, 85A, 49-56.	0.1	9
81	Stem cell characteristics of cell sub-populations in cell lines derived from head and neck cancers of Fanconi anemia patients. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 143-152.	1.4	9
82	α 6 Integrin and CD44 Enrich for a Primary Keratinocyte Population That Displays Resistance to UV-Induced Apoptosis. <i>PLoS ONE</i> , 2012, 7, e46968.	1.1	9
83	Differences in the response of rodent oral mucosa and skin to repeated surface trauma. <i>Journal of Prosthetic Dentistry</i> , 1975, 34, 666-674.	1.1	8
84	The Development of Ordered Structure in Neonate Rat Epidermis. <i>Journal of Investigative Dermatology</i> , 1981, 77, 278-282.	0.3	8
85	Cancer stem cells. <i>Annals of Oncology</i> , 2008, 19, v40-v43.	0.6	8
86	SELECTIVE LOSS OF BLOOD GROUP ANTIGENS DURING WOUND HEALING. <i>Acta Pathologica Et Microbiologica Scandinavica Section A, Pathology</i> , 1976, 84A, 445-450.	0.1	8
87	Epithelial stem cells and malignancy. <i>Journal of Anatomy</i> , 2008, 213, 45-51.	0.9	5
88	An Organ Culture Model for Examining Epidermal Desquamation. <i>Journal of Investigative Dermatology</i> , 1985, 85, 314-318.	0.3	4
89	Factors Influencing the Stability of the Gingival Sulcus. , 1988, , 41-49.		4
90	Supramolecular Presentation of Hyaluronan onto Model Surfaces for Studying the Behavior of Cancer Stem Cells. <i>Advanced Biology</i> , 2019, 3, 1900017.	3.0	4

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91	The effects of oral administration of chlorhexidine on the rate of regeneration of epithelia of the oral mucosa and skin of mice. <i>Journal of Periodontal Research</i> , 1974, 9, 181-187.	1.4	3
92	Investigation of the properties of the amoeboid cell, a new cell type in oral cancer. <i>Lancet</i> , The, 2017, 389, S97.	6.3	3
93	An Examination of the Cytology of Uninflamed and Inflamed Gingiva Using a Filter Imprint Technique. <i>Journal of Periodontology</i> , 1976, 47, 477-480.	1.7	1
94	Examination of Topographical Gingival Anatomy by a Filter Imprint Technique. <i>Journal of Periodontology</i> , 1976, 47, 469-476.	1.7	1
95	Implications of the Cancer Stem Cell (CSC) Paradigm for OMFS Patients and Surgeons. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2014, 52, e64.	0.4	0
96	Investigating the role of the newly described OSCC amoeboid phenotype in metastasis and chemoresistance of oral cancer. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, e155-e156.	0.4	0
97	Clinical and translational implications of the amoeboid cell in oral cancer. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2017, 55, e66-e67.	0.4	0