

Jeffrey F Krane

List of Publications by Year in descending order

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126
papers

5,998
citations

53660

45
h-index

79541

73
g-index

128
all docs

128
docs citations

128
times ranked

4970
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of atypia in thyroid fine-needle aspiration specimens. <i>Diagnostic Cytopathology</i> , 2022, 50, 146-153.	0.5	6
2	Ex vivo hypercellular parathyroid gland differentiation using dynamic optical contrast imaging (DOCI). <i>Biomedical Optics Express</i> , 2022, 13, 549.	1.5	5
3	Application of the Milan System for Reporting Salivary Gland Cytopathology in pediatric patients: An international, multi-institutional study. <i>Cancer Cytopathology</i> , 2022, 130, 370-380.	1.4	6
4	Improving risk assessment in indeterminate pediatric thyroid FNA biopsies. <i>Cancer Cytopathology</i> , 2022, 130, 326-327.	1.4	3
5	Should atypical for high-grade urothelial carcinoma and positive for high-grade urothelial carcinoma remain separate categories?. <i>Cancer Cytopathology</i> , 2021, 129, 156-163.	1.4	4
6	Hürthle cell lesions of the thyroid: Progress made and challenges remaining. <i>Cancer Cytopathology</i> , 2021, 129, 347-362.	1.4	14
7	Applications of Computational Pathology in Head and Neck Cytopathology. <i>Acta Cytologica</i> , 2021, 65, 330-334.	0.7	2
8	Afirma Genomic Sequencing Classifier and Xpression Atlas Molecular Findings in Consecutive Bethesda III-VI Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2198-2207.	1.8	37
9	A Tool to Locate Parathyroid Glands Using Dynamic Optical Contrast Imaging. <i>Laryngoscope</i> , 2021, 131, 2391-2397.	1.1	6
10	<i>NTRK</i> , <i>RET</i> , <i>BRAF</i> , and <i>ALK</i> fusions in thyroid fine-needle aspirates (FNAs). <i>Journal of Clinical Oncology</i> , 2021, 39, 6083-6083.	0.8	0
11	Microsecretory Adenocarcinoma of Salivary Glands: An Expanded Series of 24 Cases. <i>Head and Neck Pathology</i> , 2021, 15, 1192-1201.	1.3	29
12	Role of Ancillary Techniques in Thyroid Cytology Specimens. <i>Acta Cytologica</i> , 2020, 64, 40-51.	0.7	26
13	Polymorphous sweat gland carcinoma found to have MYB rearrangement. <i>Histopathology</i> , 2020, 76, 779-781.	1.6	1
14	Refining the criteria for an atypical thyroid aspirate. <i>Cancer Cytopathology</i> , 2020, 128, 158-159.	1.4	0
15	Communicating risk for thyroid FNA: The pursuit of a better metric. <i>Cancer Cytopathology</i> , 2020, 128, 232-235.	1.4	5
16	Malignancy risk for solitary and multiple nodules in Hürthle cell predominant thyroid fine-needle aspirations: A multi-institutional study. <i>Cancer Cytopathology</i> , 2020, 128, 68-75.	1.4	13
17	Next-generation FNA: Expanding the role of cytology in cancer immunotherapy. <i>Cancer Cytopathology</i> , 2020, 128, 780-781.	1.4	1
18	The Afirma Xpression Atlas for thyroid nodules and thyroid cancer metastases: Insights to inform clinical decision-making from a fine-needle aspiration sample. <i>Cancer Cytopathology</i> , 2020, 128, 452-459.	1.4	36

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19	Low-grade Apocrine Intraductal Carcinoma: Expanding the Morphologic and Molecular Spectrum of an Enigmatic Salivary Gland Tumor. <i>Head and Neck Pathology</i> , 2020, 14, 869-875.	1.3	31
20	Cytologic grading of primary malignant salivary gland tumors: A blinded review by an international panel. <i>Cancer Cytopathology</i> , 2020, 128, 392-402.	1.4	24
21	Heterogeneity of p16 immunohistochemistry and increased sensitivity of RNA in situ hybridization in cytology specimens of HPV-related head and neck squamous cell carcinoma. <i>Cancer Cytopathology</i> , 2019, 127, 632-642.	1.4	26
22	Application of the Milan System for Reporting Submandibular Gland Cytopathology: An international, multi-institutional study. <i>Cancer Cytopathology</i> , 2019, 127, 306-315.	1.4	45
23	Independent Comparison of the Afirma Genomic Sequencing Classifier and Gene Expression Classifier for Cytologically Indeterminate Thyroid Nodules. <i>Thyroid</i> , 2019, 29, 650-656.	2.4	80
24	HPV-associated neuroendocrine carcinomas of the head and neck in FNA biopsies: Clinicopathologic features of a rare entity. <i>Cancer Cytopathology</i> , 2019, 127, 26-34.	1.4	14
25	Human Papillomavirus (HPV) Testing of Head and Neck Cancers. , 2019, , 181-197.		3
26	Head and Neck: Thyroid. , 2019, , 159-203.		0
27	Sclerosing mucoepidermoid carcinoma with eosinophilia: Cytologic characterization of a rare distinct entity in the thyroid. <i>Diagnostic Cytopathology</i> , 2018, 46, 632-635.	0.5	13
28	Immunohistochemical Detection and Molecular Characterization of IDH-mutant Sinonasal Undifferentiated Carcinomas. <i>American Journal of Surgical Pathology</i> , 2018, 42, 1067-1075.	2.1	52
29	Quantitative Analysis of the Benefits and Risk of Thyroid Nodule Evaluation in Patients ≥70 Years Old. <i>Thyroid</i> , 2018, 28, 465-471.	2.4	40
30	Molecular Testing of Nodules with a Suspicious or Malignant Cytologic Diagnosis in the Setting of Non-Invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (NIFTP). <i>Endocrine Pathology</i> , 2018, 29, 68-74.	5.2	21
31	Reasons Associated with Total Thyroidectomy as Initial Surgical Management of an Indeterminate Thyroid Nodule. <i>Annals of Surgical Oncology</i> , 2018, 25, 1410-1417.	0.7	12
32	Suggesting the cytologic diagnosis of noninvasive follicular thyroid neoplasm with papillary-like nuclear features (NIFTP): A retrospective analysis of atypical and suspicious nodules. <i>Cancer Cytopathology</i> , 2018, 126, 86-93.	1.4	27
33	Updates in Thyroid Cytology. <i>Surgical Pathology Clinics</i> , 2018, 11, 467-487.	0.7	6
34	Ancillary testing in salivary gland cytology: A practical guide. <i>Cancer Cytopathology</i> , 2018, 126, 627-642.	1.4	36
35	Evaluating the PD-1 Axis and Immune Effector Cell Infiltration in Oropharyngeal Squamous Cell Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 137-145.	0.4	24
36	Application of the Milan Reporting System in Submandibular Gland Fine Needle Aspiration (FNA) Cytology and Risk of Malignancy (ROM) for each Category: An International Multi-institutional Study of 706 Cases. <i>Journal of the American Society of Cytopathology</i> , 2018, 7, S13-S14.	0.2	0

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37	Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance. , 2018, , 49-70.		4
38	Follicular Neoplasm/Suspicious for a Follicular Neoplasm. , 2018, , 71-80.		2
39	Qualifiers of atypia in the cytologic diagnosis of thyroid nodules are associated with different Afirma gene expression classifier results and clinical outcomes. <i>Cancer Cytopathology</i> , 2017, 125, 313-322.	1.4	62
40	Recurrent IDH2 R172X mutations in sinonasal undifferentiated carcinoma. <i>Modern Pathology</i> , 2017, 30, 650-659.	2.9	94
41	Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features Accounts for More Than Half of "Carcinomas" Harboring <i>RAS</i> Mutations. <i>Thyroid</i> , 2017, 27, 506-511.	2.4	84
42	The Flip Side of NIFTP: an Increase in Rates of Unfavorable Histologic Parameters in the Remainder of Papillary Thyroid Carcinomas. <i>Endocrine Pathology</i> , 2017, 28, 171-176.	5.2	24
43	<i>HMGA2</i> is a specific immunohistochemical marker for pleomorphic adenoma and carcinoma ex pleomorphic adenoma. <i>Histopathology</i> , 2017, 71, 511-521.	1.6	56
44	A case of primary secretory carcinoma of the thyroid with high-grade features. <i>Histopathology</i> , 2017, 71, 665-669.	1.6	15
45	Adequacy criteria for thyroid FNA evaluated by ThinPrep slides only. <i>Cancer Cytopathology</i> , 2017, 125, 534-543.	1.4	21
46	Prevalence of Contralateral Tumors in Patients with Follicular Variant of Papillary Thyroid Cancer. <i>Journal of the American College of Surgeons</i> , 2017, 224, 1021-1027.	0.2	12
47	Differential Growth Rates of Benign vs. Malignant Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4642-4647.	1.8	38
48	Diffuse Staining for Activated NOTCH1 Correlates With NOTCH1 Mutation Status and Is Associated With Worse Outcome in Adenoid Cystic Carcinoma. <i>American Journal of Surgical Pathology</i> , 2017, 41, 1473-1482.	2.1	32
49	A modified reporting approach for thyroid FNA in the NIFTP era: A 1-year institutional experience. <i>Cancer Cytopathology</i> , 2017, 125, 854-864.	1.4	22
50	Primary Benign and Malignant Thyroid Neoplasms With Signet Ring Cells. <i>American Journal of Clinical Pathology</i> , 2017, 148, 251-258.	0.4	16
51	Unusual pleomorphic adenoma of the lacrimal Gland: Immunohistochemical demonstration of PLAG1 and HMGA2 oncoproteins. <i>Survey of Ophthalmology</i> , 2017, 62, 219-226.	1.7	7
52	Highlights for the cytology community from the 2015 American Thyroid Association clinical guidelines on the management of thyroid nodules and well-differentiated thyroid cancer. <i>Cancer Cytopathology</i> , 2016, 124, 453-456.	1.4	8
53	Clinical, Sonographic, and Pathological Characteristics of RAS-Positive Versus BRAF-Positive Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4938-4944.	1.8	21
54	The Bethesda System for Reporting Thyroid Cytopathology: proposed modifications and updates for the second edition from an international panel. <i>Journal of the American Society of Cytopathology</i> , 2016, 5, 245-251.	0.2	23

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55	Preoperative Cytologic Diagnosis of Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features: A Prospective Analysis. <i>Thyroid</i> , 2016, 26, 1466-1471.	2.4	108
56	Coming to terms with <sc>NIFTP</sc>: A provisional approach for cytologists. <i>Cancer Cytopathology</i> , 2016, 124, 767-772.	1.4	66
57	The Bethesda System for Reporting Thyroid Cytopathology: Proposed Modifications and Updates for the Second Edition from an International Panel. <i>Acta Cytologica</i> , 2016, 60, 399-405.	0.7	110
58	Distinctive Patterns of CTNNB1 (β -Catenin) Alterations in Salivary Gland Basal Cell Adenoma and Basal Cell Adenocarcinoma. <i>American Journal of Surgical Pathology</i> , 2016, 40, 1143-1150.	2.1	90
59	Usefulness of translocation-associated immunohistochemical stains in the fine-needle aspiration diagnosis of salivary gland neoplasms. <i>Cancer Cytopathology</i> , 2016, 124, 397-405.	1.4	42
60	Noninvasive Follicular Variant of Papillary Thyroid Carcinoma and the Afirma Gene-Expression Classifier. <i>Thyroid</i> , 2016, 26, 911-915.	2.4	62
61	Incorporation of Next-Generation Sequencing into Routine Clinical Care to Direct Treatment of Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 2939-2949.	3.2	51
62	Bethesda Categorization of Thyroid Nodule Cytology and Prediction of Thyroid Cancer Type and Prognosis. <i>Thyroid</i> , 2016, 26, 256-261.	2.4	66
63	<i>BRAF</i> testing and thyroid FNA. <i>Cancer Cytopathology</i> , 2015, 123, 689-695.	1.4	23
64	Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance. , 2015, 20, 110-114.		0
65	Performance of a Branch Chain RNA In Situ Hybridization Assay for the Detection of High-risk Human Papillomavirus in Head and Neck Squamous Cell Carcinoma. <i>American Journal of Surgical Pathology</i> , 2015, 39, 1643-1652.	2.1	43
66	Fine-Needle Aspiration Diagnoses of Noninvasive Follicular Variant of Papillary Thyroid Carcinoma. <i>American Journal of Clinical Pathology</i> , 2015, 144, 850-857.	0.4	108
67	The Impact of Noninvasive Follicular Variant of Papillary Thyroid Carcinoma on Rates of Malignancy for Fine-Needle Aspiration Diagnostic Categories. <i>Thyroid</i> , 2015, 25, 987-992.	2.4	228
68	Performance of the Afirma Gene Expression Classifier in $\frac{1}{4}$ thle Cell Thyroid Nodules Differs from Other Indeterminate Thyroid Nodules. <i>Thyroid</i> , 2015, 25, 789-796.	2.4	112
69	Molecular analysis of residual ThinPrep material from thyroid FNAs increases diagnostic sensitivity. <i>Cancer Cytopathology</i> , 2015, 123, 356-361.	1.4	70
70	The Influence of Patient Age on Thyroid Nodule Formation, Multinodularity, and Thyroid Cancer Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4434-4440.	1.8	144
71	The variable phenotype and low-risk nature of RAS-positive thyroid nodules. <i>BMC Medicine</i> , 2015, 13, 184.	2.3	65
72	Influence of descriptive terminology on management of atypical thyroid fine-needle aspirates. <i>Cancer Cytopathology</i> , 2014, 122, 175-181.	1.4	12

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73	FNAB of benign thyroid nodules with papillary hyperplasia: A cytological and histological evaluation. <i>Cancer Cytopathology</i> , 2014, 122, 666-677.	1.4	26
74	Human papillomavirus-associated adenocarcinoma of the palatine tonsil reply. <i>Human Pathology</i> , 2014, 45, 895.	1.1	0
75	Human Papillomavirus-Associated Adenocarcinoma of the Base of Tongue: Potentially Actionable Genetic Changes. <i>Head and Neck Pathology</i> , 2014, 8, 151-156.	1.3	10
76	Lessons from early clinical experience with the Afirma gene expression classifier. <i>Cancer Cytopathology</i> , 2014, 122, 715-719.	1.4	22
77	Head and Neck: Thyroid. , 2014, , 123-159.		0
78	Immunohistochemical Features of Lacrimal Gland Epithelial Tumors. <i>American Journal of Ophthalmology</i> , 2013, 156, 1147-1158.e1.	1.7	28
79	Human papillomavirus-associated adenocarcinoma of the base of the tongue. <i>Human Pathology</i> , 2013, 44, 1516-1523.	1.1	19
80	Role of Cytology in the Diagnosis and Management of HPV-Associated Head and Neck Carcinoma. <i>Acta Cytologica</i> , 2013, 57, 117-126.	0.7	49
81	Relative sensitivity of thyroid fine-needle aspiration by tumor type and size. <i>Diagnostic Cytopathology</i> , 2013, 41, 871-875.	0.5	14
82	Can changing the terminology for benign aspirates reduce the atypia of undetermined significance/follicular lesion of undetermined significance rate in thyroid fine-needle aspirates?. <i>Cancer Cytopathology</i> , 2013, 121, 175-178.	1.4	22
83	Trastuzumab for the Treatment of Salivary Duct Carcinoma. <i>Oncologist</i> , 2013, 18, 294-300.	1.9	155
84	Biomarkers of HPV in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2012, 72, 5004-5013.	0.4	122
85	HPV-associated Neuroendocrine Carcinoma of the Oropharynx. <i>American Journal of Surgical Pathology</i> , 2012, 36, 321-330.	2.1	102
86	Disseminated Carcinoma Ex Pleomorphic Adenoma in an Adolescent Confirmed by Application of PLAG1 Immunohistochemistry and FISH for PLAG1 Rearrangement. <i>Head and Neck Pathology</i> , 2012, 6, 377-383.	1.3	11
87	PLAG1 Alteration in Carcinoma Ex Pleomorphic Adenoma: Immunohistochemical and Fluorescence In Situ Hybridization Studies of 22 Cases. <i>Head and Neck Pathology</i> , 2012, 6, 328-335.	1.3	89
88	The atypical thyroid fine-needle aspiration: Past, present, and future. <i>Cancer Cytopathology</i> , 2012, 120, 73-86.	1.4	101
89	The atypia of undetermined significance/follicular lesion of undetermined significance:malignant ratio. <i>Cancer Cytopathology</i> , 2012, 120, 111-116.	1.4	119
90	Features associated with locoregional spread of papillary carcinoma correlate with diagnostic category in the Bethesda System for reporting thyroid cytopathology. <i>Cancer Cytopathology</i> , 2012, 120, 245-253.	1.4	56

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91	Atypia of Undetermined Significance and Nondiagnostic Rates in The Bethesda System for Reporting Thyroid Cytopathology Are Inversely Related. American Journal of Clinical Pathology, 2012, 137, 462-465.	0.4	35
92	A subset of cutaneous and soft tissue mixed tumors are genetically linked to their salivary gland counterpart. Genes Chromosomes and Cancer, 2012, 51, 140-148.	1.5	99
93	Clinical Outcome for Atypia of Undetermined Significance in Thyroid Fine-Needle Aspirations. American Journal of Clinical Pathology, 2011, 135, 770-775.	0.4	197
94	A Comprehensive Analysis of PAX8 Expression in Human Epithelial Tumors. American Journal of Surgical Pathology, 2011, 35, 816-826.	2.1	402
95	Usefulness of Diagnostic Qualifiers for Thyroid Fine-Needle Aspirations With Atypia of Undetermined Significance. American Journal of Clinical Pathology, 2011, 136, 572-577.	0.4	102
96	The Frequency of "Atypia of Undetermined Significance" Interpretations for Thyroid Fine-Needle Aspirations Is Negatively Correlated with Histologically Proven Malignant Outcomes. Acta Cytologica, 2011, 55, 512-517.	0.7	57
97	Repeatedly Nondiagnostic Thyroid Fine-Needle Aspirations Do Not Modify Malignancy Risk. Acta Cytologica, 2011, 55, 539-543.	0.7	20
98	Glandular Neoplasia of the Cervix. , 2011, , 328-378.		9
99	PAX8 Reliably Distinguishes Ovarian Serous Tumors From Malignant Mesothelioma. American Journal of Surgical Pathology, 2010, 34, 627-635.	2.1	201
100	Polymerase Chain Reaction Detection of HPV in Squamous Carcinoma of the Oropharynx. American Journal of Clinical Pathology, 2010, 134, 36-41.	0.4	43
101	Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance. , 2010, , 37-49.		30
102	Salivary Gland. , 2009, , 285-318.		2
103	Cytomorphologic features of poorly differentiated thyroid carcinoma. Cancer Cytopathology, 2009, 117, 185-194.	1.4	61
104	A Pilot Surrogate Endpoint Biomarker Study of Celecoxib in Oral Premalignant Lesions. Cancer Prevention Research, 2008, 1, 339-348.	0.7	24
105	Chemoradiotherapy for Adenoid Cystic Carcinoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2006, 29, 153-157.	0.6	67
106	Immunohistochemical Distinction of Intestinal-Type Sinonasal Adenocarcinoma from Metastatic Adenocarcinoma of Intestinal Origin. Annals of Otology, Rhinology and Laryngology, 2006, 115, 59-64.	0.6	23
107	Chemoradiation-Induced Cell Loss in Human Submandibular Glands. Laryngoscope, 2005, 115, 958-964.	1.1	30
108	Telomerase Activity Predicts Malignancy in Percutaneous Image-guided Needle Biopsy Specimens of the Abdomen and Pelvis. Radiology, 2005, 234, 941-947.	3.6	2

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109	Atypical Glandular Cells of Undetermined Significance. American Journal of Clinical Pathology, 2004, 121, 87-92.	0.4	65
110	Thyroid transcription factor-1, but not p53, is helpful in distinguishing moderately differentiated neuroendocrine carcinoma of the larynx from medullary carcinoma of the thyroid. Modern Pathology, 2004, 17, 631-636.	2.9	57
111	Atypical glandular cells of undetermined significance. Outcome predictions based on human papillomavirus testing. American Journal of Clinical Pathology, 2004, 121, 87-92.	0.4	23
112	Atypical Glandular Cells of Undetermined Significance (AGUS). American Journal of Clinical Pathology, 2002, 117, 96-102.	0.4	86
113	Papanicolaou smear sensitivity for the detection of adenocarcinoma of the cervix. Cancer, 2001, 93, 8-15.	2.0	97
114	Cytologic findings in granular cell tumors, with emphasis on the diagnosis of malignant granular cell tumor by fine-needle aspiration biopsy. Cancer, 2001, 93, 398-408.	2.0	51
115	Extensively Keratinized Squamous Intraepithelial Lesions of the Cervix Are Difficult to Grade. American Journal of Clinical Pathology, 2001, 115, 80-84.	0.4	10
116	Papanicolaou smear sensitivity for the detection of adenocarcinoma of the cervix. Cancer, 2001, 93, 8-15.	2.0	2
117	Diagnostic utility of calretinin immunohistochemistry in cytologic cell block preparations. Cancer, 2000, 90, 312-319.	2.0	42
118	Subclassifying Atypical Squamous Cells in Thin-Prep Cervical Cytology Correlates with Detection of High-Risk Human Papillomavirus DNA. American Journal of Clinical Pathology, 1999, 112, 384-390.	0.4	46
119	Relative Value and Cost-Effectiveness of Culture and Special Stains in Fine Needle Aspirates of the Lung. Acta Cytologica, 1998, 42, 305-311.	0.7	14
120	Single amino acid substitutions in EGF-like elements of notch and delta modify drosophila development and affect cell adhesion in vitro. Neuron, 1992, 9, 847-859.	3.8	120
121	Anthralin Decreases Keratinocyte TGF- β Expression and EGF-Receptor Binding In Vitro. Journal of Investigative Dermatology, 1992, 98, 680-685.	0.3	37
122	Role of T Cell Activation in the Pathogenesis of Psoriasis. Annals of the New York Academy of Sciences, 1991, 636, 377-379.	1.8	10
123	Synergistic Effects of Epidermal Growth Factor (EGF) and Insulin-Like Growth Factor I/Somatomedin C (IGF-I) on Keratinocyte Proliferation May Be Mediated by IGF-I Transmodulation of the EGF Receptor. Journal of Investigative Dermatology, 1991, 96, 419-424.	0.3	104
124	Increased Dermal Expression of Platelet-Derived Growth Factor Receptors in Growth-Activated Skin Wounds and Psoriasis. Journal of Investigative Dermatology, 1990, 96, 983-986.	0.3	49
125	Role of Growth Factors, Cytokines, and Their Receptors in the Pathogenesis of Psoriasis. Journal of Investigative Dermatology, 1990, 94, s135-s140.	0.3	220
126	TGF- β and TGF- β expression during sodium-N-butyrate-induced differentiation of human keratinocytes: Evidence for subpopulation-specific up-regulation of TGF- β mRNA in suprabasal cells. Experimental Cell Research, 1990, 191, 286-291.	1.2	25