

John J Sauk

List of Publications by Year in descending order

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101
papers

4,184
citations

101543

36
h-index

118850

62
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105
all docs

105
docs citations

105
times ranked

3867
citing authors

#	ARTICLE	IF	CITATIONS
1	Dentin Sialophosphoprotein Knockout Mouse Teeth Display Widened Predentin Zone and Develop Defective Dentin Mineralization Similar to Human Dentinogenesis Imperfecta Type III. <i>Journal of Biological Chemistry</i> , 2003, 278, 24874-24880.	3.4	366
2	High mobility group A2 is a target for miRNA-98 in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , 2007, 6, 5.	19.2	256
3	Mammalian Target of Rapamycin, a Molecular Target in Squamous Cell Carcinomas of the Head and Neck. <i>Cancer Research</i> , 2005, 65, 9953-9961.	0.9	212
4	Human Periodontal Cells Initiate Mineral-Like Nodules In Vitro. <i>Journal of Periodontology</i> , 1991, 62, 499-503.	3.4	202
5	Persistent Activation of the Akt Pathway in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 4029-4037.	7.0	163
6	Malignant melanotic neuroectodermal tumor of infancy. A clinical, pathologic, ultrastructural and tissue culture study. <i>Cancer</i> , 1979, 43, 1389-1410.	4.1	146
7	Human bone sialoprotein I and II enhance fibroblast attachment in vitro. <i>Calcified Tissue International</i> , 1988, 43, 50-53.	3.1	123
8	Mechanism of fibroblast attachment to bone extracellular matrix: Role of a 44 kilodalton bone phosphoprotein. <i>Journal of Bone and Mineral Research</i> , 1987, 2, 259-265.	2.8	113
9	Hsp47 and Cyclophilin B Traverse the Endoplasmic Reticulum with Procollagen into Pre-Golgi Intermediate Vesicles. <i>Journal of Biological Chemistry</i> , 1995, 270, 18323-18328.	3.4	106
10	Cell Attachment Activity of the 44 Kilodalton Bone Phosphoprotein is not Restricted to Bone Cells. <i>Matrix Biology</i> , 1989, 9, 49-54.	1.7	85
11	Tissue Engineering Solutions for Cleft Palates. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 2503-2511.	1.2	79
12	Hsp47 a novel collagen binding serpin chaperone, autoantigen and therapeutic target. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 107.	3.0	72
13	The acro-osteolysis syndrome: Morphologic and biochemical studies. <i>Journal of Pediatrics</i> , 1976, 88, 573-580.	1.8	71
14	Molecular markers associated with development and progression of potentially premalignant oral epithelial lesions: Current knowledge and future implications. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 125, 650-669.	0.4	71
15	Association of Hsp47, Grp78, and Grp94 with procollagen supports the successive or coupled action of molecular chaperones. <i>Journal of Cellular Biochemistry</i> , 1994, 56, 518-526.	2.6	68
16	Histopathological and Lymphangiogenic Parameters in Relation to Lymph Node Metastasis in Early Stage Oral Squamous Cell Carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 475-484.	1.2	68
17	Alteration in expression of MMP-1 and MMP-2 but not TIMP-1 and TIMP-2 in hereditary gingival fibromatosis is mediated by TGF-beta1 autocrine stimulation. <i>Journal of Periodontal Research</i> , 1999, 34, 457-463.	2.7	67
18	Oral plasmablastic lymphoma in an HIV-negative patient: A case report and review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 100, 198-206.	1.4	64

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19	Oral and dental manifestations of vitamin D-dependent rickets type I: Report of a pediatric case. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 95, 705-709.	1.4	56
20	Oral leiomyosarcoma: review of the literature and report of two cases with assessment of the prognostic and diagnostic significance of immunohistochemical and molecular markers. <i>Oral Oncology</i> , 2002, 38, 201-208.	1.5	54
21	Up-regulation of SIBLING proteins and correlation with cognate MMP expression in oral cancer. <i>Oral Oncology</i> , 2007, 43, 920-932.	1.5	54
22	Cyclic acetal hydrogel system for bone marrow stromal cell encapsulation and osteodifferentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 662-670.	4.0	51
23	Cowden syndrome: Report of a case with immunohistochemical analysis and review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 101, 625-631.	1.4	50
24	Loss of heterozygosity of p53 in oral cancers demonstrated by the polymerase chain reaction. <i>Cancer</i> , 1993, 71, 1933-1937.	4.1	49
25	Primary Sjögren syndrome in childhood: report of a case and review of the literature. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 96, 42-47.	1.4	48
26	HSP 47 is localized to regions of type I collagen production in developing murine femurs and molars. <i>Connective Tissue Research</i> , 1993, 29, 273-286.	2.3	47
27	PPAR γ -mediated antineoplastic effect of NSAID sulindac on human oral squamous carcinoma cells. <i>International Journal of Cancer</i> , 2002, 98, 817-823.	5.1	47
28	Oral inflammatory myofibroblastic tumor demonstrating ALK, p53, MDM2, CDK4, pRb, and Ki-67 immunoreactivity in an elderly patient. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 99, 716-726.	1.4	47
29	Heat shock (stress) proteins and CD4 ⁺ T lymphocytes in oral lichen planus. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1995, 80, 698-704.	1.4	45
30	Lead inhibits secretion of osteonectin/SPARC without significantly altering collagen or Hsp47 production in osteoblast-like ROS 172.8 cells. <i>Toxicology and Applied Pharmacology</i> , 1992, 116, 240-247.	2.8	42
31	Autosomal recessive pigmented hypomaturation amelogenesis imperfecta. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1973, 36, 367-382.	0.6	39
32	Cutaneous Papillomatous Hyperplasia in Cyclosporine-A Treated Beagles. <i>Journal of Investigative Dermatology</i> , 1989, 93, 224-230.	0.7	39
33	Biomarkers predictive of lymph node metastases in oral squamous cell carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 142-147.	1.2	39
34	Sulindac Induces Apoptosis and Inhibits Tumor Growth In Vivo in Head and Neck Squamous Cell Carcinoma. <i>Neoplasia</i> , 2007, 9, 192-199.	5.3	39
35	An electron optic analysis and explanation for the etiology of dentinal dysplasia. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1972, 33, 763-771.	0.6	38
36	Water-soluble polymers for targeted drug delivery to human squamous carcinoma of head and neck. <i>Journal of Drug Targeting</i> , 2005, 13, 189-197.	4.4	38

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37	Loss of heterozygosity involving the APC gene in oral squamous cell carcinomas. Oral Surgery, Oral Medicine, and Oral Pathology, 1994, 77, 260-263.	0.6	37
38	Endoplasmic reticulum protein HSP47 binds specifically to the N-Terminal globular domain of the amino-propeptide of the procollagen I $\alpha 1(I)$ -chain. Journal of Cellular Biochemistry, 1995, 59, 350-367.	2.6	36
39	Are we on the brink of nonsurgical treatment for ameloblastoma?. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 68-78.	1.4	35
40	Immunohistochemical evaluation of cell proliferation antigen Ki-67 and apoptosis-related proteins Bcl-2 and caspase-3 in oral granular cell tumor. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 96, 566-572.	1.4	34
41	Cell surface colligin/Hsp47 associates with tetraspanin protein CD9 in epidermoid carcinoma cell lines. , 1999, 73, 248-258.		33
42	The role of apoptosis in oral disease: Mechanisms; aberrations in neoplastic, autoimmune, infectious, hematologic, and developmental diseases; and therapeutic opportunities. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2004, 97, 476-490.	1.4	31
43	MDM2+/CDK4+/p53+ oral liposarcoma: Case report and review of the literature. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2001, 92, 194-201.	1.4	30
44	Hypoxia-inducible factor-1alpha polymorphisms and TSC1/2 mutations are complementary in head and neck cancers. Molecular Cancer, 2006, 5, 3.	19.2	30
45	Tissue response and orbital floor regeneration using cyclic acetal hydrogels. Journal of Biomedical Materials Research - Part A, 2009, 90A, 819-829.	4.0	30
46	Persistent spreading of ligament cells on osteopontin/bone sialoprotein-I or collagen enhances tolerance to heat shock. Experimental Cell Research, 1990, 188, 105-110.	2.6	29
47	Taurodontism, diminished root formation, and microcephalic dwarfism. Oral Surgery, Oral Medicine, and Oral Pathology, 1973, 36, 231-235.	0.6	28
48	Liposarcoma of the oral cavity. Clinical, tissue culture, and ultrastructure study of a case. Journal of Oral Pathology and Medicine, 1982, 11, 263-275.	2.7	28
49	Immunohistochemical Expression of Angiogenesis-Related Markers in Oral Squamous Cell Carcinomas With Multiple Metastatic Lymph Nodes. American Journal of Clinical Pathology, 2003, 119, 574-586.	0.7	28
50	Globodontia in the otodontal syndrome. Oral Surgery, Oral Medicine, and Oral Pathology, 1976, 41, 472-483.	0.6	27
51	Hsp47 and Other ER-Resident Molecular Chaperones Form Heterocomplexes with Each Other and with Collagen Type IV Chains. Connective Tissue Research, 1996, 33, 265-273.	2.3	27
52	Increase in Expression of Hsp47 and Collagen in Hereditary Gingival Fibromatosis is Modulated by Stress and Terminal Procollagen N-Propeptides. Connective Tissue Research, 1999, 40, 237-249.	2.3	26
53	Clinical, histologic, cytologic, and ultrastructural characteristics of the oral lesions from hereditary mucoepithelial dysplasia. Oral Surgery, Oral Medicine, and Oral Pathology, 1978, 46, 645-657.	0.6	25
54	Hsp47 Binds to the KDEL Receptor and Cell Surface Expression is Modulated by Cytoplasmic and Endosomal pH. Connective Tissue Research, 1998, 37, 105-119.	2.3	25

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55	Myofibromatosis: A case report with a unique clinical presentation. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 99, 325-330.	1.4	23
56	The nonsteroidal anti-inflammatory drug sulindac causes down-regulation of signal transducer and activator of transcription 3 in human oral squamous cell carcinoma cells. <i>Cancer Research</i> , 2002, 62, 1004-7.	0.9	23
57	Expression of constitutive and inducible HSP70 and HSP47 is enhanced in cells persistently spread on OPN1 or collagen. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 135-142.	2.1	21
58	Histopathological analysis and demonstration of EBV and HIV p-24 antigen but not CMV expression in labial minor salivary glands of HIV patients affected by diffuse infiltrative lymphocytosis syndrome. <i>Journal of Oral Pathology and Medicine</i> , 2003, 32, 431-437.	2.7	21
59	Characterization of cyclic acetal hydroxyapatite nanocomposites for craniofacial tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 408-418.	4.0	21
60	Immunohistochemical Expression of Angiogenesis-Related Markers in Oral Squamous Cell Carcinomas With Multiple Metastatic Lymph Nodes. <i>American Journal of Clinical Pathology</i> , 2003, 119, 574-586.	0.7	20
61	Influence of Prostaglandins E1, E2, and Arachidonate on Melanosomes in Melanocytes and Keratinocytes of Anagen Hair Bulbs in Vitro. <i>Journal of Investigative Dermatology</i> , 1975, 64, 332-337.	0.7	19
62	Binding motifs of CBP2 a potential cell surface target for carcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2000, 78, 251-263.	2.6	17
63	Tonsil Epithelial Factors May Influence Oropharyngeal Human Immunodeficiency Virus Transmission. <i>American Journal of Pathology</i> , 2007, 171, 571-579.	3.8	17
64	Intraoral proliferative myositis: Case report and literature review. <i>Head and Neck</i> , 2007, 29, 416-420.	2.0	17
65	Diverse forms of stress results in changes in cellular levels of osteonectin/SPARC without altering mRNA levels in osteoligament cells. <i>Calcified Tissue International</i> , 1991, 49, 58-62.	3.1	15
66	Novel Adenoviral Gene Delivery System Targeted Against Head and Neck Cancer. <i>Laryngoscope</i> , 2008, 118, 650-658.	2.0	15
67	Cyclic Acetal Hydroxyapatite Nanocomposites for Orbital Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2010, 16, 55-65.	3.1	15
68	Immunogold staining of microtubules in resting and activated platelets. <i>American Journal of Hematology</i> , 1987, 24, 177-188.	4.1	14
69	Challenges Associated with Regeneration of Orbital Floor Bone. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 541-550.	4.8	14
70	Understanding the complex pathogenesis of oral cancer: A comprehensive review. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 132, 566-579.	0.4	14
71	The production of the endostatin precursor collagen XVIII in head and neck carcinomas is modulated by CBP2/Hsp47. <i>Anticancer Research</i> , 2002, 22, 1977-82.	1.1	13
72	The interaction of bovine dentine phosphophoryn and collagen during fibrillogenesis of collagen in vitro. <i>BBA - Proteins and Proteomics</i> , 1983, 742, 49-53.	2.1	12

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73	Histopathology and electron and immunofluorescence microscopy of gingivitis granulomatosa associated with glossitis and cheilitis in a case of Anderson-Fabry disease. Oral Surgery, Oral Medicine, and Oral Pathology, 1978, 46, 540-554.	0.6	11
74	Granulomatous Gingivitis in Anderson-Fabry Disease. Journal of Periodontology, 1980, 51, 95-101.	3.4	10
75	Electron-Microscopical Studies of Conformational Changes in Dentinal Phosphophoryn. Collagen and Related Research, 1983, 3, 505-510.	2.0	10
76	Non-natural CBP2 binding peptides and peptomers modulate carcinoma cell adhesion and invasion. Journal of Cellular Biochemistry, 2001, 82, 145-154.	2.6	10
77	Endostatin inhibits nitric oxide and diminishes VEGF and collagen XVIII in squamous carcinoma cells. International Journal of Cancer, 2005, 114, 195-201.	5.1	10
78	COX-independent antineoplastic effects of sulindac in oral cancer are mediated by survivin down-regulation. Anticancer Research, 2006, 26, 4103-13.	1.1	10
79	Immunohistochemical expression of the oncogenic molecules active Stat3 and survivin in benign and malignant salivary gland tumors. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, 837-843.	1.4	9
80	Electron optic analysis of human dentin in hypophosphatemic vitamin D-resistant rickets (Report of a) Tj ETQq0 0 0,rgBT /Overlock 10 Tt	2.7	8
81	Glycosaminoglycans of pre-dentin, peritubular dentin, and dentin: A biochemical and electron microscopic study. Oral Surgery, Oral Medicine, and Oral Pathology, 1976, 41, 623-630.	0.6	8
82	Antibodies to HTLV-1 in Saliva of Seropositive Individuals from Japan. Viral Immunology, 1987, 1, 241-246.	1.3	8
83	Monomorphic post-transplant lymphoproliferative disorder of the tongue: case report and review of literature. Diagnostic Pathology, 2007, 2, 49.	2.0	8
84	Use of a phosphophoryn-Ca+2-collagen composition that mimics a mineralization front in uncortical defects in long bones. Journal of Biomedical Materials Research Part B, 1991, 25, 609-619.	3.1	7
85	Estrogen Suppression Induces Papillary Gingival Overgrowth in Pregnant Baboons. Journal of Periodontology, 2004, 75, 693-701.	3.4	7
86	Targeting of epidermal growth factor receptor by cyclopentenone prostaglandin 15-Deoxy- δ^2 ,14-prostaglandin J2 in human oral squamous carcinoma cells. Cancer Letters, 2004, 211, 97-103.	7.2	7
87	The Role of Intracellular Lysosomal Enzymes in the Autocellular-surveillance of Unhydroxylated Collagens in Dermal and Gingival Fibroblasts. Journal of Dental Research, 1981, 60, 1045-1052.	5.2	6
88	Abnormal binding of negatively charged serum proteins to diabetic basement membranes is largely a systemic phenomenon. Virchows Archiv A, Pathological Anatomy and Histopathology, 1984, 405, 141-154.	1.4	6
89	Stress Proteins in Development And Disease. Critical Reviews in Oral Biology and Medicine, 1990, 1, 235-245.	4.4	6
90	Glycosaminoglycans of EDTA soluble and insoluble dentin in dentinogenesis imperfecta Type I. Oral Surgery, Oral Medicine, and Oral Pathology, 1976, 41, 753-757.	0.6	5

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91	Expression of melanoma neutral proteinase and collagenase potential by endocytosis. Biochemical and Biophysical Research Communications, 1978, 83, 144-150.	2.1	5
92	Collagen synthesis and turnover following particle phagocytosis in dermal fibroblasts. Nucleic Acids and Protein Synthesis, 1980, 607, 161-170.	1.7	5
93	Immunohistochemical Localization of C-chain Collagen Peptides in Gingiva and the Dental-epithelial Attachment. Journal of Dental Research, 1980, 59, 1997-1998.	5.2	4
94	Immunohistochemical identification of alpha-1-antitrypsin, alpha-1-antichymotrypsin, and lysozyme in focal hyperplastic gingivitis. Oral Surgery, Oral Medicine, and Oral Pathology, 1985, 59, 167-171.	0.6	3
95	Inhibition of Cysteine Proteinases by Autolytic Digestion is Mediated by CBP2/Hsp47. Connective Tissue Research, 2002, 43, 589-594.	2.3	3
96	Interaction of Lipopolysaccharides, Glycolipid, and Lipid A with Acid Soluble Basement Membrane Collagen During Thermal Aggregation. Collagen and Related Research, 1981, 1, 287-293.	2.0	2
97	Systemic Inherited Disorders with Dental Involvement. , 1977, , 24-43.		2
98	Thermal stability of acid-soluble basement membrane collagen aggregates. Biopolymers, 1981, 20, 2695-2700.	2.4	1
99	Some Inherited Conditions Affecting Only Calcified Dental Tissue. , 1977, , 16-23.		1
100	Control of myogenic fusion in B.W. 10139 mouse rhabdomyosarcoma by calcium and cyclic AMP. Experimental and Molecular Pathology, 1977, 26, 302-309.	2.1	0
101	Decrease of Heat Shock Protein 27/28 with Heat Stress in HTLV-I-Transformed Cells. Experimental and Molecular Pathology, 1994, 60, 147-157.	2.1	0