

# Hans Zoellner

## List of Publications by Year in descending order

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62  
papers

1,819  
citations

318942

23  
h-index

312153

41  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2872  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wnt-mediated phenotype switch along the epithelial-mesenchymal axis defines resistance and invasion downstream of ionising radiation in oral squamous cell carcinoma. <i>British Journal of Cancer</i> , 2021, 124, 1921-1933.	2.9	3
2	Career-computer simulation increases perceived importance of learning about rare diseases. <i>BMC Medical Education</i> , 2021, 21, 279.	1.0	2
3	Cell-Projection Pumping of Fibroblast Contents into Osteosarcoma SAOS-2 Cells Correlates with Increased SAOS-2 Proliferation and Migration, as well as Altered Morphology. <i>Biomolecules</i> , 2021, 11, 1875.	1.8	2
4	The Role of Thiocyanate in Modulating Myeloperoxidase Activity during Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6450.	1.8	10
5	On design for additive manufacturing (DAM) parameter and its effects on biomechanical properties of 3D printed ceramic scaffolds. <i>Materials Today Communications</i> , 2020, 23, 101065.	0.9	3
6	Potential Hydrodynamic Cytoplasmic Transfer between Mammalian Cells: Cell-Projection Pumping. <i>Biophysical Journal</i> , 2020, 118, 1248-1260.	0.2	5
7	TrackPad: Software for semi-automated single-cell tracking and lineage annotation. <i>SoftwareX</i> , 2020, 11, 100440.	1.2	12
8	Increased cell size, structural complexity and migration of cancer cells acquiring fibroblast organelles by cell-projection pumping. <i>PLoS ONE</i> , 2019, 14, e0224800.	1.1	8
9	Diagnostic utility of microsurgical carbon dioxide laser excision of oral potentially malignant lesions vs incisional biopsy: a retrospective histopathological review. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 127, 516-525.	0.2	6
10	Roles of functional strain and capsule compression on mandibular cyst expansion and cortication. <i>Archives of Oral Biology</i> , 2019, 98, 1-8.	0.8	5
11	Title is missing!. , 2019, 14, e0224800.		0
12	Title is missing!. , 2019, 14, e0224800.		0
13	Characterization of inter-crystallite peptides in human enamel rods reveals contribution by the Y allele of amelogenin. <i>Journal of Structural Biology</i> , 2018, 204, 26-37.	1.3	3
14	Inhibitory Effects of Angiotensin II Receptor Blockade on Human Tenon Fibroblast Migration and Reactive Oxygen Species Production in Cell Culture. <i>Translational Vision Science and Technology</i> , 2018, 7, 20.	1.1	8
15	A method for investigating the cellular response to cyclic tension or compression in three-dimensional culture. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 11-17.	1.5	0
16	Oral and Systemic Health Effects of Compulsive Areca Nut Use. , 2016, , 785-793.		3
17	Arecoline increases basic fibroblast growth factor but reduces expression of $\alpha_1$ , $\alpha_6$ , $\alpha$ -CSF and $\alpha$ -GM-CSF in human umbilical vein endothelium. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 591-601.	1.4	12
18	A novel cell-stiffness-fingerprinting analysis by scanning atomic force microscopy: comparison of fibroblasts and diverse cancer cell lines. <i>Histochemistry and Cell Biology</i> , 2015, 144, 533-542.	0.8	14

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19	SAOS-2 Osteosarcoma Cells Bind Fibroblasts via ICAM-1 and This Is Increased by Tumour Necrosis Factor- $\alpha$ . PLoS ONE, 2014, 9, e101202.	1.1	9
20	Interferon- $\alpha$ and interferon- $\gamma$ modulate Fas-mediated apoptosis in mitomycin C-resistant human Tenon's fibroblasts. Clinical and Experimental Ophthalmology, 2014, 42, 529-538.	1.3	18
21	Arecoline is cytotoxic for human endothelial cells. Journal of Oral Pathology and Medicine, 2014, 43, 761-769.	1.4	25
22	Nanocrystalline $\beta$ -Ti alloy with high hardness, low Young's modulus and excellent in vitro biocompatibility for biomedical applications. Materials Science and Engineering C, 2013, 33, 3530-3536.	3.8	81
23	Opposite cytokine synthesis by fibroblasts in contact co-culture with osteosarcoma cells compared with transwell co-cultures. Cytokine, 2013, 62, 48-51.	1.4	11
24	TNF- $\alpha$ and TGF- $\beta$ synergistically stimulate elongation of human endothelial cells without transdifferentiation to smooth muscle cell phenotype. Cytokine, 2013, 61, 38-40.	1.4	10
25	P-glycoprotein Blockers Augment the Effect of Mitomycin C on Human Tenon's Fibroblasts. Translational Vision Science and Technology, 2013, 2, 1.	1.1	2
26	Tooth Eruption Results from Bone Remodelling Driven by Bite Forces Sensed by Soft Tissue Dental Follicles: A Finite Element Analysis. PLoS ONE, 2013, 8, e58803.	1.1	57
27	Finite element analysis suggests functional bone strain accounts for continuous post-eruptive emergence of teeth. Archives of Oral Biology, 2012, 57, 1070-1078.	0.8	15
28	Membrane and cytoplasmic marker exchange between malignant neoplastic cells and fibroblasts via intermittent contact: increased tumour cell diversity independent of genetic change. Journal of Pathology, 2012, 228, 495-505.	2.1	13
29	Description of comprehensive dental services supported by the Medicare Chronic Disease Dental Scheme in the first 23 months of operation. Australian and New Zealand Journal of Public Health, 2012, 36, 69-75.	0.8	3
30	Adult Cardiac-Resident MSC-like Stem Cells with a Proepicardial Origin. Cell Stem Cell, 2011, 9, 527-540.	5.2	358
31	Comparison of Microsuture, Interpositional Nerve Graft, and Laser Solder Weld Repair of the Rat Inferior Alveolar Nerve. Journal of Oral and Maxillofacial Surgery, 2011, 69, e246-e255.	0.5	8
32	Dental Infection and Vascular Disease. Seminars in Thrombosis and Hemostasis, 2011, 37, 181-192.	1.5	46
33	Vascularity during wound maturation correlates with fragmentation of serum albumin but not ceruloplasmin, transferrin, or haptoglobin. Wound Repair and Regeneration, 2010, 18, 211-222.	1.5	5
34	Salivary arecoline levels during areca nut chewing in human volunteers. Journal of Oral Pathology and Medicine, 2010, 39, 465-469.	1.4	40
35	Lactobacilli Are Prominent in the Initial Stages of Polymicrobial Infection of Dental Pulp. Journal of Clinical Microbiology, 2010, 48, 1732-1740.	1.8	28
36	Physiotherapeutic treatment improves oral opening in oral submucous fibrosis. Journal of Oral Pathology and Medicine, 2009, 38, 220-226.	1.4	55

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37	The anti-apoptotic activity of albumin for endothelium is inhibited by advanced glycation end products restricting intramolecular movement. Cellular and Molecular Biology Letters, 2009, 14, 575-86.	2.7	11
38	Effect of Low Magnitude and High Frequency Mechanical Stimuli on Defects Healing in Cranial Bones. Journal of Oral and Maxillofacial Surgery, 2008, 66, 1104-1111.	0.5	30
39	Negative Feedback for Endothelial Apoptosis: A Potential Physiological Role for Fibroblast Growth Factor. Journal of Vascular Research, 2008, 45, 193-204.	0.6	9
40	The Anti-Apoptotic Activity of Albumin for Endothelium Is Mediated by a Partially Cryptic Protein Domain and Reduced by Inhibitors of G-Coupled Protein and PI-3 Kinase, but Is Independent of Radical Scavenging or Bound Lipid. Journal of Vascular Research, 2007, 44, 313-324.	0.6	33
41	Interferon- $\alpha$ and Interferon- $\beta$ Sensitize Human Tenon Fibroblasts to Mitomycin-C. , 2007, 48, 3655.		11
42	The application of synchrotron radiation induced X-ray emission in the measurement of zinc and lead in Wistar rat ameloblasts. Archives of Oral Biology, 2007, 52, 938-944.	0.8	12
43	Human Serum Reduces Mitomycin-C Cytotoxicity in Human Tenon's Fibroblasts. , 2006, 47, 946.		18
44	Marked differences in the structures and protein associations of lymphocyte and monocyte CD4: Resolution of a novel CD4 isoform. Immunology and Cell Biology, 2006, 84, 154-165.	1.0	24
45	Expression of mRNA for osteoprotegerin and receptor activator of nuclear factor kappa $\beta$ ligand (RANKL) during root resorption induced by the application of heavy orthodontic forces on rat molars. American Journal of Orthodontics and Dentofacial Orthopedics, 2005, 128, 497-503.	0.8	71
46	Marked structural and functional heterogeneity in CXCR4: Separation of HIV-1 and SDF-1 responses. Immunology and Cell Biology, 2005, 83, 129-143.	1.0	47
47	Ultrastructural Changes in Endothelium during Apoptosis Indicate Low Microembolic Potential. Journal of Vascular Research, 2005, 42, 377-387.	0.6	7
48	Role of Extracellular Phospholipases and Mononuclear Phagocytes in Dissemination of Cryptococcosis in a Murine Model. Infection and Immunity, 2004, 72, 2229-2239.	1.0	152
49	SYNERGISTIC INDUCTION OF APOPTOSIS IN HUMAN ENDOTHELIAL CELLS BY TUMOUR NECROSIS FACTOR- $\alpha$ AND TRANSFORMING GROWTH FACTOR- $\beta$ . Cytokine, 2002, 18, 237-241.	1.4	32
50	Microvasculature in gingivitis and chronic periodontitis: Disruption of vascular networks with protracted inflammation. Microscopy Research and Technique, 2002, 56, 15-31.	1.2	67
51	Adipogenic healing in adult mice by implantation of hollow devices in muscle. The Anatomical Record, 2002, 267, 28-36.	2.3	18
52	Fluorometric and Mass Spectrometric Analysis of Nonenzymatic Glycosylated Albumin. Biochemical and Biophysical Research Communications, 2001, 284, 83-89.	1.0	46
53	Human Endothelial Cells Maintain Anti-Aggregatory Activity for Platelets during Apoptosis. Thrombosis and Haemostasis, 2001, 85, 915-923.	1.8	3
54	Inhibition of Microvascular Endothelial Apoptosis in Tissue Explants by Serum Albumin. Microvascular Research, 1999, 57, 162-173.	1.1	47

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55	Fibrinolytic Proteins in Apoptotic Human Umbilical Vein Endothelial Cells. <i>Thrombosis Research</i> , 1998, 91, 209-219.	0.8	16
56	Canalicular Fragmentation of Apoptotic Human Endothelial Cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1996, 4, 177-188.	1.7	16
57	Cytokine regulation of granulocyte-macrophage colony stimulating factor and macrophage colony-stimulating factor production in human arterial smooth muscle cells. <i>Atherosclerosis</i> , 1993, 99, 241-252.	0.4	80
58	Thrombin Stimulates Expression of Tissue-Type Plasminogen Activator and Plasminogen Activator Inhibitor Type 1 in Cultured Human Vascular Smooth Muscle Cells. <i>Thrombosis and Haemostasis</i> , 1993, 70, 469-474.	1.8	65
59	Cytokine Regulation of the Synthesis of Plasminogen Activator Inhibitor-2 by Human Vascular Endothelial Cells. <i>Thrombosis and Haemostasis</i> , 1993, 69, 135-140.	1.8	28
60	Î³-Interferon counteracts interleukin-1Î± stimulated expression of urokinase-type plasminogen activator in human endothelial cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 463-469.	1.0	27
61	Vascular expansion in chronic periodontitis. <i>Journal of Oral Pathology and Medicine</i> , 1991, 20, 433-437.	1.4	42
62	Perivascular hyaline deposits in inflamed gingival tissues. <i>Journal of Oral Pathology and Medicine</i> , 1989, 18, 333-338.	1.4	24