

Hans Zoellner

List of Publications by Year in descending order

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62
papers

1,819
citations

279798

23
h-index

276875

41
g-index

66
all docs

66
docs citations

66
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult Cardiac-Resident MSC-like Stem Cells with a Proepicardial Origin. <i>Cell Stem Cell</i> , 2011, 9, 527-540.	11.1	358
2	Role of Extracellular Phospholipases and Mononuclear Phagocytes in Dissemination of Cryptococcosis in a Murine Model. <i>Infection and Immunity</i> , 2004, 72, 2229-2239.	2.2	152
3	Nanocrystalline $\hat{2}$ -Ti alloy with high hardness, low Young's modulus and excellent in vitro biocompatibility for biomedical applications. <i>Materials Science and Engineering C</i> , 2013, 33, 3530-3536.	7.3	81
4	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.	0.8	80
5	Expression of mRNA for osteoprotegerin and receptor activator of nuclear factor kappa $\hat{2}$ ligand (RANKL) during root resorption induced by the application of heavy orthodontic forces on rat molars. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2005, 128, 497-503.	1.7	71
6	Microvasculature in gingivitis and chronic periodontitis: Disruption of vascular networks with protracted inflammation. <i>Microscopy Research and Technique</i> , 2002, 56, 15-31.	2.2	67
7	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.	3.4	65
8	Tooth Eruption Results from Bone Remodelling Driven by Bite Forces Sensed by Soft Tissue Dental Follicles: A Finite Element Analysis. <i>PLoS ONE</i> , 2013, 8, e58803.	2.5	57
9	Physiotherapeutic treatment improves oral opening in oral submucous fibrosis. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 220-226.	2.7	55
10	Inhibition of Microvascular Endothelial Apoptosis in Tissue Explants by Serum Albumin. <i>Microvascular Research</i> , 1999, 57, 162-173.	2.5	47
11	Marked structural and functional heterogeneity in CXCR4: Separation of HIV $\hat{1}$ and SDF $\hat{1}$ responses. <i>Immunology and Cell Biology</i> , 2005, 83, 129-143.	2.3	47
12	Fluorometric and Mass Spectrometric Analysis of Nonenzymatic Glycosylated Albumin. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 83-89.	2.1	46
13	Dental Infection and Vascular Disease. <i>Seminars in Thrombosis and Hemostasis</i> , 2011, 37, 181-192.	2.7	46
14	Vascular expansion in chronic periodontitis. <i>Journal of Oral Pathology and Medicine</i> , 1991, 20, 433-437.	2.7	42
15	Salivary arecoline levels during areca nut chewing in human volunteers. <i>Journal of Oral Pathology and Medicine</i> , 2010, 39, 465-469.	2.7	40
16	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. <i>Journal of Vascular Research</i> , 2007, 44, 313-324.	1.4	33
17	SYNERGISTIC INDUCTION OF APOPTOSIS IN HUMAN ENDOTHELIAL CELLS BY TUMOUR NECROSIS FACTOR- $\hat{1}$ AND TRANSFORMING GROWTH FACTOR- $\hat{2}$. <i>Cytokine</i> , 2002, 18, 237-241.	3.2	32
18	Effect of Low Magnitude and High Frequency Mechanical Stimuli on Defects Healing in Cranial Bones. <i>Journal of Oral and Maxillofacial Surgery</i> , 2008, 66, 1104-1111.	1.2	30

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19	Lactobacilli Are Prominent in the Initial Stages of Polymicrobial Infection of Dental Pulp. Journal of Clinical Microbiology, 2010, 48, 1732-1740.	3.9	28
20	Cytokine Regulation of the Synthesis of Plasminogen Activator Inhibitor-2 by Human Vascular Endothelial Cells. Thrombosis and Haemostasis, 1993, 69, 135-140.	3.4	28
21	Î³-Interferon counteracts interleukin-1Î± stimulated expression of urokinase-type plasminogen activator in human endothelial cells in vitro. Biochemical and Biophysical Research Communications, 1992, 188, 463-469.	2.1	27
22	Arecoline is cytotoxic for human endothelial cells. Journal of Oral Pathology and Medicine, 2014, 43, 761-769.	2.7	25
23	Perivascular hyaline deposits in inflamed gingival tissues. Journal of Oral Pathology and Medicine, 1989, 18, 333-338.	2.7	24
24	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.	2.3	24
25	Adipogenic healing in adult mice by implantation of hollow devices in muscle. The Anatomical Record, 2002, 267, 28-36.	1.8	18
26	Human Serum Reduces Mitomycin-C Cytotoxicity in Human Tenon's Fibroblasts. , 2006, 47, 946.		18
27	Interferon-Î± and interferon-Î³ modulate F-Î± mediated apoptosis in mitomycin-C-resistant human Tenon's fibroblasts. Clinical and Experimental Ophthalmology, 2014, 42, 529-538.	2.6	18
28	Canalicular Fragmentation of Apoptotic Human Endothelial Cells. Endothelium: Journal of Endothelial Cell Research, 1996, 4, 177-188.	1.7	16
29	Fibrinolytic Proteins in Apoptotic Human Umbilical Vein Endothelial Cells. Thrombosis Research, 1998, 91, 209-219.	1.7	16
30	Finite element analysis suggests functional bone strain accounts for continuous post-eruptive emergence of teeth. Archives of Oral Biology, 2012, 57, 1070-1078.	1.8	15
31	A novel cell-stiffness-fingerprinting analysis by scanning atomic force microscopy: comparison of fibroblasts and diverse cancer cell lines. Histochemistry and Cell Biology, 2015, 144, 533-542.	1.7	14
32	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.	4.5	13
33	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.	1.8	12
34	Arecoline increases basic fibroblast growth factor but reduces expression of IL-1, IL-6, CSF and GM-CSF in human umbilical vein endothelium. Journal of Oral Pathology and Medicine, 2015, 44, 591-601.	2.7	12
35	TrackPad: Software for semi-automated single-cell tracking and lineage annotation. SoftwareX, 2020, 11, 100440.	2.6	12
36	Interferon-Î± and Interferon-Î³ Sensitize Human Tenon Fibroblasts to Mitomycin-C. , 2007, 48, 3655.		11

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37	The anti-apoptotic activity of albumin for endothelium is inhibited by advanced glycation end products restricting intramolecular movement. <i>Cellular and Molecular Biology Letters</i> , 2009, 14, 575-86.	7.0	11
38	Opposite cytokine synthesis by fibroblasts in contact co-culture with osteosarcoma cells compared with transwell co-cultures. <i>Cytokine</i> , 2013, 62, 48-51.	3.2	11
39	TNF- α and TGF- β synergistically stimulate elongation of human endothelial cells without transdifferentiation to smooth muscle cell phenotype. <i>Cytokine</i> , 2013, 61, 38-40.	3.2	10
40	The Role of Thiocyanate in Modulating Myeloperoxidase Activity during Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6450.	4.1	10
41	Negative Feedback for Endothelial Apoptosis: A Potential Physiological Role for Fibroblast Growth Factor. <i>Journal of Vascular Research</i> , 2008, 45, 193-204.	1.4	9
42	SAOS-2 Osteosarcoma Cells Bind Fibroblasts via ICAM-1 and This Is Increased by Tumour Necrosis Factor- α . <i>PLoS ONE</i> , 2014, 9, e101202.	2.5	9
43	Comparison of Microsuture, Interpositional Nerve Graft, and Laser Solder Weld Repair of the Rat Inferior Alveolar Nerve. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e246-e255.	1.2	8
44	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.	2.2	8
45	Increased cell size, structural complexity and migration of cancer cells acquiring fibroblast organelles by cell-projection pumping. <i>PLoS ONE</i> , 2019, 14, e0224800.	2.5	8
46	Ultrastructural Changes in Endothelium during Apoptosis Indicate Low Microembolic Potential. <i>Journal of Vascular Research</i> , 2005, 42, 377-387.	1.4	7
47	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.	0.4	6
48	Vascularity during wound maturation correlates with fragmentation of serum albumin but not ceruloplasmin, transferrin, or haptoglobin. <i>Wound Repair and Regeneration</i> , 2010, 18, 211-222.	3.0	5
49	Roles of functional strain and capsule compression on mandibular cyst expansion and cortication. <i>Archives of Oral Biology</i> , 2019, 98, 1-8.	1.8	5
50	Potential Hydrodynamic Cytoplasmic Transfer between Mammalian Cells: Cell-Projection Pumping. <i>Biophysical Journal</i> , 2020, 118, 1248-1260.	0.5	5
51	Human Endothelial Cells Maintain Anti-Aggregatory Activity for Platelets during Apoptosis. <i>Thrombosis and Haemostasis</i> , 2001, 85, 915-923.	3.4	3
52	Description of comprehensive dental services supported by the Medicare Chronic Disease Dental Scheme in the first 23 months of operation. <i>Australian and New Zealand Journal of Public Health</i> , 2012, 36, 69-75.	1.8	3
53	Oral and Systemic Health Effects of Compulsive Areca Nut Use. , 2016, , 785-793.		3
54	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.	2.8	3

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55	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.	1.9	3
56	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.	6.4	3
57	P-glycoprotein Blockers Augment the Effect of Mitomycin C on Human Tenon's Fibroblasts. <i>Translational Vision Science and Technology</i> , 2013, 2, 1.	2.2	2
58	Career-computer simulation increases perceived importance of learning about rare diseases. <i>BMC Medical Education</i> , 2021, 21, 279.	2.4	2
59	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.	4.0	2
60	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.	3.1	0
61	Title is missing!. , 2019, 14, e0224800.		0
62	Title is missing!. , 2019, 14, e0224800.		0