Zvi Schwartz

List of Publications by Year
in descending order

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115 papers	5,452 citations	126708 33 h-index	91712 69 g-index
116 all docs	116 docs citations	116 times ranked	7192 citing authors

#	Article	IF	Citations
1	Resource Similarity, Market Commonality, and Spatial Distribution of Hotel Competitive Sets. Journal of Hospitality and Tourism Research, 2022, 46, 724-741.	1.8	8
2	Hotel Analytics: The Case for Reverse Competitive Sets. Cornell Hospitality Quarterly, 2022, 63, 559-571.	2.2	2
3	Hotel revenue management forecasting accuracy: the hidden impact of booking windows. Journal of Hospitality and Tourism Insights, 2022, 5, 950-965.	2.2	7
4	miRâ€122 and the WNT/Î²â€catenin pathway inhibit effects of both interleukinâ€1Î² and tumor necrosisÂfactorâ€Î± in articular chondrocytes in vitro. Journal of Cellular Biochemistry, 2022, , .	1.2	6
5	Hydrophilic implants generated using a low-cost dielectric barrier discharge plasma device at the time of placement exhibit increased osseointegration in an animal pre-clinical study: An effect that is sex-dependent. Dental Materials, 2022, 38, 632-645.	1.6	3
6	A Review of Biomimetic Topographies and Their Role in Promoting Bone Formation and Osseointegration: Implications for Clinical Use. Biomimetics, 2022, 7, 46.	1.5	15
7	The Role of Matrix-Bound Extracellular Vesicles in the Regulation of Endochondral Bone Formation. Cells, 2022, 11, 1619.	1.8	14
8	The Relative Expression of ERÎ± Isoforms ERÎ±66 and ERÎ±36 Controls the Cellular Response to 24R,25-Dihydroxyvitamin D3 in Breast Cancer. Molecular Cancer Research, 2021, 19, 99-111.	1.5	5
9	Enhancing the accuracy of revenue management system forecasts: The impact of machine and human learning on the effectiveness of hotel occupancy forecast combinations across multiple forecasting horizons. Tourism Economics, 2021, 27, 273-291.	2.6	11
10	Benchtop plasma treatment of titanium surfaces enhances cell response. Dental Materials, 2021, 37, 690-700.	1.6	12
11	Specific MicroRNAs Found in Extracellular Matrix Vesicles Regulate Proliferation and Differentiation in Growth Plate Chondrocytes. Calcified Tissue International, 2021, 109, 455-468.	1.5	13
12	Advanced Glycation End Products Are Retained in Decellularized Muscle Matrix Derived from Aged Skeletal Muscle. International Journal of Molecular Sciences, 2021, 22, 8832.	1.8	8
13	Differential Effects of Neurectomy and Botox-induced Muscle Paralysis on Bone Phenotype and Titanium Implant Osseointegration. Bone, 2021, 153, 116145.	1.4	10
14	Sex-specific effects of 17Î²-estradiol and dihydrotestosterone (DHT) on growth plate chondrocytes are dependent on both ERÎ± and ERÎ² and require palmitoylation to translocate the receptors to the plasma membrane. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 159028.	1.2	3
15	RNU (Foxn1RNU-Nude) Rats Demonstrate an Improved Ability to Regenerate Muscle in a Volumetric Muscle Injury Compared to Sprague Dawley Rats. Bioengineering, 2021, 8, 12.	1.6	8
16	Advanced Glycation End-Products in Skeletal Muscle Aging. Bioengineering, 2021, 8, 168.	1.6	22
17	Hot isostatic pressure treatment of 3D printed Ti6Al4V alters surface modifications and cellular response. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1262-1273.	1.6	5
18	Acellular mineralized allogenic block bone graft does not remodel during the 10 weeks following concurrent implant placement in a rabbit femoral model. Clinical Oral Implants Research, 2020, 31, 37-48.	1.9	7

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19	Production of osteogenic and angiogenic factors by microencapsulated adipose stem cells varies with culture conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1857-1867.	1.6	7
20	Growth factors produced by bone marrow stromal cells on nanoroughened titaniumâ€“aluminumâ€“vanadium surfaces program distal MSCs into osteoblasts via BMP2 signaling. Journal of Orthopaedic Research, 2020, 39, 1908-1920.	1.2	9
21	Revenue management forecasting: The resiliency of advanced booking methods given dynamic booking windows. International Journal of Hospitality Management, 2020, 89, 102590.	5.3	23
22	Loss of Estrogen Receptors is Associated with Increased Tumor Aggression in Laryngeal Squamous Cell Carcinoma. Scientific Reports, 2020, 10, 4227.	1.6	13
23	Regulation of mesenchymal stem cell differentiation on microstructured titanium surfaces by semaphorin 3A. Bone, 2020, 134, 115260.	1.4	27
24	In vivo evaluation of an electrospun and 3D printed cellular delivery device for dermal wound healing. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2560-2570.	1.6	12
25	Titanium implant surface properties enhance osseointegration in ovariectomy induced osteoporotic rats without pharmacologic intervention. Clinical Oral Implants Research, 2020, 31, 374-387.	1.9	21
26	Bisphosphonates inhibit surfaceâ€mediated osteogenesis. Journal of Biomedical Materials Research - Part A, 2020, 108, 1774-1786.	2.1	15
27	Cell and Tissue Response to Polyethylene Terephthalate Mesh Containing Bone Allograft in Vitro and in Vivo. International Journal of Spine Surgery, 2020, 14, 7135.	0.7	3
28	Advances in Porous Scaffold Design for Bone and Cartilage Tissue Engineering and Regeneration. Tissue Engineering - Part B: Reviews, 2019, 25, 14-29.	2.5	166
29	24R,25-dihydroxyvitamin D3 modulates tumorigenicity in breast cancer in an estrogen receptor-dependent manner. Steroids, 2019, 150, 108447.	0.8	8
30	Osteoblasts grown on microroughened titanium surfaces regulate angiogenic growth factor production through specific integrin receptors. Acta Biomaterialia, 2019, 97, 578-586.	4.1	27
31	Aptamer-Functionalized Fibrin Hydrogel Improves Vascular Endothelial Growth Factor Release Kinetics and Enhances Angiogenesis and Osteogenesis in Critically Sized Cranial Defects. ACS Biomaterials Science and Engineering, 2019, 5, 6152-6160.	2.6	23
32	Estrogen signaling and estrogen receptors as prognostic indicators in laryngeal cancer. Steroids, 2019, 152, 108498.	0.8	13
33	24R,25-Dihydroxyvitamin D3 regulates breast cancer cells in vitro and in vivo. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1498-1512.	1.1	14
34	Do I book at exactly the right time? Airfare forecast accuracy across three price-prediction platforms. Journal of Revenue and Pricing Management, 2019, 18, 281-290.	0.7	6
35	Integrin-Î±7 signaling regulates connexin 43, M-cadherin, and myoblast fusion. American Journal of Physiology - Cell Physiology, 2019, 316, C876-C887.	2.1	25
36	A paradigm shift in revenue management? The new landscape of hotel cancellation policies. Journal of Revenue and Pricing Management, 2019, 18, 434-440.	0.7	4

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37	Whoâ€™s hiding? Room rate discounts in opaque distribution channels. International Journal of Hospitality Management, 2019, 80, 113-122.	5.3	7
38	VEGFâ€A regulates angiogenesis during osseointegration of Ti implants via paracrine/autocrine regulation of osteoblast response to hierarchical microstructure of the surface. Journal of Biomedical Materials Research - Part A, 2019, 107, 423-433.	2.1	25
39	Effect of 17Î²-estradiol on estrogen receptor negative breast cancer cells in an osteolytic mouse model. Steroids, 2019, 142, 28-33.	0.8	5
40	Regulation of extracellular matrix vesicles via rapid responses to steroid hormones during endochondral bone formation. Steroids, 2019, 142, 43-47.	0.8	11
41	Estradiol receptor profile and estrogen responsiveness in laryngeal cancer and clinical outcomes. Steroids, 2019, 142, 34-42.	0.8	9
42	Decellularized Muscle Supports New Muscle Fibers and Improves Function Following Volumetric Injury. Tissue Engineering - Part A, 2018, 24, 1228-1241.	1.6	33
43	Regulation of osteoclasts by osteoblast lineage cells depends on titanium implant surface properties. Acta Biomaterialia, 2018, 68, 296-307.	4.1	68
44	MicroRNA Contents in Matrix Vesicles Produced by Growth Plate Chondrocytes are Cell Maturation Dependent. Scientific Reports, 2018, 8, 3609.	1.6	27
45	Surface modification of bulk titanium substrates for biomedical applications via lowâ€temperature microwave hydrothermal oxidation. Journal of Biomedical Materials Research - Part A, 2018, 106, 782-796.	2.1	16
46	Microencapsulated rabbit adipose stem cells initiate tissue regeneration in a rabbit ear defect model. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1742-1753.	1.3	8
47	Platelet-rich plasma and alignment enhance myogenin via ERK mitogen activated protein kinase signaling. Biomedical Materials (Bristol), 2018, 13, 055009.	1.7	4
48	Human osteoblasts exhibit sexual dimorphism in their response to estrogen on microstructured titanium surfaces. Biology of Sex Differences, 2018, 9, 30.	1.8	20
49	Role of Wnt11 during Osteogenic Differentiation of Human Mesenchymal Stem Cells on Microstructured Titanium Surfaces. Scientific Reports, 2018, 8, 8588.	1.6	24
50	Effects of Tunable Keratin Hydrogel Erosion on Recombinant Human Bone Morphogenetic Protein 2 Release, Bioactivity, and Bone Induction. Tissue Engineering - Part A, 2018, 24, 1616-1630.	1.6	11
51	Comparable responses of osteoblast lineage cells to microstructured hydrophilic titaniumâ€“zirconium and microstructured hydrophilic titanium. Clinical Oral Implants Research, 2017, 28, e51-e59.	1.9	34
52	Laser Sintered Porous Tiâ€“6Alâ€“4V Implants Stimulate Vertical Bone Growth. Annals of Biomedical Engineering, 2017, 45, 2025-2035.	1.3	37
53	Revenue Management and Length-of-Stay-Based Room Pricing. Cornell Hospitality Quarterly, 2017, 58, 393-399.	2.2	21
54	Inhibition of angiogenesis impairs bone healing in an in vivo murine rapid resynostosis model. Journal of Biomedical Materials Research - Part A, 2017, 105, 2742-2749.	2.1	15

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55	Galectinâ€1 promotes an M2 macrophage response to polydioxanone scaffolds. Journal of Biomedical Materials Research - Part A, 2017, 105, 2562-2571.	2.1	40
56	Bone Morphogenetic Protein 2 Alters Osteogenesis and Anti-Inflammatory Profiles of Mesenchymal Stem Cells Induced by Microtextured Titanium In Vitro<sup />. Tissue Engineering - Part A, 2017, 23, 1132-1141.	1.6	24
57	From OTA interface design to hotelsâ€™ revenues: the impact of sorting and filtering functionalities on consumer choices. Journal of Revenue and Pricing Management, 2017, 16, 125-138.	0.7	6
58	<sup />Roughness and Hydrophilicity as Osteogenic Biomimetic Surface Properties. Tissue Engineering - Part A, 2017, 23, 1479-1489.	1.6	107
59	Microencapsulation of Stem Cells for Therapy. Methods in Molecular Biology, 2017, 1479, 251-259.	0.4	14
60	Performance measures for strategic revenue management: RevPAR versus GOPPAR. Journal of Revenue and Pricing Management, 2017, 16, 357-375.	0.7	19
61	Effects of lowâ€frequency ultrasound treatment of titanium surface roughness on osteoblast phenotype and maturation. Clinical Oral Implants Research, 2017, 28, e151-e158.	1.9	10
62	Revenue management analysis with competitive sets. Tourism Economics, 2017, 23, 1206-1219.	2.6	10
63	Substrate Stiffness Controls Osteoblastic and Chondrocytic Differentiation of Mesenchymal Stem Cells without Exogenous Stimuli. PLoS ONE, 2017, 12, e0170312.	1.1	157
64	24R,25-Dihydroxyvitamin D3 Protects against Articular Cartilage Damage following Anterior Cruciate Ligament Transection in Male Rats. PLoS ONE, 2016, 11, e0161782.	1.1	30
65	Novel hydrophilic nanostructured microtexture on direct metal laser sintered Ti-6Al-4V surfaces enhances osteoblast responsein vitroand osseointegration in a rabbit model. Journal of Biomedical Materials Research - Part A, 2016, 104, 2086-2098.	2.1	59
66	Enhanced Osteoblast Response to Porosity and Resolution of Additively Manufactured Ti-6Al-4V Constructs with Trabeculae-Inspired Porosity. 3D Printing and Additive Manufacturing, 2016, 3, 10-21.	1.4	26
67	Selective enrichment of microRNAs in extracellular matrix vesicles produced by growth plate chondrocytes. Bone, 2016, 88, 47-55.	1.4	48
68	Role of integrin Î±7Î²1 signaling in myoblast differentiation on aligned polydioxanone scaffolds. Acta Biomaterialia, 2016, 39, 44-54.	4.1	24
69	Change in surface roughness by dynamic shape-memory acrylate networks enhances osteoblast differentiation. Biomaterials, 2016, 110, 34-44.	5.7	36
70	Laser-Sintered Constructs with Bio-inspired Porosity and Surface Micro/Nano-Roughness Enhance Mesenchymal Stem Cell Differentiation and Matrix Mineralization In Vitro. Calcified Tissue International, 2016, 99, 625-637.	1.5	29
71	Hydrogels derived from cartilage matrices promote induction of human mesenchymal stem cell chondrogenic differentiation. Acta Biomaterialia, 2016, 43, 139-149.	4.1	34
72	Osteogenic response of human MSCs and osteoblasts to hydrophilic and hydrophobic nanostructured titanium implant surfaces. Journal of Biomedical Materials Research - Part A, 2016, 104, 3137-3148.	2.1	71

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73	Characterization of osteoarthritic human knees indicates potential sex differences. Biology of Sex Differences, 2016, 7, 27.	1.8	30
74	Rapid steroid hormone actions via membrane receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2289-2298.	1.9	80
75	Titanium surface characteristics, including topography and wettability, alter macrophage activation. Acta Biomaterialia, 2016, 31, 425-434.	4.1	471
76	Hotel daily occupancy forecasting with competitive sets: a recursive algorithm. International Journal of Contemporary Hospitality Management, 2016, 28, 267-285.	5.3	51
77	Spag17 Deficiency Results in Skeletal Malformations and Bone Abnormalities. PLoS ONE, 2015, 10, e0125936.	1.1	30
78	Regulation of Osteoblast Differentiation by Acid-Etched and/or Grit-Blasted Titanium Substrate Topography Is Enhanced by 1,25(OH)₂D₃in a Sex-Dependent Manner. BioMed Research International, 2015, 2015, 1-9.	0.9	13
79	Role of integrin subunits in mesenchymal stem cell differentiation and osteoblast maturation on graphitic carbon-coated microstructured surfaces. Biomaterials, 2015, 51, 69-79.	5.7	86
80	A review of 1Î±,25(OH)2D3 dependent Pdia3 receptor complex components in Wnt5a non-canonical pathway signaling. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 84-88.	1.2	29
81	Osteogenic Embryoid Body-Derived Material Induces Bone Formation In Vivo. Scientific Reports, 2015, 5, 9960.	1.6	11
82	Coordinated regulation of mesenchymal stem cell differentiation on microstructured titanium surfaces by endogenous bone morphogenetic proteins. Bone, 2015, 73, 208-216.	1.4	34
83	Revenue Management: Progress, Challenges, and Research Prospects. Journal of Travel and Tourism Marketing, 2015, 32, 797-811.	3.1	58
84	Membrane-mediated actions of 1,25-dihydroxy vitamin D3: A review of the roles of phospholipase A2 activating protein and Ca2+/calmodulin-dependent protein kinase II. Journal of Steroid Biochemistry and Molecular Biology, 2015, 147, 81-84.	1.2	51
85	Membrane actions of 1Î±,25(OH)2D3 are mediated by Ca2+/calmodulin-dependent protein kinase II in bone and cartilage cells. Journal of Steroid Biochemistry and Molecular Biology, 2015, 145, 65-74.	1.2	28
86	Accuracy of computerâ€guided implantation in a human cadaver model. Clinical Oral Implants Research, 2015, 26, 1143-1149.	1.9	18
87	Characterization of Distinct Classes of Differential Gene Expression in Osteoblast Cultures from Non-Syndromic Craniosynostosis Bone. Journal of Genomics, 2014, 2, 121-130.	0.6	9
88	Role of ERÎ±36 in membrane-associated signaling by estrogen. Steroids, 2014, 81, 74-80.	0.8	42
89	New insights on membrane mediated effects of 1Î±,25-dihydroxy vitamin D3 signaling in the musculoskeletal system. Steroids, 2014, 81, 81-87.	0.8	30
90	A review on the wettability of dental implant surfaces I: Theoretical and experimental aspects. Acta Biomaterialia, 2014, 10, 2894-2906.	4.1	356

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91	Implant osseointegration and the role of microroughness and nanostructures: Lessons for spine implants. Acta Biomaterialia, 2014, 10, 3363-3371.	4.1	344
92	Estrogen receptor-alpha 36 mediates the anti-apoptotic effect of estradiol in triple negative breast cancer cells via a membrane-associated mechanism. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2796-2806.	1.9	34
93	Mechanical stiffness as an improved single-cell indicator of osteoblastic human mesenchymal stem cell differentiation. Journal of Biomechanics, 2014, 47, 2197-2204.	0.9	61
94	A review on the wettability of dental implant surfaces II: Biological and clinical aspects. Acta Biomaterialia, 2014, 10, 2907-2918.	4.1	607
95	On revenue management and the use of occupancy forecasting error measures. International Journal of Hospitality Management, 2014, 41, 104-114.	5.3	37
96	Signaling components of the 1Î±,25(OH)2D3-dependent Pdia3 receptor complex are required for Wnt5a calcium-dependent signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2365-2375.	1.9	30
97	Impaired Bone Formation in Pdia3 Deficient Mice. PLoS ONE, 2014, 9, e112708.	1.1	19
98	Adipose Stem Cell Microbeads as Production Sources for Chondrogenic Growth Factors. Journal of Stem Cells and Regenerative Medicine, 2014, 10, 38-48.	2.2	7
99	On revenue management and last minute booking dynamics. International Journal of Contemporary Hospitality Management, 2013, 25, 7-22.	5.3	38
100	Hedonic Motivations and the Effectiveness of Risk Perceptionsâ€“Oriented Revenue Management Policies. Journal of Hospitality and Tourism Research, 2012, 36, 232-250.	1.8	20
101	Advanced booking and revenue management: Room rates and the consumersâ€™ strategic zones. International Journal of Hospitality Management, 2006, 25, 447-462.	5.3	56
102	Platelet-Derived Growth Factor Inhibits Demineralized Bone Matrix-Induced Intramuscular Cartilage and Bone Formation. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2052-2064.	1.4	82
103	Subjective Estimates of Occupancy Forecast Uncertainty by Hotel Revenue Managers. Journal of Travel and Tourism Marketing, 2004, 16, 59-66.	3.1	21
104	Hotel Revenue Management With Group Discount Room Rates. Journal of Hospitality and Tourism Research, 2003, 27, 24-47.	1.8	15
105	Mechanisms Involved in Osteoblast Response to Implant Surface Morphology. Annual Review of Materials Research, 2001, 31, 357-371.	4.3	171
106	Inhibition of cyclooxygenase by indomethacin modulates osteoblast response to titanium surface roughness in a time-dependent manner. Clinical Oral Implants Research, 2001, 12, 52-61.	1.9	34
107	Activation of Latent Transforming Growth Factor Î²1 by Stromelysin 1 in Extracts of Growth Plate Chondrocyte-Derived Matrix Vesicles. Journal of Bone and Mineral Research, 2001, 16, 1281-1290.	3.1	84
108	Expression and production of stathmin in growth plate chondrocytes is cell-maturation dependent. Journal of Cellular Biochemistry, 2000, 79, 150-163.	1.2	7

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109	Improving the Accuracy of Hotel Reservations Forecasting: Curves Similarity Approach. Journal of Travel Research, 1997, 36, 3-14.	5.8	84
110	A-ring analogues of 1,25-(OH)2D3 with low affinity for the vitamin D receptor modulate chondrocytes via membrane effects that are dependent on cell maturation. , 1997, 171, 357-367.		21
111	Nongenomic regulation of protein kinase C isoforms by the vitamin D metabolites 1Î±,25-(OH)2D3 and 24R,25-(OH)2D3. , 1996, 167, 380-393.		95
112	Vitamin D Regulation of Metal loproteinase Activity in Matrix Vesicles. Connective Tissue Research, 1996, 35, 331-336.	1.1	64
113	Underlying mechanisms at the bone-biomaterial interface.. Journal of Cellular Biochemistry, 1994, 56, 340-347.	1.2	332
114	Matrix Vesicles as a Marker of Endochondral Ossification. Connective Tissue Research, 1990, 24, 67-75.	1.1	31
115	Risk information and markdowns-induced incentives to participate in hotel room resale schemes. Journal of Revenue and Pricing Management, 0, , 1.	0.7	1