

Sheng Wei Feng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparing the Osteogenic Potentials and Bone Regeneration Capacities of Bone Marrow and Dental Pulp Mesenchymal Stem Cells in a Rabbit Calvarial Bone Defect Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5015.	4.1	115
2	Prophylactic supplement with melatonin successfully suppresses the pathogenesis of periodontitis through normalizing $\langle \text{scp} \rangle \text{RANKL} / \langle \text{scp} \rangle \text{OPG}$ ratio and depressing the $\langle \text{scp} \rangle \text{TLR} / \langle \text{scp} \rangle 4 / \text{MyD88}$ signaling pathway. <i>Journal of Pineal Research</i> , 2018, 64, e12464.	7.4	51
3	Static magnetic field exposure promotes differentiation of osteoblastic cells grown on the surface of a poly-lactide substrate. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 793-798.	2.8	38
4	Melatonin enhances osteogenic differentiation of dental pulp mesenchymal stem cells by regulating MAPK pathways and promotes the efficiency of bone regeneration in calvarial bone defects. <i>Stem Cell Research and Therapy</i> , 2022, 13, 73.	5.5	36
5	Bone Healing Improvements Using Hyaluronic Acid and Hydroxyapatite/Beta-Tricalcium Phosphate in Combination: An Animal Study. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	35
6	An evaluation of the biocompatibility and osseointegration of novel glass fiber reinforced composite implants: In vitro and in vivo studies. <i>Dental Materials</i> , 2018, 34, 470-485.	3.5	30
7	Three-dimensional Spheroid Culture Enhances Multipotent Differentiation and Stemness Capacities of Human Dental Pulp-derived Mesenchymal Stem Cells by Modulating MAPK and NF- κ B Signaling Pathways. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1810-1826.	3.8	29
8	In Vivo Investigation into Effectiveness of Fe ₃ O ₄ /PLLA Nanofibers for Bone Tissue Engineering Applications. <i>Polymers</i> , 2018, 10, 804.	4.5	26
9	Fibronectin-Grafted Titanium Dental Implants: An <i>In Vivo</i> Study. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	23
10	Development and Testing of X-Ray Imaging-Enhanced Poly-L-Lactide Bone Screws. <i>PLoS ONE</i> , 2015, 10, e0140354.	2.5	22
11	The Review of Bioeffects of Static Magnetic Fields on the Oral Tissue-Derived Cells and Its Application in Regenerative Medicine. <i>Cells</i> , 2021, 10, 2662.	4.1	21
12	Effects of two surface finishes on the color of cemented and colored anatomic-contour zirconia crowns. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 264-268.	2.8	20
13	Dental Implant Surrounding Marginal Bone Level Evaluation: Platform Switching versus Platform Matching—One-Year Retrospective Study. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	19
14	Effect of Different Bone Grafting Materials and Mesenchymal Stem Cells on Bone Regeneration: A Micro-Computed Tomography and Histomorphometric Study in a Rabbit Calvarial Defect Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8101.	4.1	19
15	In Vitro and In Vivo Study of a Novel Porcine Collagen Membrane for Guided Bone Regeneration. <i>Materials</i> , 2016, 9, 949.	2.9	18
16	Use of 0.4-Tesla static magnetic field to promote reparative dentine formation of dental pulp stem cells through activation of p38 $\langle \text{scp} \rangle \text{MAPK} / \langle \text{scp} \rangle$ signalling pathway. <i>International Endodontic Journal</i> , 2019, 52, 28-43.	5.0	18
17	In Vitro Analysis of Fibronectin-Modified Titanium Surfaces. <i>PLoS ONE</i> , 2016, 11, e0146219.	2.5	18
18	Evaluation of the implant stability and the marginal bone level changes during the first three months of dental implant healing process: A prospective clinical study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103899.	3.1	17

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19	A Novel HA/β-TCP-Collagen Composite Enhanced New Bone Formation for Dental Extraction Socket Preservation in Beagle Dogs. <i>Materials</i> , 2016, 9, 191.	2.9	16
20	Damping Factor as a Diagnostic Parameter for Assessment of Osseointegration during the Dental Implant Healing Process: An Experimental Study in Rabbits. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3668-3678.	2.5	16
21	Surface Analysis of Titanium Biological Modification with Glow Discharge. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 469-475.	3.7	15
22	Modified surgical drilling protocols influence osseointegration performance and predict value of implant stability parameters during implant healing process. <i>Clinical Oral Investigations</i> , 2020, 24, 3445-3455.	3.0	14
23	Development and biocompatibility tests of electrospun poly-L-lactide nanofibrous membranes incorporating oleic acid-coated Fe ₃ O ₄ . <i>Journal of Polymer Engineering</i> , 2014, 34, 241-245.	1.4	13
24	A Novel Porcine Graft for Regeneration of Bone Defects. <i>Materials</i> , 2015, 8, 2523-2536.	2.9	12
25	Monitoring the Changes of Material Properties at Bone-Implant Interface during the Healing Process In Vivo: A Viscoelastic Investigation. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	11
26	Static magnetic field-enhanced osteogenic differentiation of human umbilical cord-derived mesenchymal stem cells via matrix vesicle secretion. <i>International Journal of Radiation Biology</i> , 2020, 96, 1207-1217.	1.8	11
27	Modal Damping Factor Detected with an Impulse-Forced Vibration Method Provides Additional Information on Osseointegration During Dental Implant Healing. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 1333-1340.	1.4	10
28	Influence of Simulated Bone Quality and Cortical Bone Thickness on Implant Stability Detection Using Resonance Frequency and Damping Factor Analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014, 29, 105-112.	1.4	9
29	Enhancement of natural killer cell cytotoxicity by using static magnetic field to increase their viability. <i>Electromagnetic Biology and Medicine</i> , 2019, 38, 131-142.	1.4	9
30	Effects of Sapindus mukorossi Seed Oil on Proliferation, Osteogenic/Odontogenic Differentiation and Matrix Vesicle Secretion of Human Dental Pulp Mesenchymal Stem Cells. <i>Materials</i> , 2020, 13, 4063.	2.9	9
31	FAS receptor regulates NOTCH activity through ERK-JAG1 axis activation and controls oral cancer stemness ability and pulmonary metastasis. <i>Cell Death Discovery</i> , 2022, 8, 101.	4.7	7
32	Er:YAG Laser-Roughened Enamel Promotes Osteoblastic Differentiation. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 516-522.	2.0	6
33	Small blood stem cells for enhancing early osseointegration formation on dental implants: a human phase I safety study. <i>Stem Cell Research and Therapy</i> , 2021, 12, 380.	5.5	5
34	A novel porcine collagen GTR membrane for treatment of Class II molar furcation involvement. <i>Journal of Polymer Engineering</i> , 2014, 34, 237-240.	1.4	4
35	Effects of Porphyromonas gingivalis on Titanium Surface by Different Clinical Treatment. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 35-44.	1.8	4
36	Clinical Benefits of Minimally Invasive Non-Surgical Periodontal Therapy as an Alternative of Conventional Non-Surgical Periodontal Therapy—A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7456.	2.6	4

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37	Histological evaluation of socket preservation with different bone grafting materials. Journal of Polymer Engineering, 2014, 34, 225-230.	1.4	3
38	Effects of Salivary Oxidative Markers on Edentulous Patients's Satisfaction with Prosthetic Denture Treatments: A Pilot Study. PLoS ONE, 2016, 11, e0151605.	2.5	3
39	Surfactin reduces particulate matter-induced VCAM1-dependent monocyte adhesion in human gingival fibroblasts by increasing Nrf2-dependent HO1 expression. Journal of Periodontal Research, 2022, 57, 115-130.	2.7	3
40	The association between fecal hemoglobin concentration and oral potentially malignant disorders. Oral Diseases, 2019, 25, 108-116.	3.0	2
41	Multidisciplinary Approach for Full-Mouth Rehabilitation of a Young Adult Patient with Ameloblastoma. Case Reports in Dentistry, 2021, 2021, 1-6.	0.5	0