

# Charles Sfeir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8695316/publications.pdf>

Version: 2024-02-01

35  
papers

2,283  
citations

304602

22  
h-index

360920

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local induction of regulatory T cells prevents inflammatory bone loss in ligature-induced experimental periodontitis in mice. <i>Scientific Reports</i> , 2022, 12, 5032.	1.6	6
2	Translating Dental, Oral, and Craniofacial Regenerative Medicine Innovations to the Clinic through Interdisciplinary Commercial Translation Architecture. <i>Journal of Dental Research</i> , 2021, 100, 1039-1046.	2.5	6
3	Local Sustained Delivery of Anti-IL-17A Antibodies Limits Inflammatory Bone Loss in Murine Experimental Periodontitis. <i>Journal of Immunology</i> , 2021, 206, 2386-2392.	0.4	13
4	Effect of the Periapical Inflammatory Plug on Dental Pulp Regeneration: A Histologic In Vivo Study. <i>Journal of Endodontics</i> , 2020, 46, 51-56.	1.4	9
5	Bottom-Up Self-assembled Hydrogel-Mineral Composites Regenerate Rabbit Ulna Defect without Added Growth Factors. <i>ACS Applied Bio Materials</i> , 2020, 3, 5652-5663.	2.3	3
6	Design and evaluation of collagen-inspired mineral-hydrogel nanocomposites for bone regeneration. <i>Acta Biomaterialia</i> , 2020, 112, 262-273.	4.1	43
7	Controlling magnesium corrosion and degradation-regulating mineralization using matrix GLA protein. <i>Acta Biomaterialia</i> , 2019, 98, 142-151.	4.1	8
8	Vasoactive Intestinal Peptide Immunoregulatory Role at the Periapex: Associative and Mechanistic Evidences from Human and Experimental Periapical Lesions. <i>Journal of Endodontics</i> , 2019, 45, 1228-1236.	1.4	8
9	The role of magnesium ions in bone regeneration involves the canonical Wnt signaling pathway. <i>Acta Biomaterialia</i> , 2019, 98, 246-255.	4.1	101
10	RANKL Triggers Treg-Mediated Immunoregulation in Inflammatory Osteolysis. <i>Journal of Dental Research</i> , 2018, 97, 917-927.	2.5	39
11	In vivo quantification of hydrogen gas concentration in bone marrow surrounding magnesium fracture fixation hardware using an electrochemical hydrogen gas sensor. <i>Acta Biomaterialia</i> , 2018, 73, 559-566.	4.1	23
12	Dental, Oral, and Craniofacial Regenerative Medicine: Transforming Biotechnologies for Innovating Patient Care. <i>Journal of Dental Research</i> , 2018, 97, 361-363.	2.5	4
13	Sterilization and Biologic Monitoring in Private Dental Clinics in Lebanon. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 853-861.	0.2	1
14	Infection Control Measures in Private Dental Clinics in Lebanon. <i>International Journal of Dentistry</i> , 2017, 2017, 1-11.	0.5	28
15	In vivo study of magnesium plate and screw degradation and bone fracture healing. <i>Acta Biomaterialia</i> , 2015, 18, 262-269.	4.1	280
16	An in vivo model to assess magnesium alloys and their biological effect on human bone marrow stromal cells. <i>Acta Biomaterialia</i> , 2015, 28, 234-239.	4.1	29
17	Fracture Healing Using Degradable Magnesium Fixation Plates and Screws. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 295-305.	0.5	55
18	Porous magnesium/PLGA composite scaffolds for enhanced bone regeneration following tooth extraction. <i>Acta Biomaterialia</i> , 2015, 11, 543-553.	4.1	161

#	ARTICLE	IF	CITATIONS
19	Aquaporin 5 Interacts with Fluoride and Possibly Protects against Caries. PLoS ONE, 2015, 10, e0143068.	1.1	22
20	Poly(Glycerol Sebacate) Elastomer: A Novel Material for Mechanically Loaded Bone Regeneration. Tissue Engineering - Part A, 2014, 20, 45-53.	1.6	40
21	Role of magnesium ions on osteogenic response in bone marrow stromal cells. Connective Tissue Research, 2014, 55, 155-159.	1.1	82
22	Regeneration of Periosteum by Human Bone Marrow Stromal Cell Sheets. Journal of Oral and Maxillofacial Surgery, 2014, 72, 1078-1083.	0.5	34
23	Magnesium ion stimulation of bone marrow stromal cells enhances osteogenic activity, simulating the effect of magnesium alloy degradation. Acta Biomaterialia, 2014, 10, 2834-2842.	4.1	440
24	Synthesis of bone-like nanocomposites using multiphosphorylated peptides. Acta Biomaterialia, 2014, 10, 2241-2249.	4.1	16
25	Prevention of inflammation-mediated bone loss in murine and canine periodontal disease via recruitment of regulatory lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18525-18530.	3.3	169
26	Primary Structure and Phosphorylation of Dentin Matrix Protein 1 (DMP1) and Dentin Phosphophoryn (DPP) Uniquely Determine Their Role in Biomineralization.. Biomacromolecules, 2011, 12, 2933-2945.	2.6	101
27	Dentin Matrix Protein 1 (DMP1) Signals via Cell Surface Integrin. Journal of Biological Chemistry, 2011, 286, 29462-29469.	1.6	54
28	Expression of Phosphophoryn Is Sufficient for the Induction of Matrix Mineralization by Mammalian Cells. Journal of Biological Chemistry, 2011, 286, 20228-20238.	1.6	20
29	Biodegradable Mg corrosion and osteoblast cell culture studies. Materials Science and Engineering C, 2009, 29, 1814-1821.	3.8	117
30	Extracellular Matrix-mediated Signaling by Dentin Phosphophoryn Involves Activation of the Smad Pathway Independent of Bone Morphogenetic Protein. Journal of Biological Chemistry, 2006, 281, 5341-5347.	1.6	63
31	Phosphophoryn Regulates the Gene Expression and Differentiation of NIH3T3, MC3T3-E1, and Human Mesenchymal Stem Cells via the Integrin/MAPK Signaling Pathway. Journal of Biological Chemistry, 2004, 279, 53323-53330.	1.6	136
32	Properties of the (DSS) <sub>n</sub> triplet repeat domain of rat dentin phosphophoryn. European Journal of Oral Sciences, 1998, 106, 234-238.	0.7	32
33	Phosphorylation of the Proteins of the Extracellular Matrix of Mineralized Tissues By Casein Kinase-Like Activity. Critical Reviews in Oral Biology and Medicine, 1997, 8, 360-379.	4.4	56
34	The Membrane Associated Kinases which Phosphorylate Bone and Dentin Extracellular Matrix Phosphoproteins are Isoforms of Cytosolic CKII. Connective Tissue Research, 1996, 35, 215-222.	1.1	22
35	Casein kinase localization in the endoplasmic reticulum of the ros 17/2.8 cell line. Journal of Bone and Mineral Research, 1995, 10, 607-615.	3.1	42