

Shaopeng Pei

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

303
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Tortuous, Highly Conductive, and High-Areal-Capacity Battery Electrodes Enabled by Through-thickness Aligned Carbon Fiber Framework. <i>Nano Letters</i> , 2020, 20, 5504-5512.	9.1	64
2	Bone's responses to mechanical loading are impaired in type 1 diabetes. <i>Bone</i> , 2015, 81, 152-160.	2.9	53
3	A multiscale 3D finite element analysis of fluid/solute transport in mechanically loaded bone. <i>Bone Research</i> , 2016, 4, 16032.	11.4	39
4	High-Performance Structural Supercapacitors Based on Aligned Discontinuous Carbon Fiber Electrodes and Solid Polymer Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11774-11782.	8.0	32
5	Mechanical and electrochemical performance of hybrid laminated structural composites with carbon fiber/ solid electrolyte supercapacitor interleaves. <i>Composites Science and Technology</i> , 2020, 196, 108234.	7.8	29
6	Perlecan/Hspg2 deficiency impairs bone's calcium signaling and associated transcriptome in response to mechanical loading. <i>Bone</i> , 2020, 131, 115078.	2.9	19
7	Moderate tibial loading and treadmill running, but not overloading, protect adult murine bone from destruction by metastasized breast cancer. <i>Bone</i> , 2021, 153, 116100.	2.9	18
8	Targeted Ptpn11 deletion in mice reveals the essential role of SHP2 in osteoblast differentiation and skeletal homeostasis. <i>Bone Research</i> , 2021, 9, 6.	11.4	17
9	On the characterization of interstitial fluid flow in the skeletal muscle endomysium. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103504.	3.1	13
10	Maternal bone adaptation to mechanical loading during pregnancy, lactation, and post-weaning recovery. <i>Bone</i> , 2021, 151, 116031.	2.9	11
11	Activation, development, and attenuation of modeling- and remodeling-based bone formation in adult rats. <i>Biomaterials</i> , 2021, 276, 121015.	11.4	4
12	Trabecular Bone Deficit and Enhanced Anabolic Response to Re-Ambulation after Disuse in Perlecan-Deficient Skeleton. <i>Biomolecules</i> , 2020, 10, 198.	4.0	2
13	Osteocytic Pericellular Matrix (PCM): Accelerated Degradation under In Vivo Loading and Unloading Conditions Using a Novel Imaging Approach. <i>Genes</i> , 2022, 13, 72.	2.4	2