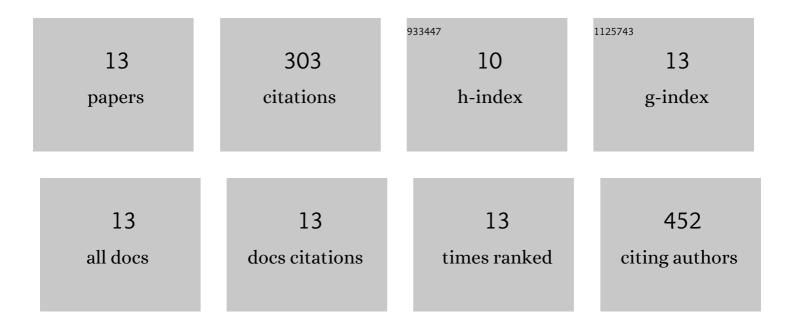
## Shaopeng Pei

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11126086/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Low Tortuous, Highly Conductive, and High-Areal-Capacity Battery Electrodes Enabled by Through-thickness Aligned Carbon Fiber Framework. Nano Letters, 2020, 20, 5504-5512.	9.1	64
2	Bone's responses to mechanical loading are impaired in type 1 diabetes. Bone, 2015, 81, 152-160.	2.9	53
3	A multiscale 3D finite element analysis of fluid/solute transport in mechanically loaded bone. Bone Research, 2016, 4, 16032.	11.4	39
4	High-Performance Structural Supercapacitors Based on Aligned Discontinuous Carbon Fiber Electrodes and Solid Polymer Electrolytes. ACS Applied Materials & Interfaces, 2021, 13, 11774-11782.	8.0	32
5	Mechanical and electrochemical performance of hybrid laminated structural composites with carbon fiber/ solid electrolyte supercapacitor interleaves. Composites Science and Technology, 2020, 196, 108234.	7.8	29
6	Perlecan/Hspg2 deficiency impairs bone's calcium signaling and associated transcriptome in response to mechanical loading. Bone, 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. Bone, 2021, 153, 116100.	2.9	18
8	Targeted Ptpn11 deletion in mice reveals the essential role of SHP2 in osteoblast differentiation and skeletal homeostasis. Bone Research, 2021, 9, 6.	11.4	17
9	On the characterization of interstitial fluid flow in the skeletal muscle endomysium. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 102, 103504.	3.1	13
10	Maternal bone adaptation to mechanical loading during pregnancy, lactation, and post-weaning recovery. Bone, 2021, 151, 116031.	2.9	11
11	Activation, development, and attenuation of modeling- and remodeling-based bone formation in adult rats. Biomaterials, 2021, 276, 121015.	11.4	4
12	Trabecular Bone Deficit and Enhanced Anabolic Response to Re-Ambulation after Disuse in Perlecan-Deficient Skeleton. Biomolecules, 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. Genes, 2022, 13, 72.	2.4	2