Fan Fan

List of Publications by Year
in descending order

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12 papers	115 citations	1478505 6 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	83 citing authors

#	Article	IF	Citations
1	Inverse Problem in Resonant Ultrasound Spectroscopy With Sampling and Optimization: A Comparative Study on Human Cortical Bone. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 650-661.	3.0	0
2	CD44 mediates shear stress mechanotransduction in an in vitro bloodâ€brain barrier model through small GTPases RhoA and Rac1. FASEB Journal, 2022, 36, e22278.	0.5	19
3	Role of Î³-adducin in actin cytoskeleton rearrangements in podocyte pathophysiology. American Journal of Physiology - Renal Physiology, 2021, 320, F97-F113.	2.7	9
4	Cortical bone viscoelastic damping assessed with resonant ultrasound spectroscopy reflects porosity and mineral content. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 117, 104388.	3.1	6
5	Application of differential evolution on elasticity measurement of low quality factor materials using FEM-based resonant ultrasound spectroscopy. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104848.	3.1	3
6	Direct Identification of Elasticity from Attenuated Spectrum in Resonant Ultrasound Spectroscopy. , 2021, , .		0
7	A method for identifying false positive frequencies extracted from resonant ultrasound spectra for highly dissipative materials. Journal of Applied Physics, 2020, 128, .	2.5	4
8	A resonant frequency retrieving method for low Q-factor materials based on resonant ultrasound spectroscopy. Ultrasonics, 2019, 99, 105971.	3.9	11
9	Elastic constants identification of irregular hard biological tissue materials using FEM-based resonant ultrasound spectroscopy. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 96, 20-26.	3.1	5
10	Elastic properties measurement of human enamel based on resonant ultrasound spectroscopy. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 89, 48-53.	3.1	12
11	Knockdown of Add3 impairs the myogenic response of renal afferent arterioles and middle cerebral arteries. American Journal of Physiology - Renal Physiology, 2017, 312, F971-F981.	2.7	38
12	The Elasticity Coefficients Measurement of Human Dentin Based on RUS. BioMed Research International, 2017, 2017, 1-7.	1.9	8