

Jafar Vossoughi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

402
citations

933447

10
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Residual stress and strain in aortic segments. <i>Journal of Biomechanics</i> , 1987, 20, 235-239.	2.1	173
2	Effect of Hypertension on Elasticity and Geometry of Aortic Tissue From Dogs. <i>Journal of Biomechanical Engineering</i> , 1990, 112, 70-74.	1.3	69
3	Altered Compliance and Residual Strain Precede Angiographically Detectable Early Atherosclerosis in Low-Density Lipoprotein Receptor Deficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 2209-2217.	2.4	30
4	Vascular effects of diet-induced hypercalcemia after balloon artery injury in giant Flemish rabbits. <i>American Heart Journal</i> , 1995, 130, 758-764.	2.7	15
5	Comparison of the Howmedica and Synthes Military External Fixation Frames. <i>Journal of Orthopaedic Trauma</i> , 1994, 8, 119-126.	1.4	14
6	Somatotropin Alters Collagen Metabolism in Growing Pigs. <i>Journal of Nutrition</i> , 1994, 124, 770-778.	2.9	12
7	Variation of Respiratory Resistance Suggests Optimization of Airway Caliber. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2355-2361.	4.2	12
8	Short-Term Intensive Therapy and Outcomes for Athletes With Paradoxical Vocal Fold Motion Disorder. <i>American Journal of Speech-Language Pathology</i> , 2019, 28, 83-95.	1.8	12
9	A Comparison of Obsidian and Surgical Steel Scalpel Wound Healing in Rats. <i>Plastic and Reconstructive Surgery</i> , 1993, 92, 884-887.	1.4	11
10	Photoactivation of Vascular iNOS and Elevation of cGMP In Vivo: Possible Mechanism for Photovaso-relaxation and Inhibition of Restenosis in an Atherosclerotic Rabbit Model. <i>Photochemistry and Photobiology</i> , 2000, 72, 579.	2.5	11
11	Comments on the paper "Volume compressibility of human abdominal skin". <i>Journal of Biomechanics</i> , 1979, 12, 481.	2.1	9
12	Thickness Measurement for Soft Materials. <i>Experimental Techniques</i> , 1984, 8, 32-33.	1.5	7
13	Test-Retest Reliability of Respiratory Resistance Measured With the Airflow Perturbation Device. <i>Journal of Speech, Language, and Hearing Research</i> , 2014, 57, 1323-1329.	1.6	7
14	Mechanical Characteristics of Vascular Tissue and Their Role in Brain Injury Modeling: A Review. <i>Journal of Neurotrauma</i> , 1995, 12, 755-763.	3.4	6
15	A Comparison of Obsidian and Surgical Steel Scalpel Wound Healing in Rats. <i>Plastic and Reconstructive Surgery</i> , 1993, 92, 884-887.	1.4	3
16	A Rapid, Handheld Device to Assess Respiratory Resistance: Clinical and Normative Evidence. <i>Military Medicine</i> , 2018, 183, e370-e377.	0.8	3
17	Wound Healing: Effects of Closing Tension, Zyplast, and Platelet-Derived Growth Factor. <i>Laryngoscope</i> , 1996, 106, 322-327.	2.0	2
18	A Simple, Quick and Accurate Method to Measure the Area Under Curves. <i>Experimental Techniques</i> , 1984, 8, 26-27.	1.5	1

#	ARTICLE	IF	CITATIONS
19	775-3 Altered Vascular Biomechanical Properties Precede Angiographically Detectable Disease in Early Atherosclerosis of LDL Receptor Deficiency. <i>Journal of the American College of Cardiology</i> , 1995, 25, 290A-291A.	2.8	1
20	Photoactivation of Vascular iNOS and Elevation of cGMP In Vivo: Possible Mechanism for Photovaso-relaxation and Inhibition of Restenosis in an Atherosclerotic Rabbit Model. <i>Photochemistry and Photobiology</i> , 2007, 72, 579-582.	2.5	1
21	Assessment of Bronchodilator Response in Children with Asthma Exacerbation Using the Respiratory Resistance Values. <i>Open Journal of Respiratory Diseases</i> , 2021, 11, 117-132.	0.3	1
22	IMAGE-BASED EVALUATION OF VASCULAR RESIDUAL STRAIN. <i>International Journal on Artificial Intelligence Tools</i> , 2000, 09, 247-263.	1.0	0
23	Using respiratory resistance values in diagnosis of paradoxical Vocal Fold Motion. , 2011, , .		0
24	Assuring consistency of respiratory resistance measurements. , 2011, , .		0
25	Sensory augmented vascular surgery. , 2011, , .		0