

Andrzej Fedorowicz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

411
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	3D confocal Raman imaging of endothelial cells and vascular wall: perspectives in analytical spectroscopy of biomedical research. <i>Analyst, The</i> , 2013, 138, 603-610.	3.5	63
2	Visualization of the biochemical markers of atherosclerotic plaque with the use of Raman, IR and AFM. <i>Journal of Biophotonics</i> , 2014, 7, 744-756.	2.3	57
3	Antithrombotic Properties of Water-Soluble Carbon Monoxide-Releasing Molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2149-2157.	2.4	52
4	Inhibition of platelet aggregation by carbon monoxide-releasing molecules (CO-RMs): comparison with NO donors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 641-650.	3.0	44
5	Plasma biomarkers of pulmonary hypertension identified by Fourier transform infrared spectroscopy and principal component analysis. <i>Analyst, The</i> , 2015, 140, 2273-2279.	3.5	35
6	Activation of the nicotinamide N-methyltransferase (NNMT)-1-methylnicotinamide (MNA) pathway in pulmonary hypertension. <i>Respiratory Research</i> , 2016, 17, 108.	3.6	27
7	A possible Fourier transform infrared-based plasma fingerprint of angiotensin-converting enzyme inhibitor-induced reversal of endothelial dysfunction in diabetic mice. <i>Journal of Biophotonics</i> , 2018, 11, e201700044.	2.3	24
8	FT-IR- and Raman-based biochemical profiling of the early stage of pulmonary metastasis of breast cancer in mice. <i>Analyst, The</i> , 2018, 143, 2042-2050.	3.5	23
9	Preserved cardiomyocyte function and altered desmin pattern in transgenic mouse model of dilated cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 978-987.	1.9	20
10	Secondary structure of proteins analyzed ex vivo in vascular wall in diabetic animals using FT-IR spectroscopy. <i>Analyst, The</i> , 2013, 138, 7400.	3.5	15
11	Running Performance at High Running Velocities Is Impaired but $\dot{V}O_2\text{max}$ and Peripheral Endothelial Function Are Preserved in IL-6 ^{+/+} Mice. <i>PLoS ONE</i> , 2014, 9, e88333.	2.5	12
12	On the Mechanism of Coronary Vasodilation Induced by Angiotensin-(1?7) in the Isolated Guinea Pig Heart. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 100, 361-365.	2.5	11
13	Determination of endothelin-1 in rats using a high-performance liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Talanta</i> , 2010, 82, 710-718.	5.5	10
14	Comparison of Pulmonary and Systemic NO- and PGI2-Dependent Endothelial Function in Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	9
15	Spectroscopic Signature of Red Blood Cells in a D-Galactose-Induced Accelerated Aging Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2660.	4.1	9
16	LSC Abstract " Lung-derived prostacyclin (PGI) in endothelial dysfunction in db/db mice. , 2016, , .		0