

Vladimír Tomeš

List of Publications by Year in descending order

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34
papers

247
citations

933447

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all docs

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docs citations

34
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified natural clinoptilolite with quercetin and quercetin dihydrate and the study of their anticancer activity. <i>Microporous and Mesoporous Materials</i> , 2012, 147, 59-67.	4.4	25
2	Low-level laser therapy for protection against skeletal muscle damage after ischemia-reperfusion injury in rat hindlimbs. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 825-832.	2.1	24
3	Antiproliferative effect of I ² -escin - an in vitro study.. <i>Acta Biochimica Polonica</i> , 2016, 63, 79-87.	0.5	19
4	Comparison of effect of selected synthetic chalcone analogues on mitochondrial outer membrane determined by fluorescence spectroscopy. <i>Journal of Proteomics</i> , 2004, 61, 135-141.	2.4	14
5	Comparison of the effects of selected chalcones, dihydrochalcones and some cyclic flavonoids on mitochondrial outer membrane determined by fluorescence spectroscopy. <i>Journal of Proteomics</i> , 2006, 69, 143-150.	2.4	14
6	Evidence of Polyphenols Efficacy against Dry Eye Disease. <i>Antioxidants</i> , 2021, 10, 190.	5.1	14
7	Some fluorescence properties of dimethylaminochalcone and its novel cyclic analogues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 1242-1246.	3.9	12
8	Intravenous Administration of Tetramethylpyrazine Reduces Intestinal Ischemia-Reperfusion Injury in Rats. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 817-829.	3.8	12
9	Noninvasive diagnostic methods for diabetes mellitus from tear fluid. <i>RSC Advances</i> , 2019, 9, 18050-18059.	3.6	12
10	The relationship between morphology and disaccharidase activity in ischemia- reperfusion injured intestine.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.5	11
11	Fluorescent Profiling of Venom-Selected Cobra Species. <i>Spectroscopy Letters</i> , 2014, 47, 1-5.	1.0	10
12	Nuclear factor- κ B and nitric oxide synthases in red blood cells: good or bad in obesity? A preliminary study. <i>European Journal of Histochemistry</i> , 2020, 64, .	1.5	7
13	Tackling endothelium remodeling in cardiovascular disease. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 938-945.	2.6	6
14	Tear fluid biomarkers in major depressive disorder: Potential of spectral methods in biomarker discovery. <i>Journal of Psychiatric Research</i> , 2021, 138, 75-82.	3.1	6
15	Trehalase as a possible marker of intestinal ischemia-reperfusion injury.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.5	6
16	Monitoring of Heart Ischemia in Blood Serum. <i>Spectral Analysis Review</i> , 2016, 04, 11-22.	0.2	6
17	Spectral study of modified natural clinoptilolite with pharmacologically active escin and horse chestnut extract. <i>Spectroscopy Letters</i> , 2016, 49, 63-72.	1.0	5
18	Effect of tear fluid sampling and processing on total protein quantity and electrophoretic pattern. <i>Taiwan Journal of Ophthalmology</i> , 2022, 12, 88.	0.7	5

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19	Stability of natural polyphenol fisetin in eye drops Stability of fisetin in eye drops. Open Chemistry, 2020, 18, 325-332.	1.9	5
20	Assessment of the effect of cyclic chalcone analogues on mitochondrial membrane and DNA. Open Life Sciences, 2009, 4, 90-96.	1.4	4
21	The Spectrofluorometric Monitoring of Water Purification by Natural Alternatives. Spectroscopy Letters, 2012, 45, 447-451.	1.0	4
22	Monitoring of Thoracic Aortic Aneurysm in Blood by Fluorescence Spectroscopy. American Journal of Medical and Biological Research, 2015, 3, 128-132.	0.5	4
23	Spectroscopic Study on the Interaction of 4-dimethylaminochalcones with Phospholipids. Journal of Applied Spectroscopy, 2014, 81, 812-819.	0.7	3
24	Detection of Intestinal Ischemia-Reperfusion Injury by Fluorescence Analysis of Intestinal Samples. Spectroscopy Letters, 2014, 47, 238-243.	1.0	3
25	Analysis of Bowel Diseases from Blood Serum by Autofluorescence and Atomic Force Microscopy Techniques. Open Chemistry, 2018, 16, 238-245.	1.9	3
26	Native fluorescence of tear fluid as a tool for diagnostics of glaucoma. RSC Advances, 2021, 11, 10842-10846.	3.6	3
27	Fluorescence Properties of Paracetamol During Interactions with Mitochondria. Spectroscopy Letters, 2011, 44, 122-127.	1.0	2
28	New Approaches in Monitoring Venom of Genus <i>Dendroaspis</i> . Spectroscopy Letters, 2015, 48, 462-472.	1.0	2
29	Autofluorescence of Breast Cancer Proteins. Current Metabolomics, 2018, 6, .	0.5	2
30	New possibilities for the glaucoma diagnostics using the synchronous fluorescence spectra of tear fluid. Spectroscopy Letters, 2021, 54, 763-772.	1.0	2
31	A novel method for the detection of liver damage using fluorescence of hepatic mitochondria in a rat model following ischaemia/reperfusion injury of the small intestine. Spectroscopy, 2011, 26, 237-243.	0.8	1
32	Determination of Excited Singlet-State Dipole Moments of Methoxy and Dimethylamino Substituted Benzylidenebenzosuberones Using Solvatochromic Method. Spectroscopy Letters, 2015, 48, 317-323.	1.0	1
33	Metabolites of Tryptophane and Phenylalanine as Markers of Small Bowel Ischemia-Reperfusion Injury. Open Chemistry, 2018, 16, 709-715.	1.9	0
34	Biomarkers and Spectroscopic Methods: The Strategies for Diagnostics of Selected Diseases. Current Chemical Biology, 2019, 13, 8-18.	0.5	0