Jitka VostÃ¡lovÃ¡

List of Publications by Year
in descending order

56 papers	2,111 citations	218381 26 h-index	233125 45 g-index
57 all docs	57 docs citations	57 times ranked	3166 citing authors

#	Article	IF	Citations
1	Effect of the flavonoids quercetin and taxifolin on UVA-induced damage to human primary skin keratinocytes and fibroblasts. Photochemical and Photobiological Sciences, 2022, 21, 59-75.	1.6	6
2	Stability and ultraviolet A photostability of silymarin polyphenols and its consequences for practical use in dermatology. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113897.	2.0	1
3	Antioxidant function of phytocannabinoids: Molecular basis of their stability and cytoprotective properties under UV-irradiation. Free Radical Biology and Medicine, 2021, 164, 258-270.	1.3	27
4	Effect of ultraviolet radiation on the Nrf2 signaling pathway in skin cells. International Journal of Radiation Biology, 2021, 97, 1383-1403.	1.0	31
5	Effect of UVA radiation on the Nrf2 signalling pathway in human skin cells. Journal of Photochemistry and Photobiology B: Biology, 2020, 209, 111948.	1.7	28
6	Ultraviolet A protective potential of plant extracts and phytochemicals. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2020, 164, 1-22.	0.2	12
7	A pilot study of the UVA-photoprotective potential of dehydrosilybin, isosilybin, silychristin, and silydianin on human dermal fibroblasts. Archives of Dermatological Research, 2019, 311, 477-490.	1.1	16
8	Skin Protective Activity of Silymarin and its Flavonolignans. Molecules, 2019, 24, 1022.	1.7	44
9	Dermal Delivery of Selected Polyphenols from Silybum marianum. Theoretical and Experimental Study. Molecules, 2019, 24, 61.	1.7	16
10	Changes in antioxidant, inflammatory and metabolic markers during 1Âweek cultivation of human skin explants. Journal of Applied Toxicology, 2019, 39, 773-782.	1.4	2
11	Human keratinocyte cell line as a suitable alternative model for in vitro phototoxicity testing. Anais Brasileiros De Dermatologia, 2019, 94, 105-106.	0.5	7
12	Comparison of various methods to analyse toxic effects in human skin explants: Rediscovery of TTC assay. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 530-536.	1.7	10
13	New cytokinin derivatives possess UVA and UVB photoprotective effect on human skin cells and prevent oxidative stress. European Journal of Medicinal Chemistry, 2018, 150, 946-957.	2.6	21
14	UVA-photoprotective potential of silymarin and silybin. Archives of Dermatological Research, 2018, 310, 413-424.	1.1	30
15	The Phototoxic Potential of the Flavonoids, Taxifolin and Quercetin. Photochemistry and Photobiology, 2017, 93, 1240-1247.	1.3	20
16	Cranberry in the prophylaxis of urinary tract infections in patients with multiple sclerosis and intermittent catheterization. A pilot placebo-controlled trial. Urologie Pro Praxi, 2017, 18, 77-80.	0.0	1
17	Phototoxic potential of silymarin and its bioactive components. Journal of Photochemistry and Photobiology B: Biology, 2016, 156, 61-68.	1.7	29
18	Cranberry fruit powder (Flowensâ„¢) improves lower urinary tract symptoms in men: a double-blind, randomized, placebo-controlled study. World Journal of Urology, 2016, 34, 419-424.	1.2	18

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19	Cranberry intervention in patients with prostate cancer prior to radical prostatectomy. Clinical, pathological and laboratory findings. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2016, 160, 559-565.	0.2	15
20	Omegaâ€3 fatty acid supplementation candidates can be selected using fatty acid profiling. European Journal of Lipid Science and Technology, 2015, 117, 601-607.	1.0	2
21	Are High Proanthocyanidins Key to Cranberry Efficacy in the Prevention of Recurrent Urinary Tract Infection?. Phytotherapy Research, 2015, 29, 1559-1567.	2.8	99
22	Lipidomic analysis of plasma, erythrocytes and lipoprotein fractions of cardiovascular disease patients using UHPLC/MS, MALDI-MS and multivariate data analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 990, 52-63.	1.2	27
23	Determination of nonpolar and polar lipid classes in human plasma, erythrocytes and plasma lipoprotein fractions using ultrahigh-performance liquid chromatography-mass spectrometry. Journal of Chromatography A, 2015, 1377, 85-91.	1.8	47
24	Lonicera caerulea fruits reduce UVA-induced damage in hairless mice. Journal of Photochemistry and Photobiology B: Biology, 2013, 128, 1-11.	1.7	32
25	Use of seleniumâ€“silymarin mix reduces lower urinary tract symptoms and prostate specific antigen in men. Phytomedicine, 2013, 21, 75-81.	2.3	10
26	Effects of oral administration of Lonicera caerulea berries on UVB-induced damage in SKH-1 mice. A pilot study. Photochemical and Photobiological Sciences, 2013, 12, 1830-1840.	1.6	11
27	Differential modulation of inflammatory markers in plasma and skin after single exposures to UVA or UVB radiation in vivo. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2013, 157, 137-145.	0.2	8
28	Time-Course Evaluation of Oxidative Stress-Related Biomarkers after Renal Transplantation. Renal Failure, 2012, 34, 413-419.	0.8	19
29	Stabilization of Oxidative Stress 1 Year after Kidney Transplantation: Effect of Calcineurin Immunosuppressives. Renal Failure, 2012, 34, 952-959.	0.8	11
30	Electrochemical Sensing of Total Antioxidant Capacity and Polyphenol Content in Wine Samples Using Amperometry Online-Coupled with Microdialysis. Journal of Agricultural and Food Chemistry, 2012, 60, 7836-7843.	2.4	15
31	DNA damage after acute exposure of mice skin to physiological doses of UVB and UVA light. Archives of Dermatological Research, 2012, 304, 407-412.	1.1	71
32	In vivo oxidized low-density lipoprotein (ox-LDL) aopp and tas after kidney transplantation: a prospective, randomized one year study comparing cyclosporine a and tacrolimus based regiments. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2012, 156, 14-20.	0.2	8
33	Cytotoxicity and Pro-Apoptotic Activity of 2,2Â´-Bis[4,5-bis(4-hydroxybenzyl)-2-(4-hydroxyphenyl)cyclopent-4-en-1,3-dione], a Phenolic Cyclopentenedione Isolated from the Cyanobacterium Strain Nostoc sp. str. LukeÅ¡ovÃ¡ 27/97. Molecules, 2011, 16, 4254-4263.	1.7	7
34	Acute Exposure to Solar Simulated Ultraviolet Radiation Affects Oxidative Stress-Related Biomarkers in Skin, Liver and Blood of Hairless Mice. Biological and Pharmaceutical Bulletin, 2011, 34, 471-479.	0.6	75
35	Identification of benzo[c]phenanthridine metabolites in human hepatocytes by liquid chromatography with electrospray ion-trap and quadrupole time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1077-1085.	1.2	38
36	Prunella vulgaris extract and rosmarinic acid prevent UVB-induced DNA damage and oxidative stress in HaCaT keratinocytes. Archives of Dermatological Research, 2010, 302, 171-181.	1.1	91

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37	Dehydrosilybin attenuates the production of ROS in rat cardiomyocyte mitochondria with an uncoupler-like mechanism. Journal of Bioenergetics and Biomembranes, 2010, 42, 499-509.	1.0	27
38	Oxidative stress after kidney transplantation: The role of immunosuppression. Dialysis and Transplantation, 2010, 39, 391-394.	0.2	2
39	Effect of different calcineurin inhibitors on AOPP and TAS after kidney transplantation. Clinical Biochemistry, 2010, 43, 559-565.	0.8	13
40	The effectiveness of dried cranberries (Vaccinium macrocarpon) in men with lower urinary tract symptoms. British Journal of Nutrition, 2010, 104, 1181-1189.	1.2	45
41	Long-Term Effects of Three Commercial Cranberry Products on the Antioxidative Status in Rats: A Pilot Study. Journal of Agricultural and Food Chemistry, 2010, 58, 1672-1678.	2.4	26
42	Solar radiation induced skin damage: Review of protective and preventive options. International Journal of Radiation Biology, 2010, 86, 999-1030.	1.0	94
43	THE SAFETY AND EFFICACY OF A SILYMARIN AND SELENIUM COMBINATION IN MEN AFTER RADICAL PROSTATECTOMY - A SIX MONTH PLACEBO-CONTROLLED DOUBLE-BLIND CLINICAL TRIAL. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2010, 154, 239-244.	0.2	34
44	Molecular mechanisms of silybin and 2,3-dehydrosilybin antiradical activityâ€"role of individual hydroxyl groups. Free Radical Biology and Medicine, 2009, 46, 745-758.	1.3	68
45	Lonicera caerulea and Vaccinium myrtillus fruit polyphenols protect HaCaT keratinocytes against UVB-induced phototoxic stress and DNA damage. Journal of Dermatological Science, 2009, 56, 196-204.	1.0	60
46	Protective effects of phenolic fraction of blue honeysuckle fruits against UVA-induced damage to human keratinocytes. Archives of Dermatological Research, 2008, 300, 225-233.	1.1	26
47	Bilberry extract reduces UVAâ€induced oxidative stress in HaCaT keratinocytes: A pilot study. BioFactors, 2008, 33, 249-266.	2.6	31
48	Mechanism of the Antioxidant Action of Silybin and 2,3-Dehydrosilybin Flavonolignans: A Joint Experimental and Theoretical Study. Journal of Physical Chemistry A, 2008, 112, 1054-1063.	1.1	144
49	The toxicity and pharmacokinetics of dihydrosanguinarine in rat: A pilot study. Food and Chemical Toxicology, 2008, 46, 2546-2553.	1.8	32
50	Natural feed additive of Macleaya cordata: Safety assessment in rats a 90-day feeding experiment. Food and Chemical Toxicology, 2008, 46, 3721-3726.	1.8	50
51	MACLEAYA CORDATA EXTRACT AND SANGROVIT GENOTOXICITY. ASSESSMENT IN VIVO. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2008, 152, 35-39.	0.2	33
52	Biosafety, Antioxidant Status, and Metabolites in Urine after Consumption of Dried Cranberry Juice in Healthy Women:Â A Pilot Double-Blind Placebo-Controlled Trial. Journal of Agricultural and Food Chemistry, 2007, 55, 3217-3224.	2.4	98
53	Attenuation of UVA-induced damage to human keratinocytes by silymarin. Journal of Dermatological Science, 2007, 46, 21-30.	1.0	88
54	Flavonolignans from Silybum marianum moderate UVA-induced oxidative damage to HaCaT keratinocytes. Journal of Dermatological Science, 2007, 48, 213-224.	1.0	65

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55	Modified Porphyrinic Sensor for Nitric Oxide Monitoring. ECS Transactions, 2006, 3, 109-115.	0.3	0
56	ULTRAVIOLET LIGHT INDUCED ALTERATION TO THE SKIN. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2006, 150, 25-38.	0.2	270