

# Jitka Vostřilová

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7635223/publications.pdf>

Version: 2024-02-01

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	ULTRAVIOLET LIGHT INDUCED ALTERATION TO THE SKIN. Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2006, 150, 25-38.	0.2	270
2	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
3	Are High Proanthocyanidins Key to Cranberry Efficacy in the Prevention of Recurrent Urinary Tract Infection?. Phytotherapy Research, 2015, 29, 1559-1567.	2.8	99
4	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
5	Solar radiation induced skin damage: Review of protective and preventive options. International Journal of Radiation Biology, 2010, 86, 999-1030.	1.0	94
6	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
7	Attenuation of UVA-induced damage to human keratinocytes by silymarin. Journal of Dermatological Science, 2007, 46, 21-30.	1.0	88
8	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
9	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
10	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
11	Flavonolignans from Silybum marianum moderate UVA-induced oxidative damage to HaCaT keratinocytes. Journal of Dermatological Science, 2007, 48, 213-224.	1.0	65
12	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
13	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
14	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
15	The effectiveness of dried cranberries (<i>Vaccinium macrocarpon</i>) in men with lower urinary tract symptoms. British Journal of Nutrition, 2010, 104, 1181-1189.	1.2	45
16	Skin Protective Activity of Silymarin and its Flavonolignans. Molecules, 2019, 24, 1022.	1.7	44
17	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
18	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 Palacky&#x0301;, Olomouc, Czechoslovakia, 2010, 154, 239-244.	0.2	34

#	ARTICLE	IF	CITATIONS
19	MACLEAYA CORDATA EXTRACT AND SANGROVIT GENOTOXICITY. ASSESSMENT IN VIVO. Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia, 2008, 152, 35-39.	0.2	33
20	The toxicity and pharmacokinetics of dihydrosanguinarine in rat: A pilot study. Food and Chemical Toxicology, 2008, 46, 2546-2553.	1.8	32
21	Lonicera caerulea fruits reduce UVA-induced damage in hairless mice. Journal of Photochemistry and Photobiology B: Biology, 2013, 128, 1-11.	1.7	32
22	Bilberry extract reduces UVA-induced oxidative stress in HaCaT keratinocytes: A pilot study. BioFactors, 2008, 33, 249-266.	2.6	31
23	Effect of ultraviolet radiation on the Nrf2 signaling pathway in skin cells. International Journal of Radiation Biology, 2021, 97, 1383-1403.	1.0	31
24	UVA-photoprotective potential of silymarin and silybin. Archives of Dermatological Research, 2018, 310, 413-424.	1.1	30
25	Phototoxic potential of silymarin and its bioactive components. Journal of Photochemistry and Photobiology B: Biology, 2016, 156, 61-68.	1.7	29
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	The Phototoxic Potential of the Flavonoids, Taxifolin and Quercetin. Photochemistry and Photobiology, 2017, 93, 1240-1247.	1.3	20
34	Time-Course Evaluation of Oxidative Stress-Related Biomarkers after Renal Transplantation. Renal Failure, 2012, 34, 413-419.	0.8	19
35	Cranberry fruit powder (Flowensâ,,ç) 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
36	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

#	ARTICLE	IF	CITATIONS
37	Dermal Delivery of Selected Polyphenols from <i>Silybum marianum</i> . Theoretical and Experimental Study. <i>Molecules</i> , 2019, 24, 61.	1.7	16
38	Electrochemical Sensing of Total Antioxidant Capacity and Polyphenol Content in Wine Samples Using Amperometry Online-Coupled with Microdialysis. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7836-7843.	2.4	15
39	Cranberry intervention in patients with prostate cancer prior to radical prostatectomy. Clinical, pathological and laboratory findings. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 559-565.	0.2	15
40	Effect of different calcineurin inhibitors on AOPP and TAS after kidney transplantation. <i>Clinical Biochemistry</i> , 2010, 43, 559-565.	0.8	13
41	Ultraviolet A protective potential of plant extracts and phytochemicals. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 1-22.	0.2	12
42	Stabilization of Oxidative Stress 1 Year after Kidney Transplantation: Effect of Calcineurin Immunosuppressives. <i>Renal Failure</i> , 2012, 34, 952-959.	0.8	11
43	Effects of oral administration of <i>Lonicera caerulea</i> berries on UVB-induced damage in SKH-1 mice. A pilot study. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1830-1840.	1.6	11
44	Use of selenium&#x201c;silymarin mix reduces lower urinary tract symptoms and prostate specific antigen in men. <i>Phytomedicine</i> , 2013, 21, 75-81.	2.3	10
45	Comparison of various methods to analyse toxic effects in human skin explants: Rediscovery of TTC assay. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 530-536.	1.7	10
46	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. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2012, 156, 14-20.	0.2	8
47	Differential modulation of inflammatory markers in plasma and skin after single exposures to UVA or UVB radiation in vivo. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2013, 157, 137-145.	0.2	8
48	Cytotoxicity and Pro-Apoptotic Activity of 2,2&#x2013;Bis[4,5-bis(4-hydroxybenzyl)-2-(4-hydroxyphenyl)cyclopent-4-en-1,3-dione], a Phenolic Cyclopentenedione Isolated from the Cyanobacterium Strain <i>Nostoc</i> sp. str. <i>Luke&amp;#x0160;ov&amp;#x0161; 27/97</i> . <i>Molecules</i> , 2011, 16, 4254-4263.	1.7	7
49	Human keratinocyte cell line as a suitable alternative model for in vitro phototoxicity testing. <i>Anais Brasileiros De Dermatologia</i> , 2019, 94, 105-106.	0.5	7
50	Effect of the flavonoids quercetin and taxifolin on UVA-induced damage to human primary skin keratinocytes and fibroblasts. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 59-75.	1.6	6
51	Oxidative stress after kidney transplantation: The role of immunosuppression. <i>Dialysis and Transplantation</i> , 2010, 39, 391-394.	0.2	2
52	Omega&#x2013;3 fatty acid supplementation candidates can be selected using fatty acid profiling. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 601-607.	1.0	2
53	Changes in antioxidant, inflammatory and metabolic markers during 1&#x00c5;week cultivation of human skin explants. <i>Journal of Applied Toxicology</i> , 2019, 39, 773-782.	1.4	2
54	Cranberry in the prophylaxis of urinary tract infections in patients with multiple sclerosis and intermittent catheterization. A pilot placebo-controlled trial. <i>Urologie Pro Praxi</i> , 2017, 18, 77-80.	0.0	1

#	ARTICLE	IF	CITATIONS
55	Stability and ultraviolet A photostability of silymarin polyphenols and its consequences for practical use in dermatology. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113897.	2.0	1
56	Modified Porphyrinic Sensor for Nitric Oxide Monitoring. <i>ECS Transactions</i> , 2006, 3, 109-115.	0.3	0