

Julie A Bienertova-Vasku

List of Publications by Year in descending order

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95
papers

2,064
citations

331670

21
h-index

276875

41
g-index

105
all docs

105
docs citations

105
times ranked

3845
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle-specific microRNAs in skeletal muscle development. <i>Developmental Biology</i> , 2016, 410, 1-13.	2.0	389
2	Insights into the molecular targets and emerging pharmacotherapeutic interventions for nonalcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2022, 126, 154925.	3.4	134
3	Genetic polymorphisms and microRNAs: new direction in molecular epidemiology of solid cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 8-21.	3.6	106
4	MicroRNAs in pulmonary arterial hypertension: pathogenesis, diagnosis and treatment. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 221-234.	2.3	103
5	Evaluation of SNPs in miR-196-a2, miR-27a and miR-146a as risk factors of colorectal cancer. <i>World Journal of Gastroenterology</i> , 2012, 18, 2827.	3.3	102
6	The role of microRNAs in mitochondria in cancer. <i>Cancer Letters</i> , 2013, 336, 1-7.	7.2	72
7	Relationship of resistin levels with endometrial cancer risk. <i>Neoplasma</i> , 2011, 58, 124-128.	1.6	56
8	Identification of MicroRNAs Regulated by Isothiocyanates and Association of Polymorphisms Inside Their Target Sites with Risk of Sporadic Colorectal Cancer. <i>Nutrition and Cancer</i> , 2013, 65, 247-254.	2.0	56
9	MicroRNA-206: a Promising Theranostic Marker. <i>Theranostics</i> , 2014, 4, 119-133.	10.0	48
10	Eustress and Distress: Neither Good Nor Bad, but Rather the Same?. <i>BioEssays</i> , 2020, 42, e1900238.	2.5	45
11	MicroRNAs Involved in the Lipid Metabolism and Their Possible Implications for Atherosclerosis Development and Treatment. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	3.0	42
12	Common polymorphisms in GSTM1, GSTT1, GSTP1, GSTA1 and susceptibility to colorectal cancer in the Central European population. <i>European Journal of Medical Research</i> , 2012, 17, 17.	2.2	39
13	Exercise-induced circulating microRNA changes in athletes in various training scenarios. <i>PLoS ONE</i> , 2018, 13, e0191060.	2.5	37
14	PIWI-piRNA pathway: Setting the pace of aging by reducing DNA damage. <i>Mechanisms of Ageing and Development</i> , 2018, 173, 29-38.	4.6	33
15	No association of defined variability in leptin, leptin receptor, adiponectin, proopiomelanocortin and ghrelin gene with food preferences in the Czech population. <i>Nutritional Neuroscience</i> , 2008, 11, 2-8.	3.1	28
16	MicroRNAs involved in skeletal muscle development and their roles in rhabdomyosarcoma pathogenesis. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1739-1746.	1.5	28
17	Obesity-related genes variability in Czech patients with sporadic colorectal cancer: preliminary results. <i>International Journal of Colorectal Disease</i> , 2009, 24, 289-294.	2.2	26
18	Methyl-CpG-binding domain sequencing reveals a prognostic methylation signature in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 1960-1972.	1.8	26

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19	MTHFR (methylenetetrahydrofolate reductase) C677T polymorphism and psoriasis. <i>Clinical and Experimental Medicine</i> , 2009, 9, 327-331.	3.6	25
20	Keeping up with the Red Queen: the pace of aging as an adaptation. <i>Biogerontology</i> , 2017, 18, 693-709.	3.9	25
21	Genotype-phenotype-nutrient association of common polymorphisms in obesity-related genes with food preferences and time structure of energy intake. <i>British Journal of Nutrition</i> , 2010, 103, 352-359.	2.3	22
22	The role of visfatin (PBEF/Nampt) in pregnancy complications. <i>Journal of Reproductive Immunology</i> , 2015, 112, 102-110.	1.9	22
23	Association of leptin genetic polymorphism -2548 G/A with gestational diabetes mellitus. <i>Genes and Nutrition</i> , 2006, 1, 117-123.	2.5	19
24	B-Cell Activating Factor as a Cancer Biomarker and Its Implications in Cancer-Related Cachexia. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	19
25	Allelic variants in vitamin D receptor gene are associated with adiposity measures in the central-European population. <i>BMC Medical Genetics</i> , 2017, 18, 90.	2.1	19
26	The common polymorphism Val109Asp in the omentin gene is associated with daily energy intake in the Central-European population. <i>Nutritional Neuroscience</i> , 2015, 18, 41-48.	3.1	17
27	Comparison of the Copenhagen Index versus ROMA for the preoperative assessment of women with ovarian tumors. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 140, 241-246.	2.3	17
28	Follistatin-Like 1 Is Downregulated in Morbidly and Super Obese Central-European Population. <i>Disease Markers</i> , 2018, 2018, 1-7.	1.3	17
29	Association between variants in the genes for leptin, leptin receptor, and proopiomelanocortin with chronic heart failure in the Czech population. <i>Heart and Vessels</i> , 2009, 24, 131-137.	1.2	16
30	Extension of microRNA expression pattern associated with high-risk neuroblastoma. <i>Tumor Biology</i> , 2013, 34, 2315-2319.	1.8	16
31	Visfatin is secreted into the breast milk and is correlated with weight changes of the infant after the birth. <i>Diabetes Research and Clinical Practice</i> , 2012, 96, 355-361.	2.8	15
32	The Impact of Five VDR Polymorphisms on Multiple Sclerosis Risk and Progression: a Case-Control and Genotype-Phenotype Study. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 559-566.	2.3	15
33	Male mortality rates mirror mortality rates of older females. <i>Scientific Reports</i> , 2019, 9, 10589.	3.3	15
34	Calculating Stress: From Entropy to a Thermodynamic Concept of Health and Disease. <i>PLoS ONE</i> , 2016, 11, e0146667.	2.5	15
35	Heterozygote AG variant of ~ 596 A/G IL-6 gene polymorphism is a marker for cutaneous T-cell lymphoma (CTCL). <i>Clinical Immunology</i> , 2004, 113, 256-260.	3.2	14
36	Three Retinoid X Receptor Gene Polymorphisms in Plaque Psoriasis and Psoriasis Guttata. <i>Dermatology</i> , 2007, 214, 118-124.	2.1	13

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37	Is there any link between severe pre-eclampsia and defined polymorphisms in leptin and adiponectin genes?. <i>Journal of Obstetrics and Gynaecology Research</i> , 2008, 34, 858-864.	1.3	12
38	Effect of ID ACE gene polymorphism on dietary composition and obesity-related anthropometric parameters in the Czech adult population. <i>Genes and Nutrition</i> , 2009, 4, 207-213.	2.5	12
39	The prediction role of indexes of circulating adipokines for common anthropometric and nutritional characteristics of obesity in the obese Central European population. <i>Eating Behaviors</i> , 2014, 15, 244-251.	2.0	12
40	Prognostic value of human epididymis protein 4 in endometrial cancer and its utility for surgical staging. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 1644-1652.	1.3	12
41	The presence of B-cell activating factor (BAFF) in umbilical cord blood in both healthy and pre-eclamptic pregnancies and in human breast milk. <i>Journal of Reproductive Immunology</i> , 2015, 109, 89-93.	1.9	12
42	Human White Adipose Tissue Metabolome: Current Perspective. <i>Obesity</i> , 2018, 26, 1870-1878.	3.0	12
43	Identification of a Diagnostic Set of Endomyocardial Biopsy microRNAs for Acute Cellular Rejection Diagnostics in Patients after Heart Transplantation Using Next-Generation Sequencing. <i>Cells</i> , 2019, 8, 1400.	4.1	12
44	Pre-treatment VDR levels and VDR receptors as potential predictors of occurrence and overall survival in paediatric patients with solid tumours—a single institution pilot study. <i>Tumor Biology</i> , 2016, 37, 9209-9219.	1.8	11
45	Therapeutic potential of vitamin E and its derivatives in traumatic brain injury-associated dementia. <i>Neurological Sciences</i> , 2018, 39, 989-998.	1.9	11
46	Association of interleukin 6, interleukin 7 receptor alpha, and interleukin 12B gene polymorphisms with multiple sclerosis. <i>Acta Neurologica Belgica</i> , 2018, 118, 493-501.	1.1	11
47	A common variation in the cannabinoid 1 receptor (CNR1) gene is associated with pre-eclampsia in the Central European population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 155, 19-22.	1.1	10
48	Brain-derived neurotrophic factor and ciliary neurotrophic factor in maternal plasma and umbilical cord blood from pre-eclamptic and physiological pregnancies. <i>Journal of Obstetrics and Gynaecology</i> , 2013, 33, 359-363.	0.9	10
49	Polymorphism in miR-31 and miR-584 binding site in the angiotensinogen gene differentially influences body fat distribution in both sexes. <i>Genes and Nutrition</i> , 2015, 10, 488.	2.5	10
50	Double strand breaks may be a missing link between entropy and aging. <i>Mechanisms of Ageing and Development</i> , 2016, 157, 1-6.	4.6	10
51	Interacting effects of the MAM model of schizophrenia and antipsychotic treatment: Untargeted proteomics approach in adipose tissue. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110165.	4.8	10
52	Matrix Metalloproteinase-2 Promoter Genotype as a Marker of Cutaneous T-Cell Lymphoma Early Stage. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-5.	3.0	9
53	Matrix Metalloproteinase 13 Genotype in rs640198 Polymorphism Is Associated with Severe Coronary Artery Disease. <i>Disease Markers</i> , 2012, 33, 43-49.	1.3	9
54	Association of genetic variability in selected regions in visfatin (NAMPT) gene with anthropometric parameters and dietary composition in obese and non-obese Central-European population. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2013, 7, 166-171.	3.6	9

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55	Assessing Stress in Pregnancy and Postpartum: Comparing Measures. <i>Maternal and Child Health Journal</i> , 2020, 24, 1193-1201.	1.5	9
56	MicroRNAs as theranostic markers in cardiac allograft transplantation: from murine models to clinical practice. <i>Theranostics</i> , 2021, 11, 6058-6073.	10.0	9
57	Are common leptin promoter polymorphisms associated with restenosis after coronary stenting?. <i>Heart and Vessels</i> , 2007, 22, 310-315.	1.2	8
58	Matrix metalloproteinase-2 promoter variability in psoriasis. <i>Archives of Dermatological Research</i> , 2009, 301, 467-473.	1.9	8
59	Socioeconomic characteristics, family structure and trajectories of children's psychosocial problems in a period of social transition. <i>PLoS ONE</i> , 2020, 15, e0234074.	2.5	8
60	Proteomic Signatures of Human Visceral and Subcutaneous Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 755-775.	3.6	8
61	ACE2 gene polymorphisms and invasively measured central pulse pressure in cardiac patients indicated for coronarography. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2013, 14, 220-226.	1.7	7
62	Period3VNTR polymorphism influences the time-of-day pain onset of acute myocardial infarction with ST elevation. <i>Chronobiology International</i> , 2014, 31, 878-890.	2.0	7
63	The Pathosome: A Dynamic Three-dimensional View of Disease-Environment Interaction. <i>BioEssays</i> , 2019, 41, 1900014.	2.5	7
64	Polymorphisms in HLA-related genes and psoriasis heredity in patients with psoriasis. <i>International Journal of Dermatology</i> , 2013, 52, 960-965.	1.0	6
65	Adipokines as Biomarkers in Health and Disease. <i>Disease Markers</i> , 2018, 2018, 1-2.	1.3	6
66	Evolution favours aging in populations with assortative mating and in sexually dimorphic populations. <i>Scientific Reports</i> , 2018, 8, 16072.	3.3	6
67	Secondary cytoreductive surgery - viable treatment option in the management of platinum-sensitive recurrent ovarian cancer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 228, 154-160.	1.1	6
68	MiR-21 binding site SNP within ITGAM associated with psoriasis susceptibility in women. <i>PLoS ONE</i> , 2019, 14, e0218323.	2.5	6
69	Sibling relatedness rather than father absence predicts earlier age at menarche in ELSPAC cohort. <i>Biology Letters</i> , 2019, 15, 20190091.	2.3	6
70	B-cell activating factor (BAFF) - a new factor linking immunity to diet?. <i>Open Medicine (Poland)</i> , 2012, 7, 275-283.	1.3	5
71	Oral administration of BDNF and/or GDNF normalizes serum BDNF level in the olfactory bulbectomized rats: A proof of concept study. <i>Pharmacological Reports</i> , 2019, 71, 669-675.	3.3	5
72	Adipophilin and perilipin 3 positively correlate with total lipid content in human breast milk. <i>Scientific Reports</i> , 2020, 10, 360.	3.3	5

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73	Matrix metalloproteinase 13 genotype in rs640198 polymorphism is associated with severe coronary artery disease. <i>Disease Markers</i> , 2012, 33, 43-9.	1.3	5
74	Association of Picky Eating with Weight and Height—The European Longitudinal Study of Pregnancy and Childhood (ELSPAC—CZ). <i>Nutrients</i> , 2022, 14, 444.	4.1	5
75	Stress entropic load—as a transgenerational epigenetic response trigger. <i>Medical Hypotheses</i> , 2014, 82, 271-274.	1.5	4
76	Umbilical cord blood and maternal visfatin (PBEF/NAMPT) concentrations in preterm birth with and without preterm premature rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1811-1818.	1.5	4
77	Higher Energy Intake Variability as Predisposition to Obesity: Novel Approach Using Interquartile Range. <i>Central European Journal of Public Health</i> , 2017, 25, 321-325.	1.1	4
78	HSPB7 gene polymorphism associated with anthropometric parameters of obesity and fat intake in a Central European population. <i>Central European Journal of Public Health</i> , 2018, 26, 272-277.	1.1	4
79	Birth weight rather than birth length is associated with childhood behavioural problems in a Czech ELSPAC cohort. <i>PLoS ONE</i> , 2021, 16, e0253607.	2.5	3
80	The Dynamic Pathosome: A Surrogate for Health and Disease. <i>Healthy Ageing and Longevity</i> , 2020, , 271-288.	0.2	3
81	Per3 VNTR polymorphism and chronic heart failure. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 080-083.	0.6	3
82	Relation between adiponectin 45 T/G polymorphism and dietary composition in the Czech population. <i>Diabetes Research and Clinical Practice</i> , 2009, 84, 329-331.	2.8	2
83	Common polymorphism +45T/G in adiponectin gene as potential modulator of in-stent restenosis development. <i>International Journal of Cardiology</i> , 2010, 145, 351.	1.7	2
84	Variability in CNR1 locus influences protein intake and smoking status in the Central-European population. <i>Nutritional Neuroscience</i> , 2012, 15, 163-170.	3.1	2
85	Comparison of maternal omentin-1 levels and genetic variability between spontaneous term and preterm births. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1689-1695.	1.5	2
86	Stress entropic load: New stress measurement method?. <i>PLoS ONE</i> , 2018, 13, e0205812.	2.5	2
87	Dietary pattern longitudinality during 8 years in children: results from the European Longitudinal Study of Pregnancy and Childhood (ELSPAC—CZ). <i>Public Health Nutrition</i> , 2021, 24, 2611-2617.	2.2	2
88	Comparison of agouti-related peptide levels in peripheral blood of postpartum pre-eclamptic and non pre-eclamptic women and in umbilical cord blood from their pregnancies. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, e53-e55.	2.8	1
89	Increased age-adjusted hazard of death associated with a common single nucleotide polymorphism of the human RAD52 gene in a cardiovascular cohort. <i>Mechanisms of Ageing and Development</i> , 2017, 167, 56-63.	4.6	1
90	Association of Glutathione S-Transferase Polymorphisms with Dietary Composition but Not Anthropometry in Obese as Well as Nonobese Individuals. <i>Journal of the American College of Nutrition</i> , 2018, 37, 87-92.	1.8	1

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91	Estimated dietary iodine intake as a predictor of placental size: evidence from the ELSPAC study. Nutrition and Metabolism, 2018, 15, 5.	3.0	1
92	Homeostatic model of human thermoregulation with bi-stability. Scientific Reports, 2021, 11, 17327.	3.3	1
93	Melanocortin system in cancer-related cachexia. Open Medicine (Poland), 2011, 6, 550-557.	1.3	0
94	The PER3 VNTR polymorphism is a predictor of dietary composition in the Central European population. Biological Rhythm Research, 0, , 1-11.	0.9	0
95	Circulating Levels of Agouti-Related Peptide in Endometrial Cancer Survivors. World Journal of Oncology, 2011, 2, 232-237.	1.5	0