Uros Potocnik

List of Publications by Year
in descending order

84	5,320	394421 19	88630 70
papers	citations	h-index	g-index

85	85	85	11853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hostâ€“microbe interactions have shaped the genetic architecture of inflammatory bowel disease. Nature, 2012, 491, 119-124.	27.8	4,038
2	Polymorphisms in multidrug resistance 1 (MDR1) gene are associated with refractory Crohn disease and ulcerative colitis. Genes and Immunity, 2004, 5, 530-539.	4.1	168
3	22q11 deletion syndrome in childhood onset schizophrenia: an update. Molecular Psychiatry, 2004, 9, 225-226.	7.9	83
4	Causes of microsatellite instability in colorectal tumors. Cancer Genetics and Cytogenetics, 2001, 126, 85-96.	1.0	51
5	Genomeâ€wide association study of inhaled corticosteroid response in admixed children with asthma. Clinical and Experimental Allergy, 2019, 49, 789-798.	2.9	50
6	Genetic polymorphism in ATG16L1 gene influences the response to adalimumab in Crohn's disease patients. Pharmacogenomics, 2015, 16, 191-204.	1.3	48
7	Association among ORMDL3 gene expression, 17q21 polymorphism and response to treatment with inhaled corticosteroids in children with asthma. Pharmacogenomics Journal, 2013, 13, 523-529.	2.0	39
8	Common germline MDR1/ABCB1 functional polymorphisms and haplotypes modify susceptibility to colorectal cancers with high microsatellite instability. Cancer Genetics and Cytogenetics, 2008, 183, 28-34.	1.0	34
9	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. Pharmacogenomics, 2017, 18, 931-943.	1.3	30
10	Carboxymethyl cellulose/diclofenac bioactive coatings on AISI 316LVM for controlled drug delivery, and improved osteogenic potential. Carbohydrate Polymers, 2020, 230, 115612.	10.2	30
11	CTLA4 CT60 Single-Nucleotide Polymorphism Is Associated with Slovenian Inflammatory Bowel Disease Patients and Regulates Expression of CTLA4 Isoforms. DNA and Cell Biology, 2010, 29, 603-610.	1.9	28
12	Polymorphisms in recent GWA identified asthma genes CA10, SGK493, and CTNNA3 are associated with disease severity and treatment response in childhood asthma. Immunogenetics, 2014, 66, 143-151.	2.4	27
13	Childhood asthma in the new omics era: challenges and perspectives. Current Opinion in Allergy and Clinical Immunology, 2020, 20, 155-161.	2.3	26
14	Correlation of MFOLD-predicted DNA secondary structures with separation patterns obtained by capillary electrophoresis single-strand conformation polymorphism (CE-SSCP) analysis. Human Mutation, 2002, 19, 384-394.	2.5	24
15	Low microsatellite instability and high loss of heterozygosity rates indicate dominant role of the suppressor pathway in squamous cell carcinoma of head and neck and loss of heterozygosity of 11q14.3 correlates with tumor grade. Cancer Genetics and Cytogenetics, 2003, 146, 27-32.	1.0	24
16	Relationship between genome and epigenome - challenges and requirements for future research. BMC Genomics, 2014, 15, 487.	2.8	24
17	17q21 variant increases the risk of exacerbations in asthmatic children despite inhaled corticosteroids use. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2083-2088.	5.7	22
18	Could polymorphisms of some hormonal receptor genes, involved in folliculogenesis help in predicting patient response to controlled ovarian stimulation?. Journal of Assisted Reproduction and Genetics, 2019, 36, 47-55.	2.5	20

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19	The role of P-glycoprotein (MDR1) polymorphisms and mutations in colorectal cancer. Pflugers Archiv European Journal of Physiology, 2001, 442, r182-r183.	2.8	19
20	A Prospective Pharmacogenomic Study of Crohn's Disease Patients during Routine Therapy with Anti-TNF-Î± Drug Adalimumab: Contribution of ATG5, NFKB1, and CRP Genes to Pharmacodynamic Variability. OMICS A Journal of Integrative Biology, 2016, 20, 296-309.	2.0	19
21	Association ofCCR5-delta32 Mutation with Reduced Risk of Nonatopic Asthma in Slovenian Children. Journal of Asthma, 2008, 45, 780-784.	1.7	18
22	Genomic DNA sequence of Rhesus (M. mulatta) cystic fibrosis (CFTR) gene. Mammalian Genome, 1998, 9, 301-305.	2.2	17
23	Rapid differentiation of bacterial species by high resolution melting curve analysis. Applied Biochemistry and Microbiology, 2011, 47, 256-263.	0.9	17
24	Downregulation of ABCB1 gene in patients with total hip or knee arthroplasty influences pharmacokinetics of rivaroxaban: a population pharmacokinetic-pharmacodynamic study. European Journal of Clinical Pharmacology, 2019, 75, 817-824.	1.9	17
25	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. European Respiratory Journal, 2021, 57, 2003388.	6.7	17
26	Head and Neck Cancer Stem Cell-Enriched Spheroid Model for Anticancer Compound Screening. Cells, 2020, 9, 1707.	4.1	15
27	IL1RL1 gene variations are associated with asthma exacerbations in children and adolescents using inhaled corticosteroids. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 984-989.	5.7	14
28	Single Nucleotide Polymorphisms as Prognostic and Predictive Factors of Adjuvant Chemotherapy in Colorectal Cancer of Stages I and II. Gastroenterology Research and Practice, 2016, 2016, 1-10.	1.5	13
29	Multi-locus genetic risk score predicts risk for Crohnâ€™s disease in Slovenian population. World Journal of Gastroenterology, 2016, 22, 3777.	3.3	13
30	Functional polymorphism inCTLA4gene influences the response to therapy with inhaled corticosteroids in Slovenian children with atopic asthma. Biomarkers, 2010, 15, 158-166.	1.9	12
31	Solitary and multiple uterine leiomyomas among Caucasian women: two different disorders?. Fertility and Sterility, 2010, 94, 2291-2295.	1.0	12
32	CD14 gene polymorphism is not associated with asthma but rather with bronchial obstruction and hyperreactivity in Slovenian children with non-atopic asthma. Respiratory Medicine, 2011, 105, S54-S59.	2.9	12
33	Haplotype in the IBD5 region is associated with refractory Crohnâ€™s disease in Slovenian patients and modulates expression of the SLC22A5 gene. Journal of Gastroenterology, 2011, 46, 1081-1091.	5.1	12
34	Pre-Treatment Biomarkers of Anti-Tumour Necrosis Factor Therapy Response in Crohnâ€™s Diseaseâ€”A Systematic Review and Gene Ontology Analysis. Cells, 2019, 8, 515.	4.1	12
35	Determining the Molecular Background of Endometrial Receptivity in Adenomyosis. Biomolecules, 2020, 10, 1311.	4.0	12
36	A Novel in Frame Deletion of Codons 188â€“190 in the hMSH2 Gene of a Slovenian Patient with Hereditary Non-Polyposis Colorectal Cancer. Human Heredity, 1998, 48, 285-287.	0.8	11

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37	Association of Q551R polymorphism in the interleukin 4 receptor gene with nonatopic asthma in Slovenian children. Wiener Klinische Wochenschrift, 2010, 122, 11-18.	1.9	11
38	Single nucleotide polymorphisms in genes MACC1, RAD18, MMP7 and SDF-1a as prognostic factors in resectable colorectal cancer. Radiology and Oncology, 2017, 51, 151-159.	1.7	11
39	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1238-1243.	5.7	11
40	A System Pharmacology Multi-Omics Approach toward Uncontrolled Pediatric Asthma. Journal of Personalized Medicine, 2021, 11, 484.	2.5	11
41	Limited Evidence for Parent-of-Origin Effects in Inflammatory Bowel Disease Associated Loci. PLoS ONE, 2012, 7, e45287.	2.5	10
42	Reference genes for real-time qPCR in leukocytes from asthmatic patients before and after anti-asthma treatment. Gene, 2015, 570, 71-77.	2.2	10
43	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. Pharmacogenomics Journal, 2020, 20, 621-628.	2.0	10
44	Transferrin Level Before Treatment and Genetic Polymorphism in HFE Gene as Predictive Markers for Response to Adalimumab in Crohnâ€™s Disease Patients. Biochemical Genetics, 2016, 54, 476-486.	1.7	9
45	eQTL analysis links inflammatory bowel disease associated 1q21 locus to ECM1 gene. Journal of Applied Genetics, 2016, 57, 363-372.	1.9	9
46	Biologicals in childhood severe asthma: the European PERMEABLE survey on the status quo. ERJ Open Research, 2021, 7, 00143-2021.	2.6	9
47	Metabolic profiling of attached and detached metformin and 2-deoxy-D-glucose treated breast cancer cellsÂreveals adaptive changes in metabolome of detached cells. Scientific Reports, 2021, 11, 21354.	3.3	9
48	Crohn's Disease Candidate Gene Alleles Predict Time to Progression from Inflammatory B1 to Stricturing B2, or Penetrating B3 Phenotype. Genetic Testing and Molecular Biomarkers, 2018, 22, 143-151.	0.7	8
49	Comprehensive genetic study of fatty acids helps explain the role of noncoding inflammatory bowel disease associated SNPs and fatty acid metabolism in disease pathogenesis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 130, 1-10.	2.2	8
50	Omics data integration identifiesÂELOVL7ÂandÂMMDÂgene regions as novel loci for adalimumab response in patients with Crohnâ€™s disease. Scientific Reports, 2021, 11, 5449.	3.3	8
51	Transcriptome changes during peanut oral immunotherapy and omalizumab treatment. Pediatric Allergy and Immunology, 2022, 33, e13682.	2.6	8
52	Identification of novel genes with somatic frameshift mutations within coding mononucleotide repeats in colorectal tumors with high microsatellite instability. Genes Chromosomes and Cancer, 2003, 36, 48-56.	2.8	7
53	High-Resolution Melting Curve Analysis for High-Throughput Genotyping of NOD2/CARD15 Mutations and Distribution of These Mutations in Slovenian Inflammatory Bowel Diseases Patients. Disease Markers, 2011, 30, 265-274.	1.3	7
54	Genetic prediction profile for adalimumab response in Slovenian Crohnâ€™s disease patients. Zeitschrift Fur Gastroenterologie, 2019, 57, 1218-1225.	0.5	7

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55	Identification of a shared genetic risk locus for Kawasaki disease and immunoglobulin A vasculitis by a cross-phenotype meta-analysis. Rheumatology, 2022, 61, 1204-1210.	1.9	7
56	Peripheral Blood Transcriptome in Breast Cancer Patients as a Source of Less Invasive Immune Biomarkers for Personalized Medicine, and Implications for Triple Negative Breast Cancer. Cancers, 2022, 14, 591.	3.7	7
57	Dual Effect of Combined Metformin and 2-Deoxy-D-Glucose Treatment on Mitochondrial Biogenesis and PD-L1 Expression in Triple-Negative Breast Cancer Cells. Cancers, 2022, 14, 1343.	3.7	7
58	Evaluation of microsatellite markers for efficient assessment of high microsatellite instabile colorectal tumors. Pflugers Archiv European Journal of Physiology, 2000, 439, r047-r049.	2.8	6
59	DNA polymorphisms predict time to progression from uncomplicated to complicated Crohnâ€™s disease. European Journal of Gastroenterology and Hepatology, 2018, 30, 447-455.	1.6	6
60	ADRB2 haplotypes and asthma exacerbations in children and young adults: An individual participant data metaâ€analysis. Clinical and Experimental Allergy, 2021, 51, 1157-1171.	2.9	6
61	Identification of ROBO2 as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. Journal of Personalized Medicine, 2021, 11, 733.	2.5	6
62	Pre-treatment risk assessment of women with endometrial cancer: differences in outcomes of molecular and clinical classifications in the Slovenian patient cohort. Radiology and Oncology, 2021, 56, 76-82.	1.7	6
63	Multiomics analysis identifies BIRC3 as a novel glucocorticoid responseâ€“associated gene. Journal of Allergy and Clinical Immunology, 2022, 149, 1981-1991.	2.9	6
64	MIR137/MIR2682 locus is associated with perineural invasiveness in head and neck cancer. Journal of Oral Pathology and Medicine, 2021, 50, 874-881.	2.7	5
65	Molecular Dynamics Simulations Predict that rSNP Located in the HNF-1Î± Gene Promotor Region Linked with MODY3 and Hepatocellular Carcinoma Promotes Stronger Binding of the HNF-4Î± Transcription Factor. Biomolecules, 2020, 10, 1700.	4.0	5
66	Expert meeting report: towards a joint European roadmap to address the unmet needs and priorities of paediatric asthma patients on biologic therapy. ERJ Open Research, 2021, 7, 00381-2021.	2.6	5
67	Transcriptomics of receptive endometrium in women with sonographic features of adenomyosis. Reproductive Biology and Endocrinology, 2022, 20, 2.	3.3	5
68	MFUM-BrTNBC-1, a Newly Established Patient-Derived Triple-Negative Breast Cancer Cell Line: Molecular Characterisation, Genetic Stability, and Comprehensive Comparison with Commercial Breast Cancer Cell Lines. Cells, 2022, 11, 117.	4.1	5
69	A CYP17A1 gene polymorphism in association with multiple uterine leimyomas; a meta-analysis. Cancer Biomarkers, 2011, 8, 29-34.	1.7	4
70	Polymorphism of theIL13gene may be associated with Uterine leiomyomas in Slovenian women. Balkan Journal of Medical Genetics, 2016, 19, 51-60.	0.5	4
71	Improved locus-specific unmethylated controls for MS-HRM analysis derived from 5-aza-2-deoxycytidine-treated DNA. BioTechniques, 2019, 66, 150-153.	1.8	4
72	Isolation and characterization of the first Slovenian human tripleâ€negative breast cancer cell line. Breast Journal, 2020, 26, 328-330.	1.0	4

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73	Molecular Genetic Architecture of Monogenic Pediatric IBD Differs from Complex Pediatric and Adult IBD. Journal of Personalized Medicine, 2020, 10, 243.	2.5	4
74	Polymorphism on chromosome 20p13 near the IDH3B gene is associated with uterine prolapse. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2020, 252, 155-159.	1.1	4
75	Subclinical atherosclerosis in patients with relapsing-remitting multiple sclerosis. Wiener Klinische Wochenschrift, 2021, , 1.	1.9	4
76	Screening methods for cystic fibrosis transmembrane conductance regulator (CFTR) gene mutations in non-human primates. Pflugers Archiv European Journal of Physiology, 2000, 439, r012-r013.	2.8	3
77	Genetic biases related to chronic venous ulceration. Journal of Wound Care, 2019, 28, 59-65.	1.2	3
78	Polymorphism in the GATM Locus Associated with Dialysis-Independent Chronic Kidney Disease but Not Dialysis-Dependent Kidney Failure. Genes, 2021, 12, 834.	2.4	3
79	De novo mutation in KITLG gene causes a variant of Familial Progressive Hyperâ€•and Hypoâ€pigmentation (FPHH). Molecular Genetics & Genomic Medicine, 2021, , e1841.	1.2	3
80	Cleavage-Mediated Regulation of Myd88 Signaling by Inflammasome-Activated Caspase-1. Frontiers in Immunology, 2021, 12, 790258.	4.8	3
81	Dysregulation of Synaptic Signaling Genes Is Involved in Biology of Uterine Leiomyoma. Genes, 2021, 12, 1179.	2.4	2
82	Evaluation of microsatellite markers for efficient assessment of high microsatellite instabile colorectal tumors. Pflugers Archiv European Journal of Physiology, 2000, 439, R47-9.	2.8	1
83	Screening methods for cystic fibrosis transmembrane conductance regulator (CFTR) gene mutations in non-human primates. Pflugers Archiv European Journal of Physiology, 2000, 439, R12-R13.	2.8	0
84	Evaluation of microsatellite markers for efficient assessment of high microsatellite instabile colorectal tumors. Pflugers Archiv European Journal of Physiology, 2000, 439, R47-R49.	2.8	0