Szilard Poliska

List of Publications by Year
in descending order

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80	3,105	186254	175241
papers	citations	28 h-index	52 g-index

90	90	90	5799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phenotypic plasticity of melanocytes derived from human adult skin. Pigment Cell and Melanoma Research, 2022, 35, 38-51.	3.3	10
2	Circulating microRNA sequencing revealed miRNome patterns in hematology and oncology patients aiding the prognosis of invasive aspergillosis. Scientific Reports, 2022, 12, 7144.	3.3	2
3	Tissue Transglutaminase Knock-Out Preadipocytes and Beige Cells of Epididymal Fat Origin Possess Decreased Mitochondrial Functions Required for Thermogenesis. International Journal of Molecular Sciences, 2022, 23, 5175.	4.1	3
4	Transcriptome profiling of kisspeptin neurons from the mouse arcuate nucleus reveals new mechanisms in estrogenic control of fertility. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
5	A modified culture medium and hyphae isolation method can increase quality of the RNA extracted from mycelia of a dimorphic fungal species. Current Genetics, 2021, 67, 823-830.	1.7	5
6	Draft genome of a biparental beetle species, Lethrus apterus. BMC Genomics, 2021, 22, 301.	2.8	0
7	Heme cytotoxicity is the consequence of endoplasmic reticulum stress in atherosclerotic plaque progression. Scientific Reports, 2021, 11, 10435.	3.3	5
8	Transcriptomeâ€based screening of ion channels and transporters in a migratory chondroprogenitor cell line isolated from lateâ€stage osteoarthritic cartilage. Journal of Cellular Physiology, 2021, 236, 7421-7439.	4.1	6
9	Epidermal Growth Factor Modulates Palmitic Acid-Induced Inflammatory and Lipid Signaling Pathways in SZ95 Sebocytes. Frontiers in Immunology, 2021, 12, 600017.	4.8	14
10	The cryptic gonadotropin-releasing hormone neuronal system of human basal ganglia. ELife, 2021, 10, .	6.0	16
11	Coordinated action of human papillomavirus type 16 E6 and E7 oncoproteins on competitive endogenous RNA (ceRNA) network members in primary human keratinocytes. BMC Cancer, 2021, 21, 673.	2.6	5
12	Inotocin, a potential modulator of reproductive behaviours in a biparental beetle, Lethrus apterus. Journal of Insect Physiology, 2021, 132, 104253.	2.0	4
13	Embryonic exposure to low concentrations of aflatoxin B1 triggers global transcriptomic changes, defective yolk lipid mobilization, abnormal gastrointestinal tract development and inflammation in zebrafish. Journal of Hazardous Materials, 2021, 416, 125788.	12.4	18
14	Oxidation of Hemoglobin Drives a Proatherogenic Polarization of Macrophages in Human Atherosclerosis. Antioxidants and Redox Signaling, 2021, 35, 917-950.	5.4	16
15	BMP7 Increases UCP1-Dependent and Independent Thermogenesis with a Unique Gene Expression Program in Human Neck Area Derived Adipocytes. Pharmaceuticals, 2021, 14, 1078.	3.8	11
16	Irisin Stimulates the Release of CXCL1 From Differentiating Human Subcutaneous and Deep-Neck Derived Adipocytes via Upregulation of NFÎºB Pathway. Frontiers in Cell and Developmental Biology, 2021, 9, 737872.	3.7	11
17	Indoleamine 2,3-Dioxygenase Cannot Inhibit Chlamydia trachomatis Growth in HL-60 Human Neutrophil Granulocytes. Frontiers in Immunology, 2021, 12, 717311.	4.8	4
18	miR-146a modulates TLR1/2 and 4 induced inflammation and links it with proliferation and lipid production via the indirect regulation of GNG7 in human SZ95 sebocytes. Scientific Reports, 2021, 11, 21510.	3.3	7

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19	Incipient sympatric speciation via host race formation in Phengaris arion (Lepidoptera: Lycaenidae). Organisms Diversity and Evolution, 2020, 20, 63-76.	1.6	4
20	The transcription factor EGR2 is the molecular linchpin connecting STAT6 activation to the late, stable epigenomic program of alternative macrophage polarization. Genes and Development, 2020, 34, 1474-1492.	5.9	38
21	Vessel Wall-Derived Mesenchymal Stromal Cells Share Similar Differentiation Potential and Immunomodulatory Properties with Bone Marrow-Derived Stromal Cells. Stem Cells International, 2020, 2020, 1-16.	2.5	5
22	Investigation of the Possible Role of Tie2 Pathway and TEK Gene in Asthma and Allergic Conjunctivitis. Frontiers in Genetics, 2020, 11, 128.	2.3	3
23	Rosacea Is Characterized by a Profoundly Diminished Skin Barrier. Journal of Investigative Dermatology, 2020, 140, 1938-1950.e5.	0.7	36
24	Reduced miR-26b Expression in Megakaryocytes and Platelets Contributes to Elevated Level of Platelet Activation Status in Sepsis. International Journal of Molecular Sciences, 2020, 21, 866.	4.1	30
25	FTO Intronic SNP Strongly Influences Human Neck Adipocyte Browning Determined by Tissue and PPARÎ³ Specific Regulation: A Transcriptome Analysis. Cells, 2020, 9, 987.	4.1	24
26	Indoleamine 2,3-Dioxygenase Activity in Chlamydia muridarum and Chlamydia pneumoniae Infected Mouse Lung Tissues. Frontiers in Cellular and Infection Microbiology, 2019, 9, 192.	3.9	15
27	Coagulation FXIII-A Protein Expression Defines Three Novel Sub-populations in Pediatric B-Cell Progenitor Acute Lymphoblastic Leukemia Characterized by Distinct Gene Expression Signatures. Frontiers in Oncology, 2019, 9, 1063.	2.8	6
28	Gene expression analysis of vascular pathophysiology related to anti-TNF treatment in rheumatoid arthritis. Arthritis Research and Therapy, 2019, 21, 94.	3.5	8
29	Labelled regulatory elements are pervasive features of the macrophage genome and are dynamically utilized by classical and alternative polarization signals. Nucleic Acids Research, 2019, 47, 2778-2792.	14.5	14
30	Deletion of the fungus specific protein phosphatase Z1 exaggerates the oxidative stress response in Candida albicans. BMC Genomics, 2019, 20, 873.	2.8	9
31	Dysregulated expression profile of myomiRs in the skeletal muscle of patients with polymyositis. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2019, 30, 237-245.	0.7	10
32	The IL-4/STAT6/PPARÎ³ signaling axis is driving the expansion of the RXR heterodimer cistrome, providing complex ligand responsiveness in macrophages. Nucleic Acids Research, 2018, 46, 4425-4439.	14.5	47
33	Immunomodulatory capacity of the serotonin receptor 5-HT2B in a subset of human dendritic cells. Scientific Reports, 2018, 8, 1765.	3.3	56
34	The Transcription Factor STAT6 Mediates Direct Repression of Inflammatory Enhancers and Limits Activation of Alternatively Polarized Macrophages. Immunity, 2018, 48, 75-90.e6.	14.3	185
35	Dynamic transcriptional control of macrophage miRNA signature via inflammation responsive enhancers revealed using a combination of next generation sequencing-based approaches. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 14-28.	1.9	8
36	The Nuclear Receptor PPARÎ³ Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. Immunity, 2018, 49, 615-626.e6.	14.3	128

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37	Genome wide analysis of TLR1/2- and TLR4-activated SZ95 sebocytes reveals a complex immune-competence and identifies serum amyloid A as a marker for activated sebaceous glands. PLoS ONE, 2018, 13, e0198323.	2.5	27
38	Immunotopographical Differences of Human Skin. Frontiers in Immunology, 2018, 9, 424.	4.8	32
39	Analysis of KRT1, KRT10, KRT19, TP53 and MMP9 expression in pediatric and adult cholesteatoma. PLoS ONE, 2018, 13, e0200840.	2.5	8
40	Endothelial cell activation is attenuated by everolimus via transcriptional and post-transcriptional regulatory mechanisms after drug-eluting coronary stenting. PLoS ONE, 2018, 13, e0197890.	2.5	19
41	Retinoid X receptor suppresses a metastasis-promoting transcriptional program in myeloid cells via a ligand-insensitive mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10725-10730.	7.1	24
42	Insulin/IGF Signaling and Life History Traits in Response to Food Availability and Perceived Density in the Cnidarian Hydra vulgaris. Zoological Science, 2017, 34, 318.	0.7	2
43	Hyperglycaemia suppresses microRNA expression in platelets to increase P2RY12 and SELP levels in type 2 diabetes mellitus. Thrombosis and Haemostasis, 2017, 117, 529-542.	3.4	74
44	MicroRNA expression profiles identify disease-specific alterations in systemic lupus erythematosus and primary SjÃ¶gren's syndrome. PLoS ONE, 2017, 12, e0174585.	2.5	93
45	Evaluation of potential reference genes for real-time qPCR analysis in a biparental beetle,Lethrus apterus(Coleoptera: Geotrupidae). PeerJ, 2017, 5, e4047.	2.0	23
46	[Letter to the Editor] Comparison of small RNA next-generation sequencing with and without isolation of small RNA fraction. BioTechniques, 2016, 60, 273-8.	1.8	5
47	Role of Human Corneal Stroma-Derived Mesenchymal-Like Stem Cells in Corneal Immunity and Wound Healing. Scientific Reports, 2016, 6, 26227.	3.3	45
48	Highly Dynamic Transcriptional Signature of Distinct Macrophage Subsets during Sterile Inflammation, Resolution, and Tissue Repair. Journal of Immunology, 2016, 196, 4771-4782.	0.8	147
49	215 TLR2 and TLR4 activated SZ95 sebocytes promote inflammation prior to changing lipid metabolism at the level of gene expression. Journal of Investigative Dermatology, 2016, 136, S197.	0.7	0
50	Macrophage PPARÎ³, a Lipid Activated Transcription Factor Controls the Growth Factor GDF3 and Skeletal Muscle Regeneration. Immunity, 2016, 45, 1038-1051.	14.3	134
51	The IL-4/STAT6 signaling axis establishes a conserved microRNA signature in human and mouse macrophages regulating cell survival via miR-342-3p. Genome Medicine, 2016, 8, 63.	8.2	35
52	Sebocytes differentially express and secrete adipokines. Experimental Dermatology, 2016, 25, 194-199.	2.9	53
53	Effect of Bleomycin Hydrolase Gene Polymorphism on Late Pulmonary Complications of Treatment for Hodgkin Lymphoma. PLoS ONE, 2016, 11, e0157651.	2.5	20
54	Combination of IgG Nâ€glycomics and corresponding transcriptomics data to identify antiâ€TNFâ€Î± treatment responders in inflammatory diseases. Electrophoresis, 2015, 36, 1330-1335.	2.4	12

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55	Isolation and Characterisation of 15 Microsatellite Loci fromLethrus apterus(Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	6
56	Transcriptional regulation of genes involved in keratinocyte differentiation by human papillomavirus 16 oncoproteins. Archives of Virology, 2015, 160, 389-398.	2.1	18
57	PRMT1 and PRMT8 Regulate Retinoic Acid-Dependent Neuronal Differentiation with Implications to Neuropathology. Stem Cells, 2015, 33, 726-741.	3.2	47
58	The c-MYC Protooncogene Expression in Cholesteatoma. BioMed Research International, 2014, 2014, 1-6.	1.9	11
59	The active enhancer network operated by liganded RXR supports angiogenic activity in macrophages. Genes and Development, 2014, 28, 1562-1577.	5.9	85
60	PPARÎ³-Mediated and Arachidonic Acidâ€“Dependent Signaling Is Involved in Differentiation and Lipid Production of Human Sebocytes. Journal of Investigative Dermatology, 2014, 134, 910-920.	0.7	77
61	Highly efficient differentiation of embryonic stem cells into adipocytes by ascorbic acid. Stem Cell Research, 2014, 13, 88-97.	0.7	36
62	Pharmacogenetics and pharmacogenomics in rheumatology. Immunologic Research, 2013, 56, 325-333.	2.9	22
63	Comparison of upstream regulators in human ex vivo cultured cornea limbal epithelial stem cells and differentiated corneal epithelial cells. BMC Genomics, 2013, 14, 900.	2.8	17
64	Tissue LyC6âˆ' Macrophages Are Generated in the Absence of Circulating LyC6âˆ' Monocytes and Nur77 in a Model of Muscle Regeneration. Journal of Immunology, 2013, 191, 5695-5701.	0.8	80
65	Peripheral blood derived gene panels predict response to infliximab in rheumatoid arthritis and Crohn's disease. Genome Medicine, 2013, 5, 59.	8.2	38
66	A7.20â€...Response to Infliximab Therapy can be Predicted using Distinct, Non-Overlapping Gene Panels of Peripheral Blood Gene Expression in Rheumatoid Arthritis and Crohnâ€™s Disease. Annals of the Rheumatic Diseases, 2013, 72, A55.1-A55.	0.9	1
67	Identification of novel markers of alternative activation and potential endogenous PPARÎ³ ligand production mechanisms in human IL-4 stimulated differentiating macrophages. Immunobiology, 2012, 217, 1301-1314.	1.9	41
68	Peripheral Blood Gene Expression and IgG Glycosylation Profiles as Markers of Tocilizumab Treatment in Rheumatoid Arthritis. Journal of Rheumatology, 2012, 39, 916-928.	2.0	25
69	Quantitative analysis of proteins in the tear fluid of patients with diabetic retinopathy. Journal of Proteomics, 2012, 75, 2196-2204.	2.4	113
70	Association of peroxisome proliferator-activated receptor gamma polymorphisms with inflammatory bowel disease in a Hungarian cohort. Inflammatory Bowel Diseases, 2012, 18, 472-479.	1.9	13
71	Chronic Obstructive Pulmonary Disease-Specific Gene Expression Signatures of Alveolar Macrophages as well as Peripheral Blood Monocytes Overlap and Correlate with Lung Function. Respiration, 2011, 81, 499-510.	2.6	46
72	Gene expression profiles in peripheral blood for the diagnosis of autoimmune diseases. Trends in Molecular Medicine, 2011, 17, 223-233.	6.7	50

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73	Combination of peripheral blood gene expression profiles and clinical parameters predicts response to tocilizumab treatment in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2011, 70, A13-A14.	0.9	0
74	Activation of retinoic acid receptor signaling coordinates lineage commitment of spontaneously differentiating mouse embryonic stem cells in embryoid bodies. FEBS Letters, 2010, 584, 3123-3130.	2.8	32
75	STAT6 Transcription Factor Is a Facilitator of the Nuclear Receptor PPARÎ³-Regulated Gene Expression in Macrophages and Dendritic Cells. Immunity, 2010, 33, 699-712.	14.3	352
76	Analyses of association between PPAR gamma and EPHX1 polymorphisms and susceptibility to COPD in a Hungarian cohort, a case-control study. BMC Medical Genetics, 2010, 11, 152.	2.1	23
77	Peripheral blood gene expression patterns discriminate among chronic inflammatory diseases and healthy controls and identify novel targets. BMC Medical Genomics, 2010, 3, 15.	1.5	100
78	Activation of Liver X Receptor Sensitizes Human Dendritic Cells to Inflammatory Stimuli. Journal of Immunology, 2010, 184, 5456-5465.	0.8	65
79	Research Resource: Transcriptome Profiling of Genes Regulated by RXR and Its Permissive and Nonpermissive Partners in Differentiating Monocyte-Derived Dendritic Cells. Molecular Endocrinology, 2010, 24, 2218-2231.	3.7	67
80	1,25-Dihydroxyvitamin D3 Is an Autonomous Regulator of the Transcriptional Changes Leading to a Tolerogenic Dendritic Cell Phenotype. Journal of Immunology, 2009, 182, 2074-2083.	0.8	209