Sergei B Koralov

List of Publications by Year
in descending order

62	4,326	159585 30	128289 60
papers	citations	h-index	g-index

69	69	69	8017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding Cell Lines, Patient-Derived Xenograft and Genetically Engineered Mouse Models Used to Study Cutaneous T-Cell Lymphoma. Cells, 2022, 11, 593.	4.1	6
2	Robust immune responses are observed after one dose of BNT162b2 mRNA vaccine dose in SARS-CoV-2â€“experienced individuals. Science Translational Medicine, 2022, 14, .	12.4	65
3	Lower Airway Dysbiosis Affects Lung Cancer Progression. Cancer Discovery, 2021, 11, 293-307.	9.4	139
4	A Comparative Analysis of SARS-CoV-2 Antivirals Characterizes 3CL ^{pro} Inhibitor PF-00835231 as a Potential New Treatment for COVID-19. Journal of Virology, 2021, 95, .	3.4	94
5	Microbial-derived antigens and metabolites in spondyloarthritis. Seminars in Immunopathology, 2021, 43, 163-172.	6.1	10
6	Genetic variation of staphylococcal LukAB toxin determines receptor tropism. Nature Microbiology, 2021, 6, 731-745.	13.3	14
7	Improving oligo-conjugated antibody signal in multimodal single-cell analysis. ELife, 2021, 10, .	6.0	33
8	Methotrexate hampers immunogenicity to BNT162b2 mRNA COVID-19 vaccine in immune-mediated inflammatory disease. Annals of the Rheumatic Diseases, 2021, 80, 1339-1344.	0.9	202
9	SARS-CoV-2 exacerbates proinflammatory responses in myeloid cells through C-type lectin receptors and Tweety family member 2. Immunity, 2021, 54, 1304-1319.e9.	14.3	115
10	Multimodal single-cell analysis of cutaneous T-cell lymphoma reveals distinct subclonal tissue-dependent signatures. Blood, 2021, 138, 1456-1464.	1.4	39
11	MicroRNA regulation of B cell receptor signaling. Immunological Reviews, 2021, 304, 111-125.	6.0	12
12	Staphylococcus aureus Induces Signal Transducer and Activator of Transcription 5â€™Dependent miR-155 Expression in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2021, 141, 2449-2458.	0.7	15
13	Functional lower airways genomic profiling of the microbiome to capture active microbial metabolism. European Respiratory Journal, 2021, 58, 2003434.	6.7	34
14	A Transgenic Murine Model Expressing Hyperactive STAT3 Recapitulates the Features of MDS/AML. Blood, 2021, 138, 3308-3308.	1.4	0
15	Oncogenic fusions JAK up CD8+ cytotoxic CTCL. Blood, 2021, 138, 2311-2312.	1.4	1
16	Robust immune responses are observed after one dose of BNT162b2 mRNA vaccine dose in SARS-CoV-2 experienced individuals. Science Translational Medicine, 2021, , eabi8961.	12.4	22
17	Low SATB1 Expression Promotes IL-5 and IL-9 Expression in SÃ©zary Syndrome. Journal of Investigative Dermatology, 2020, 140, 713-716.	0.7	5
18	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. Gut, 2020, 69, 1269-1282.	12.1	181

#	Article	IF	Citations
19	Activation of Oxidative Stress Response in Cancer Generates a Druggable Dependency on Exogenous Non-essential Amino Acids. Cell Metabolism, 2020, 31, 339-350.e4.	16.2	103
20	Evidence for Environmentalâ€“Human Microbiota Transfer at a Manufacturing Facility with Novel Work-related Respiratory Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1678-1688.	5.6	16
21	miR-29 Sustains B Cell Survival and Controls Terminal Differentiation via Regulation of PI3K Signaling. Cell Reports, 2020, 33, 108436.	6.4	18
22	Targeting leukocidin-mediated immune evasion protects mice from Staphylococcus aureus bacteremia. Journal of Experimental Medicine, 2020, 217, .	8.5	19
23	Staphylococcus aureus alpha-toxin inhibits CD8 ⁺ T cell-mediated killing of cancer cells in cutaneous T-cell lymphoma. OncoImmunology, 2020, 9, 1751561.	4.6	24
24	MicroRNAs in the Pathogenesis, Diagnosis, Prognosis and Targeted Treatment of Cutaneous T-Cell Lymphomas. Cancers, 2020, 12, 1229.	3.7	28
25	Mitochondrial Oxidative Phosphorylation Regulates the Fate Decision between Pathogenic Th17 and Regulatory T Cells. Cell Reports, 2020, 30, 1898-1909.e4.	6.4	103
26	Exploiting species specificity to understand the tropism of a human-specific toxin. Science Advances, 2020, 6, eaax7515.	10.3	21
27	B-1a cells acquire their unique characteristics by bypassing the pre-BCR selection stage. Nature Communications, 2019, 10, 4768.	12.8	49
28	STAT3 Dysregulation in Mature T and NK Cell Lymphomas. Cancers, 2019, 11, 1711.	3.7	23
29	Staphylococcal alpha-toxin tilts the balance between malignant and non-malignant CD4⁺ T cells in cutaneous T-cell lymphoma. OncoImmunology, 2019, 8, e1641387.	4.6	32
30	Multiplexed detection of proteins, transcriptomes, clonotypes and CRISPR perturbations in single cells. Nature Methods, 2019, 16, 409-412.	19.0	364
31	Distinct Requirements of CHD4 during B Cell Development and Antibody Response. Cell Reports, 2019, 27, 1472-1486.e5.	6.4	11
32	Staphylococcus aureus Leukocidins Target Endothelial DARC to Cause Lethality in Mice. Cell Host and Microbe, 2019, 25, 463-470.e9.	11.0	26
33	Calcium Signaling Controls Pathogenic Th17 Cell-Mediated Inflammation by Regulating Mitochondrial Function. Cell Metabolism, 2019, 29, 1104-1118.e6.	16.2	94
34	Impaired Expression of Rearranged Immunoglobulin Genes and Premature p53 Activation Block B Cell Development in BMI1 Null Mice. Cell Reports, 2019, 26, 108-118.e4.	6.4	10
35	Skin Associated Staphylococcus Aureus Contributes to Disease Progression in CTCL. Blood, 2019, 134, 659-659.	1.4	5
36	Augmented Th17 Differentiation Leads to Cutaneous and Synovioâ€Entheseal Inflammation in a Novel Model of Psoriatic Arthritis. Arthritis and Rheumatology, 2018, 70, 855-867.	5.6	29

#	Article	IF	Citations
37	Role of Dysregulated Cytokine Signaling and Bacterial Triggers in the Pathogenesis ofÂCutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2018, 138, 1116-1125.	0.7	68
38	Microbiotaâ€Ðependent Involvement of Th17 Cells in Murine Models of Inflammatory Arthritis. Arthritis and Rheumatology, 2018, 70, 1971-1983.	5.6	37
39	SATB1 in Malignant T Cells. Journal of Investigative Dermatology, 2018, 138, 1805-1815.	0.7	38
40	B Cell Defects Observed in Nod2 Knockout Mice Are a Consequence of a Dock2 Mutation Frequently Found in Inbred Strains. Journal of Immunology, 2018, 201, 1442-1451.	0.8	13
41	miRNAs in B Cell Development and Lymphomagenesis. Trends in Molecular Medicine, 2017, 23, 721-736.	6.7	32
42	The Xenobiotic Transporter Mdr1 Enforces T Cell Homeostasis in the Presence of Intestinal Bile Acids. Immunity, 2017, 47, 1182-1196.e10.	14.3	73
43	Staphylococcal enterotoxin A (SEA) stimulates STAT3 activation and IL-17 expression in cutaneous T-cell lymphoma. Blood, 2016, 127, 1287-1296.	1.4	86
44	miRNAs Are Essential for the Regulation of the PI3K/AKT/FOXO Pathway and Receptor Editing during BÂCell Maturation. Cell Reports, 2016, 17, 2271-2285.	6.4	34
45	Enrichment of the lung microbiome with oral taxa is associated with lung inflammation of a Th17 phenotype. Nature Microbiology, 2016, 1, 16031.	13.3	436
46	The Expression of IL-21 Is Promoted by MEKK4 in Malignant T Cells and Associated with Increased Progression Risk in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 2016, 136, 866-869.	0.7	4
47	IL35-Producing B Cells Promote the Development of Pancreatic Neoplasia. Cancer Discovery, 2016, 6, 247-255.	9.4	283
48	STAT5 induces miR-21 expression in cutaneous T cell lymphoma. Oncotarget, 2016, 7, 45730-45744.	1.8	45
49	V _H replacement in primary immunoglobulin repertoire diversification. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E458-66.	7.1	19
50	Simultaneous deletion of the methylcytosine oxidases Tet1 and Tet3 increases transcriptome variability in early embryogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4236-45.	7.1	87
51	Limited miR-17-92 overexpression drives hematologic malignancies. Leukemia Research, 2015, 39, 335-341.	0.8	19
52	An Oncogenic Role for Alternative NF-ÎºB Signaling in DLBCL Revealed upon Deregulated BCL6 Expression. Cell Reports, 2015, 11, 715-726.	6.4	66
53	STAT3 Activation in Th17 and Th22 Cells Controls IL-22â€“Mediated Epithelial Host Defense during Infectious Colitis. Journal of Immunology, 2014, 193, 3779-3791.	0.8	71
54	Staphylococcal enterotoxins stimulate lymphoma-associated immune dysregulation. Blood, 2014, 124, 761-770.	1.4	59

#	Article	IF	Citations
55	Bacterial Toxins Fuel Disease Progression in Cutaneous T-Cell Lymphoma. Toxins, 2013, 5, 1402-1421.	3.4	66
56	Elucidating the role of interleukin-17F in cutaneous T-cell lymphoma. Blood, 2013, 122, 943-950.	1.4	78
57	STAT3 Serine Phosphorylation and HDAC Inhibition In CTCL. Blood, 2013, 122, 3755-3755.	1.4	1
58	Role of STAT3 and Th17 Cells in Cutaneous T Cell Lymphoma. Blood, 2012, 120, 66-66.	1.4	1
59	Hyperactivable NFAT1 Ameliorates Autoimmune Encephalitis In Vivo.. Blood, 2009, 114, 711-711.	1.4	0
60	Dicer Ablation Affects Antibody Diversity and Cell Survival in the B Lymphocyte Lineage. Cell, 2008, 132, 860-874.	28.9	547
61	Antibody Repertoires Generated by VH Replacement and Direct VH to JH Joining. Immunity, 2006, 25, 43-53.	14.3	54
62	Direct in vivo VH to JH rearrangement violating the 12/23 rule. Journal of Experimental Medicine, 2005, 201, 341-348.	8.5	31