Benjamin Sredni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8424451/publications.pdf

Version: 2024-02-01

80 papers	3,046 citations	136950 32 h-index	175258 52 g-index
83 all docs	83 docs citations	83 times ranked	3087 citing authors

#	Article	IF	Citations
1	Tellurium compound provides pro-apoptotic signaling in drug resistant multiple myeloma. Leukemia and Lymphoma, 2021, 62, 1146-1156.	1.3	2
2	Specific Susceptibility to COVID-19 in Adults with Down Syndrome. NeuroMolecular Medicine, 2021, 23, 561-571.	3.4	30
3	Immune Dysregulation and the Increased Risk of Complications and Mortality Following Respiratory Tract Infections in Adults With Down Syndrome. Frontiers in Immunology, 2021, 12, 621440.	4.8	26
4	A Tellurium-Based Small Immunomodulatory Molecule Ameliorates Depression-Like Behavior in Two Distinct Rat Models. NeuroMolecular Medicine, 2020, 22, 437-446.	3.4	1
5	Tellurium Compounds Prevent and Reverse Type-1 Diabetes in NOD Mice by Modulating Î±4Î²7 Integrin Activity, IL-1Î², and T Regulatory Cells. Frontiers in Immunology, 2019, 10, 979.	4.8	11
6	AS101 ameliorates experimental autoimmune uveitis by regulating Th1 and Th17 responses and inducing Treg cells. Journal of Autoimmunity, 2019, 100, 52-61.	6.5	26
7	AS101-Loaded PLGAâ€“PEG Nanoparticles for Autoimmune Regulation and Chemosensitization. ACS Applied Bio Materials, 2019, 2, 2246-2251.	4.6	3
8	The immunomodulatory tellurium compound ammonium trichloro (dioxoethylene-O,Oâ€²) tellurate reduces anxiety-like behavior and corticosterone levels of submissive mice. Behavioural Pharmacology, 2017, 28, 458-465.	1.7	8
9	The Small Tellurium Compound AS101 Ameliorates Rat Crescentic Glomerulonephritis: Association with Inhibition of Macrophage Caspase-1 Activity via Very Late Antigen-4 Inactivation. Frontiers in Immunology, 2017, 8, 240.	4.8	9
10	The Anticancer Activity of Organotelluranes: Potential Role in Integrin Inactivation. ChemBioChem, 2016, 17, 918-927.	2.6	24
11	Ligand-Substitution Reactions of the Tellurium Compound AS-101 in Physiological Aqueous and Alcoholic Solutions. Inorganic Chemistry, 2016, 55, 10847-10850.	4.0	9
12	The small tellurium-based compound SAS suppresses inflammation in human retinal pigment epithelium. Molecular Vision, 2016, 22, 548-62.	1.1	12
13	MicroRNA-486-5p is an erythroid oncomiR of the myeloid leukemias of Down syndrome. Blood, 2015, 125, 1292-1301.	1.4	66
14	Sensitizing B- and T- cell Lymphoma Cells to Paclitaxel/Abraxaneâ€“Induced Death by AS101 via Inhibition of the VLA-4â€“IL10â€“Survivin Axis. Molecular Cancer Research, 2015, 13, 411-422.	3.4	20
15	Multifunctional Activity of a Small Tellurium Redox Immunomodulator Compound, AS101, on Dextran Sodium Sulfate-induced Murine Colitis. Journal of Biological Chemistry, 2014, 289, 17215-17227.	3.4	30
16	Tellurium Compound AS101 Ameliorates Experimental Autoimmune Encephalomyelitis by VLA-4 Inhibition and Suppression of Monocyte and T Cell Infiltration into the CNS. NeuroMolecular Medicine, 2014, 16, 292-307.	3.4	12
17	Antibacterial effects of the tellurium compound OTD on E. coli isolates. Archives of Microbiology, 2014, 196, 51-61.	2.2	4
18	The effect of the novel tellurium compound AS101 on autoimmune diseases. Autoimmunity Reviews, 2014, 13, 1230-1235.	5.8	57

#	Article	IF	Citations
19	Redox Modulation of Adjacent Thiols in VLA-4 by AS101 Converts Myeloid Leukemia Cells from a Drug-Resistant to Drug-Sensitive State. Cancer Research, 2014, 74, 3092-3103.	0.9	55
20	The immunomodulator AS101 suppresses production of inflammatory cytokines and ameliorates the pathogenesis of experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2014, 273, 31-41.	2.3	10
21	AS101 Prevents Diabetic Nephropathy Progression and Mesangial Cell Dysfunction: Regulation of the AKT Downstream Pathway. PLoS ONE, 2014, 9, e114287.	2.5	18
22	Cyclophosphamide Triggers Follicle Activation and â€œBurnoutâ€ AS101 Prevents Follicle Loss and Preserves Fertility. Science Translational Medicine, 2013, 5, 185ra62.	12.4	376
23	Multiple signal transduction pathways are involved in G₂/M growth arrest and apoptosis induced by the immunomodulator AS101 in multiple myeloma. Leukemia and Lymphoma, 2013, 54, 160-166.	1.3	7
24	The tellurium redox immunomodulating compound AS101 inhibits IL-1Î²-activated inflammation in the human retinal pigment epithelium. British Journal of Ophthalmology, 2013, 97, 934-938.	3.9	15
25	Bactericidal activity of the organo-tellurium compound AS101 against Enterobacter cloacae. Journal of Antimicrobial Chemotherapy, 2012, 67, 2165-2172.	3.0	24
26	Ribonuclease activity of p53 in cytoplasm in response to various stress signals. Cell Cycle, 2012, 11, 1400-1413.	2.6	6
27	A Peptide of CD14 Protects Human Lymphocytes from Gliotoxin-Induced Apoptosis. International Journal of Peptide Research and Therapeutics, 2012, 18, 249-258.	1.9	2
28	The immune-modulator AS101 reduces anti-HLA antibodies in sera of sensitized patients: A structural approach. International Immunopharmacology, 2012, 13, 483-489.	3.8	4
29	Immunomodulating tellurium compounds as anti-cancer agents. Seminars in Cancer Biology, 2012, 22, 60-69.	9.6	90
30	The Tellurium compound, AS101, increases SIRT1 level and activity and prevents type 2 diabetes. Aging, 2012, 4, 436-447.	3.1	34
31	Individualized Immune Monitoring of Cardiac Transplant Recipients by Noninvasive Longitudinal Cellular Immunity Tests. Transplantation, 2010, 89, 968-976.	1.0	41
32	The anti-inflammatory effects of the tellurium redox modulating compound, AS101, are associated with regulation of NFÎºB signaling pathway and nitric oxide induction in macrophages. Journal of Inflammation, 2010, 7, 3.	3.4	52
33	The cyclin kinase inhibitor p57kip2 regulates TGF-Â-induced compensatory tubular hypertrophy: effect of the immunomodulator AS101. Nephrology Dialysis Transplantation, 2009, 24, 2328-2338.	0.7	15
34	Induction therapy in a multiple myeloma mouse model using a combination of AS101 and melphalan, and the activity of AS101 in a tumor microenvironment model. Experimental Hematology, 2009, 37, 593-603.	0.4	12
35	A potential antimicrobial treatment against ESBL-producing Klebsiella pneumoniae using the tellurium compound AS101. Archives of Microbiology, 2009, 191, 631-638.	2.2	17
36	Resolution of inflammation-related apoptotic processes by the synthetic tellurium compound, AS101 following liver injury. Journal of Hepatology, 2009, 51, 491-503.	3.7	35

#	Article	IF	Citations
37	ImmuKnow: A new parameter in immune monitoring of pediatric liver transplantation recipients. Liver Transplantation, 2008, 14, 893-898.	2.4	51
38	Multifunctional tellurium molecule protects and restores dopaminergic neurons in Parkinson's disease models. FASEB Journal, 2007, 21, 1870-1883.	0.5	66
39	Preceeding the rejection: In search for a comprehensive post-transplant immune monitoring platform. Transplant Immunology, 2007, 18, 7-12.	1.2	45
40	The Synthetic Tellurium Compound, AS101, Is a Novel Inhibitor of IL-1Î²Converting Enzyme. Journal of Interferon and Cytokine Research, 2007, 27, 453-462.	1.2	31
41	Octaâ€‹Oâ€‹bisâ€‹(R,R)â€‹Tartarate Ditellurane (SAS)â€”a Novel Bioactive Organotellurium(IV) Compound: Synthesis, Characterization, and Protease Inhibitory Activity. ChemMedChem, 2007, 2, 1601-1606.	3.2	36
42	Characterization and activity of sonochemically-prepared BSA microspheres containing Taxol â€“ An anticancer drug. Ultrasonics Sonochemistry, 2007, 14, 661-666.	8.2	52
43	The organotellurium compound ammonium trichloro(dioxoethylene-0,0') tellurate enhances neuronal survival and improves functional outcome in an ischemic stroke model in mice. Journal of Neurochemistry, 2007, 102, 1232-1241.	3.9	61
44	The organotellurium compound ammonium trichloro(dioxoethylene-o,oâ€²)tellurate reacts with homocysteine to form homocystine and decreases homocysteine levels in hyperhomocysteinemic mice. FEBS Journal, 2007, 274, 3159-3170.	4.7	18
45	Neutral and positively charged thiols synergize the effect of the immunomodulator AS101 as a growth inhibitor of Jurkat cells, by increasing its uptake. Biochemical Pharmacology, 2007, 74, 712-722.	4.4	14
46	Novel Involvement of the Immunomodulator AS101 in IL-10 Signaling, via the Tyrosine Kinase Fer. Annals of the New York Academy of Sciences, 2007, 1095, 240-250.	3.8	7
47	Upregulation of carp GDNF mRNA by the immunomodulator AS101. Developmental and Comparative Immunology, 2006, 30, 441-446.	2.3	12
48	Experimental handling stress as infection-facilitating factor for the goldfish ulcerative disease. Veterinary Immunology and Immunopathology, 2006, 109, 279-287.	1.2	42
49	The immunomodulator AS101 induces growth arrest and apoptosis in Multiple Myeloma: Association with the Akt/Survivin pathway. Biochemical Pharmacology, 2006, 72, 1423-1431.	4.4	38
50	Mesangial cells initiate compensatory renal tubular hypertrophy via IL-10-induced TGF-Î² secretion: effect of the immunomodulator AS101 on this process. American Journal of Physiology - Renal Physiology, 2006, 291, F384-F394.	2.7	35
51	Hair growth induction by the tellurium immunomodulator AS101: association with delayed terminal differentiation of follicular keratinocytes and rasâ€‹dependent upâ€‹regulation of KGF expression. FASEB Journal, 2004, 18, 1-30.	0.5	49
52	Ammonium Trichloro(dioxoethylene-o,oâ€²)tellurate (AS101) Sensitizes Tumors to Chemotherapy by Inhibiting the Tumor Interleukin 10 Autocrine Loop. Cancer Research, 2004, 64, 1843-1852.	0.9	96
53	Inhibition of Interleukin-10 by the Immunomodulator AS101 Reduces Mesangial Cell Proliferation in Experimental Mesangioproliferative Glomerulonephritis. Journal of Biological Chemistry, 2004, 279, 24724-24732.	3.4	39
54	Cyclosporin A-induced hair growth in mice is associated with inhibition of hair follicle regression. Archives of Dermatological Research, 2004, 296, 265-269.	1.9	9

#	Article	IF	Citations
55	Production of the Novel Mesangial Autocrine Growth Factors GDNF and IL-10 Is Regulated by the Immunomodulator AS101. Journal of the American Society of Nephrology: JASN, 2003, 14, 620-630.	6.1	34
56	Cyclosporin A-induced hair growth in mice is associated with inhibition of calcineurin-dependent activation of NFAT in follicular keratinocytes. American Journal of Physiology - Cell Physiology, 2003, 284, C1593-C1603.	4.6	62
57	Anti-IL-10 Therapeutic Strategy Using the Immunomodulator AS101 in Protecting Mice from Sepsis-Induced Death: Dependence on Timing of Immunomodulating Intervention. Journal of Immunology, 2002, 169, 384-392.	0.8	119
58	Double-stranded RNA-dependent protein kinase, PKR, down-regulates CDC2/cyclin B1 and induces apoptosis in non-transformed but not in v-mos transformed cells. Oncogene, 2001, 20, 8045-8056.	5.9	24
59	Synergistic anti-tumoral effect of paclitaxel (taxol)+AS101 in a murine model of B16 melanoma: Association with ras-dependent signal-transduction pathways. , 2000, 86, 281-288.		43
60	The Immunomodulator AS101 Restores TH1Type of Response Suppressed byBabesia rodhainiin BALB/c Mice. Cellular Immunology, 1998, 184, 12-25.	3.0	25
61	Tellurium Compounds:Â Selective Inhibition of Cysteine Proteases and Model Reaction with Thiols. Inorganic Chemistry, 1998, 37, 1704-1712.	4.0	101
62	Suppressed cell-mediated immunity and monocyte and natural killer cell activity following allogeneic immunization of women with spontaneous recurrent abortion. Journal of Clinical Immunology, 1997, 17, 408-419.	3.8	35
63	Blood Transfusion Enhances Production of T-Helper-2 Cytokines and Transforming Growth Factor Î² in Humans. Clinical Science, 1996, 91, 519-523.	4.3	36
64	The protective role of the immunomodulator AS101 against chemotherapy-induced alopecia studies on human and animal models. , 1996, 65, 97-103.		74
65	Photofrin II induces cytokine secretion by mouse spleen cells and human peripheral mononuclear cells. Immunopharmacology, 1996, 31, 195-204.	2.0	19
66	Anemia of uremia is associated with reduced in vitro cytokine secretion: Immunopotentiating activity of red blood cells. Kidney International, 1994, 45, 224-231.	5.2	27
67	Ocular inflammation stimulated by the immunomodulator AS101 [ammonium trichloro(dioxyethelene-O-O') tellurate]. Current Eye Research, 1994, 13, 603-610.	1.5	2
68	Enhancing Effects of Autologous Erythrocytes on Human or Mouse Cytokine Secretion and IL-2R Expression. Cellular Immunology, 1993, 148, 114-129.	3.0	33
69	Inhibition of the Reverse Transcriptase Activity and Replication of Human Immunodeficiency Virus Type 1 by AS 101 In Vitro. AIDS Research and Human Retroviruses, 1992, 8, 613-623.	1.1	18
70	Induction of a subpopulation of suppressor cells by a single blood transfusion. Kidney International, 1992, 41, 143-148.	5.2	60
71	Toxicity study in rats of a tellurium based immunomodulating drug, AS-101: A potential drug for AIDS and cancer patients. Archives of Toxicology, 1989, 63, 386-393.	4.2	29
72	Methods for long term growth and cloning of T cells reactive with soluble antigens. Journal of Immunological Methods, 1982, 49, R1-R10.	1.4	4

#	Article	IF	Citations
73	LONG TERM GROWTH OF B-LYMPHOCYTES. Annals of the New York Academy of Sciences, 1982, 399, 105-111.	3.8	0
74	Alloreactivity of Antigen-Specific T Cell Clones. , 1982, , 375-384.		11
75	Human T Cell Clones Reactive with Soluble Antigens: Methodology, Specificity, and MHC Restriction. , 1982, , 439-447.		1
76	Antigen-Specific, Proliferating T Lymphocyte Clones. Methodology, Specificity, MHC Restriction and Alloreactivity. Immunological Reviews, 1981, 54, 187-223.	6.0	82
77	Long-term growth and cloning of non-transformed lymphocytes. Nature, 1981, 294, 697-699.	27.8	55
78	Direct cloning and extended culture of antigen-specific MHC-restricted, proliferating T lymphocytes. Nature, 1980, 283, 581-583.	27.8	116
79	Alloreactivity of an antigen-specific T-cell clone. Nature, 1980, 287, 855-857.	27.8	148
80	Regulatory effects of macrophage-secreted factors on T-lymphocyte colony growth. Cellular Immunology, 1978, 36, 15-27.	3.0	18