Stanley A Schwartz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Flavonoid Quercetin Inhibits Proinflammatory Cytokine (Tumor Necrosis Factor Alpha) Gene Expression in Normal Peripheral Blood Mononuclear Cells via Modulation of the NF-κβ System. Vaccine Journal, 2006, 13, 319-328.	3.1	320
2	Nanotechnology approach for drug addiction therapy: Gene silencing using delivery of gold nanorod-siRNA nanoplex in dopaminergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5546-5550.	7.1	199
3	Purification and Characterization of Colicin E1. Journal of Biological Chemistry, 1971, 246, 6318-6327.	3.4	150
4	The flavonoid, quercetin, differentially regulates Th-1 (IFNγ) and Th-2 (IL4) cytokine gene expression by normal peripheral blood mononuclear cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1593, 29-36.	4.1	142
5	Gene Expression of Angiogenic Factors Correlates with Metastatic Potential of Prostate Cancer Cells. Cancer Research, 2004, 64, 5311-5321.	0.9	139
6	Inhibition of Prostate Cancer Cell Colony Formation by the Flavonoid Quercetin Correlates with Modulation of Specific Regulatory Genes. Vaccine Journal, 2004, 11, 63-69.	2.6	134
7	The dietary bioflavonoid, quercetin, selectively induces apoptosis of prostate cancer cells by downâ€regulating the expression of heat shock protein 90. Prostate, 2008, 68, 1773-1789.	2.3	121
8	Anti-HIV-1 nanotherapeutics: promises and challenges for the future. International Journal of Nanomedicine, 2012, 7, 5301.	6.7	118
9	Methamphetamine alters blood brain barrier permeability via the modulation of tight junction expression: Implication for HIV-1 neuropathogenesis in the context of drug abuse. Brain Research, 2008, 1203, 133-148.	2.2	117
10	MMP-9 gene silencing by a quantum dot–siRNA nanoplex delivery to maintain the integrity of the blood brain barrier. Brain Research, 2009, 1282, 142-155.	2.2	108
11	Morphine Regulates Gene Expression of α- and β-Chemokines and Their Receptors on Astroglial Cells Via the Opioid μ Receptor. Journal of Immunology, 2002, 169, 3589-3599.	0.8	105
12	Bioconjugated Quantum Rods as Targeted Probes for Efficient Transmigration Across an in Vitro Bloodâ 'Brain Barrier. Bioconjugate Chemistry, 2008, 19, 1179-1185.	3.6	103
13	Biodegradable cationic polymeric nanocapsules for overcoming multidrug resistance and enabling drug–gene co-delivery to cancer cells. Nanoscale, 2014, 6, 1567-1572.	5.6	101
14	Tight Junction Regulation by Morphine and HIV-1 Tat Modulates Blood–Brain Barrier Permeability. Journal of Clinical Immunology, 2008, 28, 528-541.	3.8	94
15	Enhancing the Delivery of Anti Retroviral Drug "Saquinavir" Across the Blood Brain Barrier Using Nanoparticles. Current HIV Research, 2010, 8, 396-404.	0.5	92
16	Morphine modulates chemokine gene regulation in normal human astrocytes. Clinical Immunology, 2005, 115, 323-332.	3.2	82
17	Successful treatment of 3 patients with recurrent idiopathic angioedema with omalizumab. Journal of Allergy and Clinical Immunology, 2007, 120, 979-981.	2.9	81
18	Natural killer cell activity in depressive illness: preliminary report. Biological Psychiatry, 1989, 26, 753-756.	1.3	72

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19	Overexpression of MMP-9 Contributes to Invasiveness of Prostate Cancer Cell Line LNCaP. Immunological Investigations, 2011, 40, 447-464.	2.0	72
20	Wellâ€Defined Degradable Cationic Polylactide as Nanocarrier for the Delivery of siRNA to Silence Angiogenesis in Prostate Cancer. Advanced Healthcare Materials, 2012, 1, 751-761.	7.6	72
21	Neuroprotective effects of a biodegradable poly(lactic-co-glycolic acid)-ginsenoside Rg3 nanoformulation: a potential nanotherapy for Alzheimer's disease?. Journal of Drug Targeting, 2018, 26, 182-193.	4.4	62
22	Human Immunodeficiency Virus-Type 1 LTR DNA contains an intrinsic gene producing antisense RNA and protein products. Retrovirology, 2006, 3, 80.	2.0	61
23	Effects of alcohol and nicotine on cytotoxic functions of human lymphocytes. Clinical Immunology and Immunopathology, 1990, 54, 395-409.	2.0	60
24	Proteomic analysis of the effects of cocaine on the enhancement of HIV-1 replication in normal human astrocytes (NHA). Brain Research, 2006, 1123, 226-236.	2.2	59
25	Cocaine Modulates Dendritic Cell-Specific C Type Intercellular Adhesion Molecule-3-Grabbing Nonintegrin Expression by Dendritic Cells in HIV-1 Patients. Journal of Immunology, 2005, 174, 6617-6626.	0.8	57
26	Morphine Exacerbates HIV-1 Viral Protein gp120 Induced Modulation of Chemokine Gene Expression in U373 Astrocytoma Cells. Current HIV Research, 2005, 3, 277-288.	0.5	56
27	C5a alters blood–brain barrier integrity in a human <i>inÂvitro</i> model of systemic lupus erythematosus. Immunology, 2015, 146, 130-143.	4.4	56
28	Subpopulations of human T lymphocytes. Cellular Immunology, 1979, 44, 242-251.	3.0	54
29	Cocaine Differentially Modulates Chemokine Production by Mononuclear Cells from Normal Donors and Human Immunodeficiency Virus Type 1-Infected Patients. Vaccine Journal, 2000, 7, 96-100.	2.6	54
30	Nanoparticle-Mediated Targeted Delivery of Antiretrovirals to the Brain. Methods in Enzymology, 2012, 509, 41-60.	1.0	53
31	Genomic Analysis Highlights the Role of the JAK-STAT Signaling in the Anti-Proliferative Effects of Dietary Flavonoid—â€~Ashwagandha' in Prostate Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2010, 7, 177-187.	1.2	51
32	Immunomodulatory activities of curcumin-stabilized silver nanoparticles: Efficacy as an antiretroviral therapeutic. Immunological Investigations, 2017, 46, 833-846.	2.0	48
33	Decreased natural and antibody-dependent cellular cytotoxic activities in intravenous drug abusers. Clinical Immunology and Immunopathology, 1986, 38, 68-78.	2.0	47
34	Effect of histamine and histamine antagonists on natural and antibody-dependent cellular cytotoxicity of human lymphocytes in vitro. Cellular Immunology, 1983, 81, 45-60.	3.0	46
35	Association of decreased T-cell-mediated natural cytotoxicity and interferon production in Down's Syndrome. Clinical Immunology and Immunopathology, 1984, 33, 412-424.	2.0	45
36	Methamphetamine Modulates Gene Expression Patterns in Monocyte Derived Mature Dendritic Cells. Molecular Diagnosis and Therapy, 2006, 10, 257-269.	3.8	45

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37	Association of decreased natural and antibody-dependent cellular cytotoxicity and production of natural killer cytotoxic factor and interferon in neonates. Cellular Immunology, 1985, 94, 159-171.	3.0	44
38	Proteomic analyses of methamphetamine (METH)-induced differential protein expression by immature dendritic cells (IDC). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 433-442.	2.3	44
39	Synthesis of Luminescent Near-Infrared AgInS ₂ Nanocrystals as Optical Probes for In Vivo Applications. Theranostics, 2013, 3, 109-115.	10.0	44
40	Grape seed extract proanthocyanidins downregulate HIV- 1 entry coreceptors, CCR2b, CCR3 and CCR5 gene expression by normal peripheral blood mononuclear cells. Biological Research, 2002, 35, 421-31.	3.4	42
41	Mitochondrial Dynamics in SARS-COV2 Spike Protein Treated Human Microglia: Implications for Neuro-COVID. Journal of NeuroImmune Pharmacology, 2021, 16, 770-784.	4.1	37
42	Prostate-Specific Antigen Modulates the Expression of Genes Involved in Prostate Tumor Growth. Neoplasia, 2005, 7, 241-252.	5.3	36
43	Nanoparticle Based Galectin-1 Gene Silencing, Implications in Methamphetamine Regulation of HIV-1 Infection in Monocyte Derived Macrophages. Journal of NeuroImmune Pharmacology, 2012, 7, 673-685.	4.1	36
44	C5a induces caspaseâ€dependent apoptosis in brain vascular endothelial cells in experimental lupus. Immunology, 2016, 148, 407-419.	4.4	35
45	Methamphetamine Induces Apoptosis of Microglia via the Intrinsic Mitochondrial-Dependent Pathway. Journal of NeuroImmune Pharmacology, 2018, 13, 396-411.	4.1	34
46	Age-dependent effects of zinc on the transformation response of human lymphocytes to mitogens. Cellular Immunology, 1979, 42, 270-278.	3.0	33
47	Suppression of natural killer (NK) cell activity of spleen cells by thymocytes. Cellular Immunology, 1981, 58, 9-18.	3.0	33
48	Suppression of Tumor Necrosis Factor Production by Alcohol in Lipopolysaccharide-Stimulated Culture. Alcoholism: Clinical and Experimental Research, 1994, 18, 602-607.	2.4	33
49	Tissue inhibitor of metalloproteinase-1 modulates allergic lung inflammation in murine asthma. Clinical Immunology, 2009, 130, 186-198.	3.2	33
50	Morphine and Galectin-1 Modulate HIV-1 Infection of Human Monocyte-Derived Macrophages. Journal of Immunology, 2012, 188, 3757-3765.	0.8	33
51	Galectin-1 suppresses methamphetamine induced neuroinflammation in human brain microvascular endothelial cells: Neuroprotective role in maintaining blood brain barrier integrity. Brain Research, 2015, 1624, 175-187.	2.2	32
52	Immunological assays for chemokine detection in in-vitro culture of CNS cells. Biological Procedures Online, 2003, 5, 90-102.	2.9	31
53	Drug abuse and neuropathogenesis of HIV infection: role of DC-SIGN and IDO. Journal of Neuroimmunology, 2004, 157, 56-60.	2.3	31
54	Modulation of the mitogenic response of lymphocytes from young and aged individuals by prostaglandins and indomethacin. Cellular Immunology, 1979, 48, 155-165.	3.0	29

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55	Suppression of MMP-9 Expression in Brain Microvascular Endothelial Cells (BMVEC) Using a Gold Nanorod (GNR)-siRNA Nanoplex. Immunological Investigations, 2012, 41, 337-355.	2.0	27
56	Therapeutic Targeting of "DARPP-32â€: International Review of Neurobiology, 2009, 88, 199-222.	2.0	25
57	Galectin-1 Reduces Neuroinflammation via Modulation of Nitric Oxide-Arginase Signaling in HIV-1 Transfected Microglia: a Gold Nanoparticle-Galectin-1 "Nanoplex―a Possible Neurotherapeutic?. Journal of NeuroImmune Pharmacology, 2017, 12, 133-151.	4.1	25
58	Nanotherapy silencing the interleukinâ€8 gene produces regression of prostate cancer by inhibition of angiogenesis. Immunology, 2016, 148, 387-406.	4.4	24
59	Multifunctional mesoporous curcumin encapsulated iron-phenanthroline nanocluster: A new Anti-HIV agent. Colloids and Surfaces B: Biointerfaces, 2019, 180, 289-297.	5.0	24
60	Immunoregulatory dysfunctions in type I diabetes: Natural and antibody-dependent cellular cytotoxic activities. Journal of Clinical Immunology, 1986, 6, 363-372.	3.8	23
61	Immunoregulation of natural and lymphokine-activated killer cells by selenium. Immunopharmacology, 1990, 19, 177-183.	2.0	23
62	Biotinylated probes in the electrophoretic mobility shift assay to examine specific dsDNA, ssDNA or RNA–protein interactions. Nucleic Acids Research, 1995, 23, 3792-3793.	14.5	23
63	Targeted Anti-IL-5 Therapies and Future Therapeutics for Hypereosinophilic Syndrome and Rare Eosinophilic Conditions. Clinical Reviews in Allergy and Immunology, 2020, 59, 231-247.	6.5	23
64	Selective effect of alcohol on cellular immune responses of lymphocytes from AIDS patients. Alcohol, 1994, 11, 85-90.	1.7	22
65	Genomic and proteomic analysis of the effects of cannabinoids on normal human astrocytes. Brain Research, 2008, 1191, 1-11.	2.2	22
66	Enhancement of human natural killer cells by interferon requires RNA and protein synthesis. Clinical Immunology and Immunopathology, 1982, 25, 374-385.	2.0	21
67	Role of chemokine and cytokine polymorphisms in the progression of HIV-1 disease. Biochemical and Biophysical Research Communications, 2010, 396, 348-352.	2.1	21
68	RNAi-directed inhibition of DC-SIGN by dendritic cells: Prospects for HIV-1 therapy. AAPS Journal, 2005, 7, E572-E578.	4.4	20
69	Proteomic profiling of the effect of prostateâ€specific antigen on prostate cancer cells. Prostate, 2008, 68, 1531-1545.	2.3	19
70	Effector cell mediated cytotoxicity measured by intracellular Granzyme B release in HIV infected subjects. Biological Procedures Online, 2003, 5, 182-188.	2.9	18
71	Gene Silencing of Human Neuronal Cells for Drug Addiction Therapy using Anisotropic Nanocrystals. Theranostics, 2012, 2, 695-704.	10.0	18
72	New serum biomarkers for prostate cancer diagnosis. Clinical Cancer Investigation Journal, 2014, 4, 72.	0.9	18

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73	United States National Trends in Mortality, Length of Stay (LOS) and Associated Costs of Cognitive Impairment in HIV Population from 2005 to 2014. AIDS and Behavior, 2018, 22, 3198-3208.	2.7	16
74	Two step procedure for purification of enzymatically active prostate-specific antigen from seminal plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 813, 113-120.	2.3	15
75	Proteomic Analyses of the Effects of Drugs of Abuse on Monocyte-Derived Mature Dendritic Cells. Immunological Investigations, 2009, 38, 526-550.	2.0	15
76	Immunoregulation of human natural killer cells (NK) by corticosteroids: Inhibitory effect of culture supernatants. Journal of Allergy and Clinical Immunology, 1988, 82, 1089-1097.	2.9	14
77	Potentiation of N-Methyl-D-Aspartate–Mediated Brain Injury by a Human Immunodeficiency Virus-1–Derived Peptide in Perinatal Rodents. Pediatric Research, 1993, 34, 192-198.	2.3	14
78	Nanotherapeutic Approach for Opiate Addiction Using DARPP-32 Gene Silencing in an Animal Model of Opiate Addiction. Journal of NeuroImmune Pharmacology, 2015, 10, 136-152.	4.1	14
79	Immunomodulatory effects of amphotericin-B on cellular cytotoxicity of normal human lymphocytes. Cellular Immunology, 1982, 70, 287-300.	3.0	13
80	Effect of Cocaine on Chemokine and CCR- 5 Gene Expression by Mononuclear Cells from Normal Donors and HIV-1 Infected Patients. , 2001, 493, 235-240.		13
81	A cannabidiol-loaded Mg-gallate metal–organic framework-based potential therapeutic for glioblastomas. Journal of Materials Chemistry B, 2021, 9, 2505-2514.	5.8	13
82	Impact of Lopinavir/Ritonavir and Efavirenz-Based Antiretroviral Therapy on the Lipid Profile of Chinese HIV/AIDS Treatment-Naìve Patients in Beijing: A Retrospective Study. Current HIV Research, 2019, 17, 324-334.	0.5	13
83	Neuroprotective role of galectin-1 in central nervous system pathophysiology. Neural Regeneration Research, 2016, 11, 896.	3.0	13
84	Modulation of the Proteome of Peripheral Blood Mononuclear Cells from HIV-1-Infected Patients by Drugs of Abuse. Journal of Clinical Immunology, 2009, 29, 646-656.	3.8	12
85	Methamphetamine and HIV-1 gp120 Effects on Lipopolysaccharide Stimulated Matrix Metalloproteinase-9 Production by Human Monocyte-Derived Macrophages. Immunological Investigations, 2011, 40, 481-497.	2.0	12
86	Transmitted Antiretroviral Drug Resistance in the Men Who Have Sex with Men HIV Patient Cohort, Beijing, China, 2008–2011. Viral Immunology, 2014, 27, 392-397.	1.3	12
87	Angioedema in African American Patients Hospitalized for COVID-19. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1581-1584.	5.6	11
88	Zinc modulates mitogenic responses of human lymphocytes by affecting structures influenced by cytochalasin B. Clinical Immunology and Immunopathology, 1980, 16, 463-473.	2.0	10
89	Activation of Human Natural Killer Cells by Herpes Simplex Virus Type 1-Infected Cells. Intervirology, 1987, 28, 78-88.	2.8	10
90	Deficiency of inducible suppressor cell activity in the Chediak-Higashi syndrome. American Journal of Hematology, 1987, 26, 55-66.	4.1	10

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91	Role of Galectinâ€3 in the pathophysiology underlying allergic lung inflammation in a tissue inhibitor of metalloproteinases 1 knockout model of murine asthma. Immunology, 2018, 153, 387-396.	4.4	10
92	Nanotherapeutics Using an HIV-1 Poly A and Transactivator of the HIV-1 LTR-(TAR-) Specific siRNA. Pathology Research International, 2011, 2011, 1-9.	1.4	9
93	Enzymatic activity of freeâ€prostateâ€specific antigen (fâ€PSA) is not required for some of its physiological activities. Prostate, 2011, 71, 1680-1690.	2.3	9
94	Single nucleotide polymorphisms (SNPs) in key cytokines may modulate food allergy phenotypes. European Food Research and Technology, 2012, 235, 971-980.	3.3	9
95	Quantum rods as nanocarriers of gene therapy. Drug Delivery, 2012, 19, 220-231.	5.7	9
96	Immunomodulatory Role of Complement Proteins in the Neuropathology Associated with Opiate Abuse and HIV-1 Co-Morbidity. Immunological Investigations, 2017, 46, 816-832.	2.0	9
97	Comparison of the cellular cytotoxic activities of colostral lymphocytes and maternal peripheral blood lymphocytes. Journal of Reproductive Immunology, 1985, 7, 199-213.	1.9	8
98	Photopheresis in HIV-1 Infected Patients Utilizing Benzoporphyrin Derivative (BPD) Verteporfin and Light. Current HIV Research, 2008, 6, 152-163.	0.5	8
99	A Multimodal Theranostic Nanoformulation That Dramatically Enhances Docetaxel Efficacy Against Castration Resistant Prostate Cancer. Journal of Pharmaceutical Sciences, 2020, 109, 2874-2883.	3.3	8
100	New Insights into the Disease Progression Control Mechanisms by Comparing Long-Term-Nonprogressors versus Normal-Progressors among HIV-1-Positive Patients Using an Ion Current-Based MS1 Proteomic Profiling. Journal of Proteome Research, 2015, 14, 5225-5239.	3.7	7
101	Use of Glycoproteins—Prostate-Specific Membrane Antigen and Galectin-3 as Primary Tumor Markers and Therapeutic Targets in the Management of Metastatic Prostate Cancer. Cancers, 2022, 14, 2704.	3.7	7
102	Reversal of Human Immunodeficiency Virus Type 1 Protein-Induced Inhibition of Natural Killer Cell Activity by Alpha Interferon and Interleukin-2. Vaccine Journal, 2000, 7, 101-105.	2.6	6
103	Grape Seed Extract Activates Th1 Cells In Vitro. Vaccine Journal, 2002, 9, 470-476.	3.1	6
104	In Vitro and Animal Models of Human Immunodeficiency Virus Infection of the Central Nervous System. Vaccine Journal, 2002, 9, 515-524.	3.1	6
105	Prostate-Specific Antigen Modulates the Expression of Genes Involved in Prostate Tumor Growth. Neoplasia, 2005, 7, 544.	5.3	6
106	Selective inhibition by alcohol and cortisol of natural killer cell activity of lymphocytes from cord blood. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1994, 18, 1293-1305.	4.8	5
107	Anti-angiogenic activity of PSA-derived peptides. Prostate, 2015, 75, 1285-1299.	2.3	5
108	Effect of Dolutegravir and Sertraline on the Blood Brain Barrier (BBB). Journal of NeuroImmune Pharmacology, 2020, 15, 7-9.	4.1	5

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109	Clinical use of immune serum globulin as replacement therapy in patients with primary immunodeficiency syndromes. Clinical Reviews in Allergy, 1992, 10, .	1.0	5
110	IL-17 Is a Key Regulator of Mucin-Galectin-3 Interactions in Asthma. International Journal of Cell Biology, 2021, 2021, 1-11.	2.5	4
111	Cardiac Morbidity in an HIV-1 Lipodystrophy Patient Cohort Expressing the TNF-α-238 G/A Single Nucleotide Gene Polymorphism. Current HIV Research, 2015, 13, 98-108.	0.5	4
112	Immunoregulation of lymphokine-activated killer cells. Clinical Immunology and Immunopathology, 1988, 49, 28-40.	2.0	3
113	In-vitro studies of curcumin encapsulated mesoporous Fe-Phenanthroline nanocluster for reduction of amyloid β plaque. Journal of Drug Delivery Science and Technology, 2019, 54, 101314.	3.0	3
114	Biological Activities of HIV-Specific Peptides. , 1996, , 161-179.		3
115	CHARACTERIZATION OF SOLUBLE SUPPRESSOR FACTORS PRODUCED BY UNSTIMULATED NORMAL HUMAN LYMPHOCYTES11Aided by National Institutes of Health Grants CA35922 and Al19890; and by the Children's Leukemia Foundation of Michigan and the Michigan Diabetes Research and Training Center, Ann Arbor, 1985., 453-464.		2
116	Modulation of a human immunosuppressive lymphokine by monosaccharides. Cellular Immunology, 1991, 136, 29-40.	3.0	1
117	Nanotherapeutic Approach to Targeting HIV-1 in the CNS. , 2015, , 251-268.		1
118	Impact of Lung Flute Therapy on Asthma: A Pilot Study. Journal of Allergy and Clinical Immunology, 2017, 139, AB97.	2.9	1
119	Immunopathogenesis of HIV Infection. Advances in Experimental Medicine and Biology, 1996, , 165-170.	1.6	1
120	Raman spectroscopy based molecular signatures of methamphetamine and HIV induced mitochondrial dysfunction. Biochemical and Biophysical Research Communications, 2022, 621, 116-121.	2.1	1
121	Reply to Dr. Goodwin. Cellular Immunology, 1980, 52, 241.	3.0	0
122	Proteomic Analysis Of Food Allergencity In RAST Positive Patients With Food Allergies. Journal of Allergy and Clinical Immunology, 2011, 127, AB180-AB180.	2.9	0
123	Reply to Chan and Majluf-Cruz: Is the Angioedema Associated with COVID-19 a Real Entity, a Mimic, or Both?. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 646-647.	5.6	0
124	Natural Control over Immune Responses. , 1981, , 129-140.		0
125	Abstract 879: New serum biomarkers for prostate cancer diagnosis. , 2014, , .		0

126 Nanotherapy approach to target ZIKA virus in microglia: A case study. , 2022, , 113-128.

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