

George V Sharonov

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,151
citations

304743

22
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

3492
citing authors

#	ARTICLE	IF	CITATIONS
1	Local fitness landscape of the green fluorescent protein. <i>Nature</i> , 2016, 533, 397-401.	27.8	438
2	B cells, plasma cells and antibody repertoires in the tumour microenvironment. <i>Nature Reviews Immunology</i> , 2020, 20, 294-307.	22.7	363
3	Pairing of T cell receptor chains via emulsion PCR. <i>European Journal of Immunology</i> , 2013, 43, 2507-2515.	2.9	126
4	Characterization of secretomes provides evidence for adipose-derived mesenchymal stromal cells subtypes. <i>Stem Cell Research and Therapy</i> , 2015, 6, 221.	5.5	114
5	Cancer cell injury by cytotoxins from cobra venom is mediated through lysosomal damage. <i>Biochemical Journal</i> , 2005, 390, 11-18.	3.7	101
6	Quantitative Profiling of Immune Repertoires for Minor Lymphocyte Counts Using Unique Molecular Identifiers. <i>Journal of Immunology</i> , 2015, 194, 6155-6163.	0.8	90
7	Intratumoral immunoglobulin isotypes predict survival in lung adenocarcinoma subtypes. , 2019, 7, 279.		64
8	Quantitative tracking of T cell clones after haematopoietic stem cell transplantation. <i>EMBO Molecular Medicine</i> , 2011, 3, 201-207.	6.9	63
9	KillerOrange, a Genetically Encoded Photosensitizer Activated by Blue and Green Light. <i>PLoS ONE</i> , 2015, 10, e0145287.	2.5	56
10	Green Fluorescent Protein with Anionic Tryptophan-Based Chromophore and Long Fluorescence Lifetime. <i>Biophysical Journal</i> , 2015, 109, 380-389.	0.5	56
11	Molecular Mechanisms of Immunomodulation Properties of Mesenchymal Stromal Cells: A New Insight into the Role of ICAM-1. <i>Stem Cells International</i> , 2017, 2017, 1-15.	2.5	51
12	Light-induced blockage of cell division with a chromatin-targeted phototoxic fluorescent protein. <i>Biochemical Journal</i> , 2011, 435, 65-71.	3.7	44
13	Enhanced angiogenesis in ischemic skeletal muscle after transplantation of cell sheets from baculovirus-transduced adipose-derived stromal cells expressing VEGF165. <i>Stem Cell Research and Therapy</i> , 2015, 6, 204.	5.5	42
14	Comparative Study of Structure and Activity of Cytotoxins from Venom of the Cobras <i>Naja oxiana</i> , <i>Naja kaouthia</i> , and <i>Naja haje</i> . <i>Biochemistry (Moscow)</i> , 2004, 69, 1148-1157.	1.5	37
15	Genetically encoded far-red fluorescent sensors for caspase-3 activity. <i>BioTechniques</i> , 2016, 60, 62-68.	1.8	37
16	Point Mutations in Dimerization Motifs of the Transmembrane Domain Stabilize Active or Inactive State of the EphA2 Receptor Tyrosine Kinase. <i>Journal of Biological Chemistry</i> , 2014, 289, 14955-14964.	3.4	35
17	Comparative analysis of proapoptotic activity of cytochrome c mutants in living cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 797-808.	4.9	34
18	Human secreted proteins SLURP1 and SLURP2 control the growth of epithelial cancer cells via interactions with nicotinic acetylcholine receptors. <i>British Journal of Pharmacology</i> , 2018, 175, 1973-1986.	5.4	33

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19	Comparative Study of Photodynamic Properties of 13,15-N-cycloimide Derivatives of Chlorin p6. <i>Photochemistry and Photobiology</i> , 2004, 79, 172.	2.5	29
20	Conformational transitions and interactions underlying the function of membrane embedded receptor protein kinases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1417-1429.	2.6	28
21	Local angiotensin II promotes adipogenic differentiation of human adipose tissue mesenchymal stem cells through type 2 angiotensin receptor. <i>Stem Cell Research</i> , 2017, 25, 115-122.	0.7	27
22	Cycloimide bacteriochlorin p derivatives: Photodynamic properties and cellular and tissue distribution. <i>Free Radical Biology and Medicine</i> , 2006, 40, 407-419.	2.9	26
23	Comparative Analysis of B-Cell Receptor Repertoires Induced by Live Yellow Fever Vaccine in Young and Middle-Age Donors. <i>Frontiers in Immunology</i> , 2018, 9, 2309.	4.8	25
24	Nox4 and Duox1/2 Mediate Redox Activation of Mesenchymal Cell Migration by PDGF. <i>PLoS ONE</i> , 2016, 11, e0154157.	2.5	25
25	Proapoptotic activity of cytochrome c in living cells: effect of K72 substitutions and species differences. <i>Molecular and Cellular Biochemistry</i> , 2008, 314, 85-93.	3.1	22
26	Resistance of cellular membrane antigens to solubilization with Triton X-100 as a marker of their association with lipid rafts—analysis by flow cytometry. <i>Journal of Immunological Methods</i> , 2003, 278, 211-219.	1.4	21
27	Individual characterization of stably expanded T cell clones in ankylosing spondylitis patients. <i>Autoimmunity</i> , 2009, 42, 525-536.	2.6	19
28	Glycosylphosphatidylinositol-anchored proteins as regulators of cortical cytoskeleton. <i>Biochemistry (Moscow)</i> , 2016, 81, 636-650.	1.5	16
29	Expression of EMT-Related Genes in Hybrid E/M Colorectal Cancer Cells Determines Fibroblast Activation and Collagen Remodeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8119.	4.1	15
30	p63 and p73 repress CXCR5 chemokine receptor gene expression in p53-deficient MCF-7 breast cancer cells during genotoxic stress. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1169-1178.	1.9	13
31	Measuring Intratumoral Heterogeneity of Immune Repertoires. <i>Frontiers in Oncology</i> , 2020, 10, 512.	2.8	12
32	RNA-Seq-Based TCR Profiling Reveals Persistently Increased Intratumoral Clonality in Responders to Anti-PD-1 Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 385.	2.8	11
33	Direct and indirect antibody-induced TX-100 resistance of cell surface antigens. <i>Immunology Letters</i> , 2003, 85, 287-295.	2.5	10
34	Different spatiotemporal organization of GPI-anchored T-cadherin in response to low-density lipoprotein and adiponectin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129414.	2.4	10
35	T-cadherin as a novel receptor regulating metabolism in the blood vessel and heart cells: from structure to function. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016, 52, 103-118.	0.6	9
36	T-cadherin suppresses the cell proliferation of mouse melanoma B16F10 and tumor angiogenesis in the model of the chorioallantoic membrane. <i>Russian Journal of Developmental Biology</i> , 2010, 41, 217-226.	0.5	7

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37	Interfering surface and localized plasmon: Tuning the Wood anomaly for biosensing. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2018, 32, 1-5.	2.0	5
38	Soluble OX40L favors tumor rejection in CT26 colon carcinoma model. <i>Cytokine</i> , 2016, 84, 10-16.	3.2	4
39	Data supporting that adipose-derived mesenchymal stem/stromal cells express angiotensin II receptors in situ and in vitro. <i>Data in Brief</i> , 2018, 16, 327-333.	1.0	4
40	Analysis of GPI-Anchored Receptor Distribution and Dynamics in Live Cells by Tag-Mediated Enzymatic Labeling and FRET. <i>Methods and Protocols</i> , 2020, 3, 33.	2.0	4
41	Obtaining tumour-specific T cells in a mouse melanoma model. <i>Annals of Oncology</i> , 2019, 30, xi12-xi13.	1.2	3
42	Comparative Study of Photodynamic Properties of 13, 15 <i>N</i> -cycloimide Derivatives of chlorin p6 ⁶ . <i>Photochemistry and Photobiology</i> , 2004, 79, 172-188.	2.5	2
43	Receptor-binding domain of ephrin-A1: Production in bacterial expression system and activity. <i>Biochemistry (Moscow)</i> , 2012, 77, 1387-1394.	1.5	2
44	Optical properties of Platonic clusters of plasmonic nanoparticles. <i>Quantum Electronics</i> , 2020, 50, 237-241.	1.0	2
45	Bioengineered System for High Throughput Screening of Kv1 Ion Channel Blockers. <i>Bioengineering</i> , 2021, 8, 187.	3.5	2
46	The effect of low-density lipoproteins on mesenchymal stromal cells of adipose tissue. <i>Doklady Biological Sciences</i> , 2011, 441, 363-366.	0.6	1
47	Deciphering Repertoire of B16 Melanoma Reactive TCRs by Immunization, In Vitro Restimulation and Sequencing of IFN ³ -Secreting T Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9859.	4.1	1
48	Plasmonic Photonic Crystal Slab: Surface Wave-Assisted Binding for Lipoprotein Detection. , 2018, , .		0