

Gennadi V Glinsky

List of Publications by Year in descending order

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79
papers

4,524
citations

117625

34
h-index

106344

65
g-index

103
all docs

103
docs citations

103
times ranked

6346
citing authors

#	ARTICLE	IF	CITATIONS
1	Microarray analysis identifies a death-from-cancer signature predicting therapy failure in patients with multiple types of cancer. <i>Journal of Clinical Investigation</i> , 2005, 115, 1503-1521.	8.2	830
2	Gene expression profiling predicts clinical outcome of prostate cancer. <i>Journal of Clinical Investigation</i> , 2004, 113, 913-923.	8.2	405
3	Increased Expression of Apoptosis Inhibitor Protein XIAP Contributes to Anoikis Resistance of Circulating Human Prostate Cancer Metastasis Precursor Cells. <i>Cancer Research</i> , 2005, 65, 2378-2386.	0.9	218
4	Genomic Models of Metastatic Cancer: Functional Analysis of Death-from-Cancer Signature Genes Reveals Aneuploid, Anoikis-Resistant, Metastasis-Enabling Phenotype with Altered Cell Cycle Control and Activated PcG Protein Chromatin Silencing Pathway. <i>Cell Cycle</i> , 2006, 5, 1208-1216.	2.6	153
5	Stemness Genomics Law Governs Clinical Behavior of Human Cancer: Implications for Decision Making in Disease Management. <i>Journal of Clinical Oncology</i> , 2008, 26, 2846-2853.	1.6	152
6	Essential Role for Activation of the Polycomb Group (PcG) Protein Chromatin Silencing Pathway in Metastatic Prostate Cancer. <i>Cell Cycle</i> , 2006, 5, 1886-1901.	2.6	150
7	Tripartite Combination of Candidate Pandemic Mitigation Agents: Vitamin D, Quercetin, and Estradiol Manifest Properties of Medicinal Agents for Targeted Mitigation of the COVID-19 Pandemic Defined by Genomics-Guided Tracing of SARS-CoV-2 Targets in Human Cells. <i>Biomedicines</i> , 2020, 8, 129.	3.2	124
8	Death-From-Cancer Signatures and Stem Cell Contribution to Metastatic Cancer. <i>Cell Cycle</i> , 2005, 4, 1171-1175.	2.6	116
9	Modification of survival pathway gene expression in human breast cancer cells by tetraiodothyroacetic acid (tetrac). <i>Cell Cycle</i> , 2009, 8, 3562-3570.	2.6	109
10	Highly specific SNP detection using 2D graphene electronics and DNA strand displacement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7088-7093.	7.1	106
11	Apoptosis and metastasis: a superior resistance of metastatic cancer cells to programmed cell death. <i>Cancer Letters</i> , 1996, 101, 43-51.	7.2	105
12	Resistance to apoptosis in human cells conferred by telomerase function and telomere stability. <i>Molecular Carcinogenesis</i> , 1999, 25, 241-248.	2.7	103
13	Cancer Cell Gene Expression Modulated from Plasma Membrane Integrin $\alpha 5 \beta 1$ by Thyroid Hormone and Nanoparticulate Tetrac. <i>Frontiers in Endocrinology</i> , 2014, 5, 240.	3.5	91
14	Galectin-3 as a Potential Therapeutic Target in Tumors Arising from Malignant Endothelia. <i>Neoplasia</i> , 2007, 9, 662-670.	5.3	89
15	Inhibition of Prostate Cancer Bone Metastasis by Synthetic TF Antigen Mimic/Galectin-3 Inhibitor Lactulose-l-Leucine. <i>Neoplasia</i> , 2012, 14, 65-73.	5.3	79
16	Identification of intergenic trans-regulatory RNAs containing a disease-linked SNP sequence and targeting cell cycle progression/differentiation pathways in multiple common human disorders. <i>Cell Cycle</i> , 2009, 8, 3925-3942.	2.6	75
17	Classification of Human Breast Cancer Using Gene Expression Profiling as a Component of the Survival Predictor Algorithm. <i>Clinical Cancer Research</i> , 2004, 10, 2272-2283.	7.0	74
18	DNA Nanotweezers and Graphene Transistor Enable Label-Free Genotyping. <i>Advanced Materials</i> , 2018, 30, e1802440.	21.0	73

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19	Critical Role for Fas-Associated Death Domain-Like Interleukin-1-Converting Enzyme-Like Inhibitory Protein in Anoikis Resistance and Distant Tumor Formation. <i>Journal of the National Cancer Institute</i> , 2007, 99, 811-822.	6.3	72
20	In situ Spatial Complementation of Aptamer-Mediated Recognition Enables Live-Cell Imaging of Native RNA Transcripts in Real Time. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 972-976.	13.8	71
21	Transposable Elements and DNA Methylation Create in Embryonic Stem Cells Human-Specific Regulatory Sequences Associated with Distal Enhancers and Noncoding RNAs. <i>Genome Biology and Evolution</i> , 2015, 7, 1432-1454.	2.5	67
22	Viable circulating metastatic cells produced in orthotopic but not ectopic prostate cancer models. <i>Cancer Research</i> , 2003, 63, 4239-43.	0.9	65
23	Patient-derived xenografts of triple-negative breast cancer reproduce molecular features of patient tumors and respond to mTOR inhibition. <i>Breast Cancer Research</i> , 2014, 16, R36.	5.0	63
24	SNP-guided microRNA maps (MirMaps) of 16 common human disorders identify a clinically accessible therapy reversing transcriptional aberrations of nuclear import and inflammasome pathways. <i>Cell Cycle</i> , 2008, 7, 3564-3576.	2.6	60
25	An SNP-guided microRNA map of fifteen common human disorders identifies a consensus disease phenocode aiming at principal components of the nuclear import pathway. <i>Cell Cycle</i> , 2008, 7, 2570-2583.	2.6	56
26	Genomic analysis of pandemic (H1N1) 2009 reveals association of increasing disease severity with emergence of novel hemagglutinin mutations. <i>Cell Cycle</i> , 2010, 9, 958-970.	2.6	53
27	Thyroid hormone and anti-apoptosis in tumor cells. <i>Oncotarget</i> , 2015, 6, 14735-14743.	1.8	50
28	Synthetic Galectin-3 Inhibitor Increases Metastatic Cancer Cell Sensitivity to Taxol-Induced Apoptosis In Vitro and In Vivo. <i>Neoplasia</i> , 2009, 11, 901-909.	5.3	49
29	Characterization of mammary cancer stem cells in the MMTV-PyMT mouse model. <i>Tumor Biology</i> , 2012, 33, 1983-1996.	1.8	47
30	Stem Cell Origin of Death-from-Cancer Phenotypes of Human Prostate and Breast Cancers. <i>Stem Cell Reviews and Reports</i> , 2007, 3, 79-93.	5.6	46
31	Downregulation of Bmi1 in breast cancer stem cells suppresses tumor growth and proliferation. <i>Oncotarget</i> , 2017, 8, 38731-38742.	1.8	45
32	Networks of intergenic long-range enhancers and snRNAs drive castration-resistant phenotype of prostate cancer and contribute to pathogenesis of multiple common human disorders. <i>Cell Cycle</i> , 2011, 10, 3571-3597.	2.6	43
33	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. <i>Molecular Biology and Evolution</i> , 2018, 35, 2435-2453.	8.9	43
34	Dual-Color-Coded Imaging of Viable Circulating Prostate Carcinoma Cells Reveals Genetic Exchange between Tumor Cells In Vivo, Contributing to Highly Metastatic Phenotypes. <i>Cell Cycle</i> , 2006, 5, 191-197.	2.6	41
35	Contributions of Thyroid Hormone to Cancer Metastasis. <i>Biomedicines</i> , 2018, 6, 89.	3.2	39
36	Rapid self-test of unprocessed viruses of SARS-CoV-2 and its variants in saliva by portable wireless graphene biosensor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	32

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37	Disease phenocode analysis identifies SNP-guided microRNA maps (MirMaps) associated with human "master" disease genes. <i>Cell Cycle</i> , 2008, 7, 3680-3694.	2.6	30
38	Apoptosis in metastatic cancer cells. <i>Critical Reviews in Oncology/Hematology</i> , 1997, 25, 175-186.	4.4	28
39	Actions of Thyroid Hormone Analogues on Chemokines. <i>Journal of Immunology Research</i> , 2016, 2016, 1-7.	2.2	28
40	Contribution of transposable elements and distal enhancers to evolution of human-specific features of interphase chromatin architecture in embryonic stem cells. <i>Chromosome Research</i> , 2018, 26, 61-84.	2.2	28
41	The evolution of Great Apes has shaped the functional enhancers' landscape in human embryonic stem cells. <i>Stem Cell Research</i> , 2019, 37, 101456.	0.7	28
42	Phenotype-defining functions of multiple non-coding RNA pathways. <i>Cell Cycle</i> , 2008, 7, 1630-1639.	2.6	27
43	Magnetically-responsive silica "gold nanobowls for targeted delivery and SERS-based sensing. <i>Nanoscale</i> , 2016, 8, 11840-11850.	5.6	27
44	Mechanistically Distinct Pathways of Divergent Regulatory DNA Creation Contribute to Evolution of Human-Specific Genomic Regulatory Networks Driving Phenotypic Divergence of <i>Homo sapiens</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 2774-2788.	2.5	25
45	Multifunctional stimuli responsive polymer-gated iron and gold-embedded silica nano golf balls: Nanoshuttles for targeted on-demand theranostics. <i>Bone Research</i> , 2017, 5, 17051.	11.4	24
46	Molecular Mechanisms of Actions of Formulations of the Thyroid Hormone Analogue, Tetrac, on the Inflammatory Response. <i>Endocrine Research</i> , 2013, 38, 112-118.	1.2	23
47	Single cell genomics reveals activation signatures of endogenous SCAR's networks in aneuploid human embryos and clinically intractable malignant tumors. <i>Cancer Letters</i> , 2016, 381, 176-193.	7.2	23
48	Single cell expression analysis of primate-specific retroviruses-derived HPAT lincRNAs in viable human blastocysts identifies embryonic cells co-expressing genetic markers of multiple lineages. <i>Heliyon</i> , 2018, 4, e00667.	3.2	23
49	Direct DNA Methylation Profiling with an Electric Biosensor. <i>ACS Nano</i> , 2020, 14, 6743-6751.	14.6	23
50	Direct and indirect contribution of bone marrow-derived cells to cancer. <i>International Journal of Cancer</i> , 2010, 126, 2308-2318.	5.1	22
51	Activation of endogenous human stem cell-associated retroviruses (SCARs) and therapy-resistant phenotypes of malignant tumors. <i>Cancer Letters</i> , 2016, 376, 347-359.	7.2	21
52	A Catalogue of 59,732 Human-Specific Regulatory Sequences Reveals Unique-to-Human Regulatory Patterns Associated with Virus-Interacting Proteins, Pluripotency, and Brain Development. <i>DNA and Cell Biology</i> , 2020, 39, 126-143.	1.9	14
53	An on-demand four-way junction DNAzyme nanoswitch driven by inosine-based partial strand displacement. <i>Nanoscale</i> , 2014, 6, 1462-1466.	5.6	13
54	Human genome connectivity code links disease-associated SNPs, microRNAs and pyknons. <i>Cell Cycle</i> , 2009, 8, 925-930.	2.6	12

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55	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. <i>Langmuir</i> , 2015, 31, 9148-9154.	3.5	11
56	Impacts of genomic networks governed by human-specific regulatory sequences and genetic loci harboring fixed human-specific neuro-regulatory single nucleotide mutations on phenotypic traits of modern humans. <i>Chromosome Research</i> , 2020, 28, 331-354.	2.2	11
57	Viruses, stemness, embryogenesis, and cancer: a miracle leap toward molecular definition of novel oncotargets for therapy-resistant malignant tumors?. <i>Oncoscience</i> , 2015, 2, 751-754.	2.2	10
58	Tumor-derived mesenchymal stem cells and orthotopic site increase the tumor initiation potential of putative mouse mammary cancer stem cells derived from MMTV-PyMT mice. <i>Tumor Biology</i> , 2012, 33, 1997-2005.	1.8	8
59	DNA nano-carrier for repeatable capture and release of biomolecules. <i>Nanoscale</i> , 2015, 7, 17397-17403.	5.6	8
60	Energetically Biased DNA Motor Containing a Thermodynamically Stable Partial Strand Displacement State. <i>Langmuir</i> , 2014, 30, 14073-14078.	3.5	7
61	Dual-Functionalized Theranostic Nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14740-14746.	8.0	7
62	RNA-guided diagnostics and therapeutics for next-generation individualized nanomedicine. <i>Journal of Clinical Investigation</i> , 2013, 123, 2350-2352.	8.2	7
63	Genomics-Guided Drawing of Molecular and Pathophysiological Components of Malignant Regulatory Signatures Reveals a Pivotal Role in Human Diseases of Stem Cell-Associated Retroviral Sequences and Functionally-Active hESC Enhancers. <i>Frontiers in Oncology</i> , 2021, 11, 638363.	2.8	6
64	Emerging genomic technologies and the concept of personalized medicine: An overview of ethical, legal and social implications. <i>Cell Cycle</i> , 2008, 7, 2278-2285.	2.6	5
65	Regenerative medicine: Clinical relevance, implications, and limitations of the stem cell-based therapies. <i>Cell Cycle</i> , 2008, 7, 3292-3293.	2.6	3
66	Targeting Thyrointegrin $\alpha v \beta 3$ Using Fluorobenzyl Polyethylene Glycol Conjugated Tetraiodothyroacetic Acid (NP751) in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2021, 11, 793810.	2.8	3
67	Effects of Anticancer Agent P-bi-TAT on Gene Expression Link the Integrin Thyroid Hormone Receptor to Expression of Stemness and Energy Metabolism Genes in Cancer Cells. <i>Metabolites</i> , 2022, 12, 325.	2.9	2
68	Remarkable features of tiny RNA molecules: Highlights of revolutionary discoveries on the path from the bench to bedside. <i>Cell Cycle</i> , 2008, 7, 2451-2451.	2.6	1
69	Real-time case fatality analysis points to emerging evidence of increasing severity of pandemic (H1N1) 2009. <i>Cell Cycle</i> , 2009, 8, 3057-3062.	2.6	1
70	Triazole Modified Tetraiodothyroacetic Acid Conjugated to Polyethylene Glycol, a Thyrointegrin $\alpha v \beta 3$ Antagonist as a Radio- and Chemo-Sensitizer in Pancreatic Cancer. <i>Biomedicines</i> , 2022, 10, 795.	3.2	1
71	Regenerative medicine: Evidence for remarkable healing power of adult (somatic) stem cells. <i>Cell Cycle</i> , 2008, 7, 1697-1697.	2.6	0
72	Preventative and therapeutic strategies for cancer stem cells. , 0, , 68-92.		0

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73	Networks of intergenic long-range enhancers and snpRNAs drive castration-resistant phenotype of prostate cancer and contribute to pathogenesis of multiple common human disorders. Nature Precedings, 2011, , .	0.1	0
74	Unique for human centromeric regions of interphase chromatin homing (CENTRICH) govern dynamic features of chromatin fractal globules. Nature Precedings, 2012, , .	0.1	0
75	Nanocarriers for Magnetically Actuated Targeted Drug Delivery. Biophysical Journal, 2019, 116, 33a.	0.5	0
76	Breast cancer derived from bone marrow after transplantation in an FVB mouse.. FASEB Journal, 2009, 23, 363.8.	0.5	0
77	Abstract 3344: Two different stem cell populations exist in breast cancer to control tumor initiation. , 2010, , .		0
78	Thyrintegrin α 3 Antagonist: Implications in Acute Myeloid Leukemia. Blood, 2021, 138, 4434-4434.	1.4	0
79	In Vivo Clearance of Apoptotic Debris From Tumor Xenografts Exposed to Chemically Modified Tetrac: Is There a Role for Thyroid Hormone Analogues in Efferocytosis?. Frontiers in Endocrinology, 2022, 13, 745327.	3.5	0