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	Triazole Modified Tetraiodothyroacetic Acid Conjugated to Polyethylene Glycol, a Thyrointegrin Î±vÎ²3 Antagonist as a Radio- and Chemo-Sensitizer in Pancreatic Cancer. Biomedicines, 2022, 10, 795.	3.2	1
2	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
3	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. Metabolites, 2022, 12, 325.	2.9	2
4	Rapid self-test of unprocessed viruses of SARS-CoV-2 and its variants in saliva by portable wireless graphene biosensor. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	32
5	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. Frontiers in Oncology, 2021, 11, 638363.	2.8	6
6	Thyrointegrin Î±VÎ²3 Antagonist: Implications in Acute Myeloid Leukemia. Blood, 2021, 138, 4434-4434.	1.4	0
7	Targeting Thyrointegrin Î±vÎ²3 Using Fluorobenzyl Polyethylene Glycol Conjugated Tetraiodothyroacetic Acid (NP751) in Acute Myeloid Leukemia. Frontiers in Oncology, 2021, 11, 793810.	2.8	3
8	A Catalogue of 59,732 Human-Specific Regulatory Sequences Reveals Unique-to-Human Regulatory Patterns Associated with Virus-Interacting Proteins, Pluripotency, and Brain Development. DNA and Cell Biology, 2020, 39, 126-143.	1.9	14
9	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. Chromosome Research, 2020, 28, 331-354.	2.2	11
10	Direct DNA Methylation Profiling with an Electric Biosensor. ACS Nano, 2020, 14, 6743-6751.	14.6	23
11	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. Biomedicines, 2020, 8, 129.	3.2	124
12	The evolution of Great Apes has shaped the functional enhancers' landscape in human embryonic stem cells. Stem Cell Research, 2019, 37, 101456.	0.7	28
13	Nanocarriers for Magnetically Actuated Targeted Drug Delivery. Biophysical Journal, 2019, 116, 33a.	0.5	0
14	Contribution of transposable elements and distal enhancers to evolution of human-specific features of interphase chromatin architecture in embryonic stem cells. Chromosome Research, 2018, 26, 61-84.	2.2	28
15	Inâ€...Situ Spatial Complementation of Aptamerâ€Mediated Recognition Enables Liveâ€Cell Imaging of Native RNA Transcripts in Real Time. Angewandte Chemie - International Edition, 2018, 57, 972-976.	13.8	71
16	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. Heliyon, 2018, 4, e00667.	3.2	23
17	DNA Nanotweezers and Graphene Transistor Enable Labelâ€Free Genotyping. Advanced Materials, 2018, 30, e1802440.	21.0	73
18	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. Molecular Biology and Evolution, 2018, 35, 2435-2453.	8.9	43

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19	Contributions of Thyroid Hormone to Cancer Metastasis. Biomedicines, 2018, 6, 89.	3.2	39
20	Multifunctional stimuli responsive polymer-gated iron and gold-embedded silica nano golf balls: Nanoshuttles for targeted on-demand theranostics. Bone Research, 2017, 5, 17051.	11.4	24
21	Downregulation of Bmi1 in breast cancer stem cells suppresses tumor growth and proliferation. Oncotarget, 2017, 8, 38731-38742.	1.8	45
22	Actions of Thyroid Hormone Analogues on Chemokines. Journal of Immunology Research, 2016, 2016, 1-7.	2.2	28
23	Activation of endogenous human stem cell-associated retroviruses (SCARs) and therapy-resistant phenotypes of malignant tumors. Cancer Letters, 2016, 376, 347-359.	7.2	21
24	Single cell genomics reveals activation signatures of endogenous SCAR's networks in aneuploid human embryos and clinically intractable malignant tumors. Cancer Letters, 2016, 381, 176-193.	7.2	23
25	Mechanistically Distinct Pathways of Divergent Regulatory DNA Creation Contribute to Evolution of Human-Specific Genomic Regulatory Networks Driving Phenotypic Divergence ofHomo sapiens. Genome Biology and Evolution, 2016, 8, 2774-2788.	2.5	25
26	Magnetically-responsive silicaâ€“gold nanobowls for targeted delivery and SERS-based sensing. Nanoscale, 2016, 8, 11840-11850.	5.6	27
27	Dual-Functionalized Theranostic Nanocarriers. ACS Applied Materials & Interfaces, 2016, 8, 14740-14746.	8.0	7
28	Highly specific SNP detection using 2D graphene electronics and DNA strand displacement. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7088-7093.	7.1	106
29	Transposable Elements and DNA Methylation Create in Embryonic Stem Cells Human-Specific Regulatory Sequences Associated with Distal Enhancers and Noncoding RNAs. Genome Biology and Evolution, 2015, 7, 1432-1454.	2.5	67
30	DNA nano-carrier for repeatable capture and release of biomolecules. Nanoscale, 2015, 7, 17397-17403.	5.6	8
31	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. Langmuir, 2015, 31, 9148-9154.	3.5	11
32	Viruses, stemness, embryogenesis, and cancer: a miracle leap toward molecular definition of novel oncotargets for therapy-resistant malignant tumors?. Oncoscience, 2015, 2, 751-754.	2.2	10
33	Thyroid hormone and anti-apoptosis in tumor cells. Oncotarget, 2015, 6, 14735-14743.	1.8	50
34	Energetically Biased DNA Motor Containing a Thermodynamically Stable Partial Strand Displacement State. Langmuir, 2014, 30, 14073-14078.	3.5	7
35	Patient-derived xenografts of triple-negative breast cancer reproduce molecular features of patient tumors and respond to mTOR inhibition. Breast Cancer Research, 2014, 16, R36.	5.0	63
36	An on-demand four-way junction DNAzyme nanoswitch driven by inosine-based partial strand displacement. Nanoscale, 2014, 6, 1462-1466.	5.6	13

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37	Cancer Cell Gene Expression Modulated from Plasma Membrane Integrin ÃŽÂ±vÃŽÂ²3 by Thyroid Hormone and Nanoparticulate Tetrac. Frontiers in Endocrinology, 2014, 5, 240.	3.5	91
38	Molecular Mechanisms of Actions of Formulations of the Thyroid Hormone Analogue, Tetrac, on the Inflammatory Response. Endocrine Research, 2013, 38, 112-118.	1.2	23
39	RNA-guided diagnostics and therapeutics for next-generation individualized nanomedicine. Journal of Clinical Investigation, 2013, 123, 2350-2352.	8.2	7
40	Characterization of mammary cancer stem cells in the MMTV-PyMT mouse model. Tumor Biology, 2012, 33, 1983-1996.	1.8	47
41	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. Tumor Biology, 2012, 33, 1997-2005.	1.8	8
42	Inhibition of Prostate Cancer Bone Metastasis by Synthetic TF Antigen Mimic/Galectin-3 Inhibitor Lactulose-l-Leucine. Neoplasia, 2012, 14, 65-73.	5.3	79
43	Unique for human centromeric regions of interphase chromatin homing (CENTRICH) govern dynamic features of chromatin fractal globules. Nature Precedings, 2012, , .	0.1	0
44	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
45	Networks of intergenic long-range enhancers and snpRNAs drive castration-resistant phenotype of prostate cancer and contribute to pathogenesis of multiple common human disorders. Cell Cycle, 2011, 10, 3571-3597.	2.6	43
46	Genomic analysis of pandemic (H1N1) 2009 reveals association of increasing disease severity with emergence of novel hemagglutinin mutations. Cell Cycle, 2010, 9, 958-970.	2.6	53
47	Direct and indirect contribution of bone marrowâ€derived cells to cancer. International Journal of Cancer, 2010, 126, 2308-2318.	5.1	22
48	Abstract 3344: Two different stem cell populations exist in breast cancer to control tumor initiation. , 2010, , .		0
49	Modification of survival pathway gene expression in human breast cancer cells by tetraiodothyroacetic acid (tetrac). Cell Cycle, 2009, 8, 3562-3570.	2.6	109
50	Human genome connectivity code links disease-associated SNPs, microRNAs and pyknons. Cell Cycle, 2009, 8, 925-930.	2.6	12
51	Real-time case fatality analysis points to emerging evidence of increasing severity of pandemic (H1N1) 2009. Cell Cycle, 2009, 8, 3057-3062.	2.6	1
52	Identification of intergenic trans-regulatory RNAs containing a disease-linked SNP sequence and targeting cell cycle progression/differentiation pathways in multiple common human disorders. Cell Cycle, 2009, 8, 3925-3942.	2.6	75
53	Synthetic Galectin-3 Inhibitor Increases Metastatic Cancer Cell Sensitivity to Taxol-Induced Apoptosis In Vitro and In Vivo. Neoplasia, 2009, 11, 901-909.	5.3	49
54	Breast cancer derived from bone marrow after transplantation in an FVB mouse.. FASEB Journal, 2009, 23, 363.8.	0.5	0

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55	â€œStemnessâ€•Genomics Law Governs Clinical Behavior of Human Cancer: Implications for Decision Making in Disease Management. Journal of Clinical Oncology, 2008, 26, 2846-2853.	1.6	152
56	An SNP-guided microRNA map of fifteen common human disorders identifies a consensus disease phenocode aiming at principal components of the nuclear import pathway. Cell Cycle, 2008, 7, 2570-2583.	2.6	56
57	Emerging genomic technologies and the concept of personalized medicine: An overview of ethical, legal and social implications. Cell Cycle, 2008, 7, 2278-2285.	2.6	5
58	Remarkable features of tiny RNA molecules: Highlights of revolutionary discoveries on the path from the bench to bedside. Cell Cycle, 2008, 7, 2451-2451.	2.6	1
59	Phenotype-defining functions of multiple non-coding RNA pathways. Cell Cycle, 2008, 7, 1630-1639.	2.6	27
60	Regenerative medicine: Clinical relevance, implications, and limitations of the stem cell-based therapies. Cell Cycle, 2008, 7, 3292-3293.	2.6	3
61	SNP-guided microRNA maps (MirMaps) of 16 common human disorders identify a clinically accessible therapy reversing transcriptional aberrations of nuclear import and inflammasome pathways. Cell Cycle, 2008, 7, 3564-3576.	2.6	60
62	Disease phenocode analysis identifies SNP-guided microRNA maps (MirMaps) associated with human "master" disease genes. Cell Cycle, 2008, 7, 3680-3694.	2.6	30
63	Regenerative medicine: Evidence for remarkable healing power of adult (somatic) stem cells. Cell Cycle, 2008, 7, 1697-1697.	2.6	0
64	Critical Role for Fas-Associated Death Domain-Like Interleukin-1-Converting Enzyme-Like Inhibitory Protein in Anoikis Resistance and Distant Tumor Formation. Journal of the National Cancer Institute, 2007, 99, 811-822.	6.3	72
65	Galectin-3 as a Potential Therapeutic Target in Tumors Arising from Malignant Endothelia. Neoplasia, 2007, 9, 662-670.	5.3	89
66	Stem Cell Origin of Death-from-Cancer Phenotypes of Human Prostate and Breast Cancers. Stem Cell Reviews and Reports, 2007, 3, 79-93.	5.6	46
67	Dual-Color-Coded Imaging of Viable Circulating Prostate Carcinoma Cells Reveals Genetic Exchange between Tumor Cells In Vivo, Contributing to Highly Metastatic Phenotypes. Cell Cycle, 2006, 5, 191-197.	2.6	41
68	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. Cell Cycle, 2006, 5, 1208-1216.	2.6	153
69	Essential Role for Activation of the Polycomb Group (PcG) Protein Chromatin Silencing Pathway in Metastatic Prostate Cancer. Cell Cycle, 2006, 5, 1886-1901.	2.6	150
70	Death-From-Cancer Signatures and Stem Cell Contribution to Metastatic Cancer. Cell Cycle, 2005, 4, 1171-1175.	2.6	116
71	Increased Expression of Apoptosis Inhibitor Protein XIAP Contributes to Anoikis Resistance of Circulating Human Prostate Cancer Metastasis Precursor Cells. Cancer Research, 2005, 65, 2378-2386.	0.9	218
72	Microarray analysis identifies a death-from-cancer signature predicting therapy failure in patients with multiple types of cancer. Journal of Clinical Investigation, 2005, 115, 1503-1521.	8.2	830

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73	Classification of Human Breast Cancer Using Gene Expression Profiling as a Component of the Survival Predictor Algorithm. Clinical Cancer Research, 2004, 10, 2272-2283.	7.0	74
74	Gene expression profiling predicts clinical outcome of prostate cancer. Journal of Clinical Investigation, 2004, 113, 913-923.	8.2	405
75	Viable circulating metastatic cells produced in orthotopic but not ectopic prostate cancer models. Cancer Research, 2003, 63, 4239-43.	0.9	65
76	Resistance to apoptosis in human cells conferred by telomerase function and telomere stability. Molecular Carcinogenesis, 1999, 25, 241-248.	2.7	103
77	Apoptosis in metastatic cancer cells. Critical Reviews in Oncology/Hematology, 1997, 25, 175-186.	4.4	28
78	Apoptosis and metastasis: a superior resistance of metastatic cancer cells to programmed cell death. Cancer Letters, 1996, 101, 43-51.	7.2	105
79	Preventative and therapeutic strategies for cancer stem cells. , 0, , 68-92.		0