Roseline Godbout

List of Publications by Year
in descending order

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114 papers	7,449 citations	66234 42 h-index	54797 84 g-index
115 all docs	115 docs citations	115 times ranked	6896 citing authors

#	Article	IF	Citations
1	DEAD box 1 (DDX1) protein binds to and protects cytoplasmic stress response mRNAs in cells exposed to oxidative stress. Journal of Biological Chemistry, 2022, 298, 102180.	1.6	7
2	DDX1 vesicles control calcium-dependent mitochondrial activity in mouse embryos. Nature Communications, 2022, 13, .	5.8	5
3	Super resolution microscopy reveals DHA-dependent alterations in glioblastoma membrane remodelling and cell migration. Nanoscale, 2021, 13, 9706-9722.	2.8	9
4	FABP7 Facilitates Uptake of Docosahexaenoic Acid in Glioblastoma Neural Stem-like Cells. Nutrients, 2021, 13, 2664.	1.7	10
5	The FABP12/PPARÎ³ pathway promotes metastatic transformation by inducing epithelialâ€toâ€mesenchymal transition and lipidâ€derived energy production in prostate cancer cells. Molecular Oncology, 2020, 14, 3100-3120.	2.1	30
6	An Amplified Fatty Acid-Binding Protein Gene Cluster in Prostate Cancer: Emerging Roles in Lipid Metabolism and Metastasis. Cancers, 2020, 12, 3823.	1.7	15
7	S100A10 Has a Critical Regulatory Function in Mammary Tumor Growth and Metastasis: Insights Using MMTV-PyMT Oncomice and Clinical Patient Sample Analysis. Cancers, 2020, 12, 3673.	1.7	8
8	Cytoplasmic aggregation of DDX1 in developing embryos: Early embryonic lethality associated with Ddx1 knockout. Developmental Biology, 2019, 455, 420-433.	0.9	12
9	A positive feedback loop involving nuclear factor IB and calpain 1 suppresses glioblastoma cell migration. Journal of Biological Chemistry, 2019, 294, 12638-12654.	1.6	7
10	Non-canonical BAD activity regulates breast cancer cell and tumor growth via 14-3-3 binding and mitochondrial metabolism. Oncogene, 2019, 38, 3325-3339.	2.6	19
11	NFIB promotes cell survival by directly suppressing p21 transcription in TP53â€mutated tripleâ€negative breast cancer. Journal of Pathology, 2019, 247, 186-198.	2.1	36
12	Effects of nuclear factor I phosphorylation on calpastatin (CAST) gene variant expression and subcellular distribution in malignant glioma cells. Journal of Biological Chemistry, 2019, 294, 1173-1188.	1.6	3
13	AP-2Îµ Expression in Developing Retina: Contributing to the Molecular Diversity of Amacrine Cells. Scientific Reports, 2018, 8, 3386.	1.6	4
14	Alternative Splicing of Disabled-1 Controls Multipolar-to-Bipolar Transition of Migrating Neurons in the Neocortex. Cerebral Cortex, 2018, 28, 3457-3467.	1.6	23
15	Nuclear Factor I Represses the Notch Effector HEY1 in Glioblastoma. Neoplasia, 2018, 20, 1023-1037.	2.3	24
16	Antiâ€EpCAM Gold Nanorods and Femtosecond Laser Pulses for Targeted Lysis of Retinoblastoma. Advanced Therapeutics, 2018, 1, 1800009.	1.6	6
17	Ï‰-3 and Ï‰-6 Fatty Acids Modulate Conventional and Atypical Protein Kinase C Activities in a Brain Fatty Acid Binding Protein Dependent Manner in Glioblastoma Multiforme. Nutrients, 2018, 10, 454.	1.7	13
18	Proof of concept: anti-EPCAM gold nanorods and femtosecond laser pulses for retinoblastoma treatment. , 2018, , .		0

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19	Role for RIF1-interacting partner DDX1 in BLM recruitment to DNA double-strand breaks. DNA Repair, 2017, 55, 47-63.	1.3	14
20	Evidence of femtosecond-laser pulse induced cell membrane nanosurgery. , 2017, , .		1
21	Functional assessment of von Willebrand factor expression by cancer cells of non-endothelial origin. Oncotarget, 2017, 8, 13015-13029.	0.8	41
22	Characterization of femtosecond-laser pulse induced cell membrane nanosurgical attachment. Biomedical Optics Express, 2016, 7, 2749.	1.5	5
23	Association between cytoplasmic CRABP2, altered retinoic acid signaling, and poor prognosis in glioblastoma. Glia, 2016, 64, 963-976.	2.5	44
24	Oxidative stress contributes to the tamoxifen-induced killing of breast cancer cells: implications for tamoxifen therapy and resistance. Scientific Reports, 2016, 6, 21164.	1.6	97
25	Notch and TGFÎ² form a positive regulatory loop and regulate EMT in epithelial ovarian cancer cells. Cellular Signalling, 2016, 28, 838-849.	1.7	54
26	DEAD Box 1 Facilitates Removal of RNA and Homologous Recombination at DNA Double-Strand Breaks. Molecular and Cellular Biology, 2016, 36, 2794-2810.	1.1	122
27	Novel Method for Neuronal Nanosurgical Connection. Scientific Reports, 2016, 6, 20529.	1.6	17
28	Loss of AP-2delta reduces retinal ganglion cell numbers and axonal projections to the superior colliculus. Molecular Brain, 2016, 9, 62.	1.3	8
29	The NAD+ salvage pathway modulates cancer cell viability via p73. Cell Death and Differentiation, 2016, 23, 669-680.	5.0	51
30	Activation of calcineurin in cancer: many paths, one hub. Translational Cancer Research, 2016, 5, S497-S506.	0.4	11
31	Ddx1 knockout results in transgenerational wild-type lethality in mice. Scientific Reports, 2015, 5, 9829.	1.6	25
32	CRABP1 is associated with a poor prognosis in breast cancer: adding to the complexity of breast cancer cell response to retinoic acid. Molecular Cancer, 2015, 14, 129.	7.9	59
33	Long-Term Effect of Docosahexaenoic Acid Feeding on Lipid Composition and Brain Fatty Acid-Binding Protein Expression in Rats. Nutrients, 2015, 7, 8802-8817.	1.7	17
34	Hemifusion of cells using femtosecond laser pulses. Proceedings of SPIE, 2015, , .	0.8	0
35	Loss of the Drosophila melanogaster DEAD box protein Ddx1 leads to reduced size and aberrant gametogenesis. Developmental Biology, 2015, 407, 232-245.	0.9	16
36	Aldehyde dehydrogenase 1A3 influences breast cancer progression via differential retinoic acid signaling. Molecular Oncology, 2015, 9, 17-31.	2.1	102

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37	Abstract POSTER-TECH-1130: Identification of putative genes involved in early steps of epithelial ovarian cancer pathogenesis. , 2015, , .		0
38	Femtosecond laserâ€induced cellâ€cell surgical attachment. Lasers in Surgery and Medicine, 2014, 46, 335-341.	1.1	9
39	Ectopic expression of transcription factor APâ€2Î´ in developing retina: effect on PSAâ€NCAM and axon routing. Journal of Neurochemistry, 2014, 129, 72-84.	2.1	12
40	Transcription factor APâ€2delta regulates the expression of polysialyltransferase ST8SIA2 in chick retina. FEBS Letters, 2014, 588, 770-775.	1.3	3
41	Abstract 3395: Role of the activating protein 2 transcription factor in regulating cell invasion and migration in malignant glioma. , 2014, , .		0
42	Reelin-Disabled-1 signaling in neuronal migration: splicing takes the stage. Cellular and Molecular Life Sciences, 2013, 70, 2319-2329.	2.4	39
43	Characterisation of retinoblastomas without RB1 mutations: genomic, gene expression, and clinical studies. Lancet Oncology, The, 2013, 14, 327-334.	5.1	304
44	Calcineurin Regulates Nuclear Factor I Dephosphorylation and Activity in Malignant Glioma Cell Lines. Journal of Biological Chemistry, 2013, 288, 24104-24115.	1.6	16
45	Interaction of brain fatty acid-binding protein with the polyunsaturated fatty acid environment as a potential determinant of poor prognosis in malignant glioma. Progress in Lipid Research, 2013, 52, 562-570.	5.3	48
46	DEAD Box Protein DDX1 Regulates Cytoplasmic Localization of KSRP. PLoS ONE, 2013, 8, e73752.	1.1	12
47	Splice-Mediated Motif Switching Regulates Disabled-1 Phosphorylation and SH2 Domain Interactions. Molecular and Cellular Biology, 2012, 32, 2794-2808.	1.1	19
48	Regulation of the FABP7 gene by PAX6 in malignant glioma cells. Biochemical and Biophysical Research Communications, 2012, 422, 482-487.	1.0	18
49	A fatty acidâ€binding protein 7/RXRÎ² pathway enhances survival and proliferation in tripleâ€negative breast cancer. Journal of Pathology, 2012, 228, 310-321.	2.1	51
50	Association of FABP5 Expression With Poor Survival in Triple-Negative Breast Cancer. American Journal of Pathology, 2011, 178, 997-1008.	1.9	136
51	BLBP-expression in astrocytes during experimental demyelination and in human multiple sclerosis lesions. Brain, Behavior, and Immunity, 2011, 25, 1554-1568.	2.0	69
52	Disabled-1 Alternative Splicing in Human Fetal Retina and Neural Tumors. PLoS ONE, 2011, 6, e28579.	1.1	14
53	Serine phosphorylation regulates disabled-1 early isoform turnover independently of Reelin. Cellular Signalling, 2011, 23, 555-565.	1.7	4
54	DEAD box 1: a novel and independent prognostic marker for early recurrence in breast cancer. Breast Cancer Research and Treatment, 2011, 127, 53-63.	1.1	57

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55	AP2 transcription factor induces apoptosis in retinoblastoma cells. Genes Chromosomes and Cancer, 2010, 49, 819-830.	1.5	20
56	Fatty acid binding proteins in brain development and disease. International Journal of Developmental Biology, 2010, 54, 1229-1239.	0.3	132
57	Brain Fatty Acid-binding Protein and Ï‰-3/Ï‰-6 Fatty Acids. Journal of Biological Chemistry, 2010, 285, 37005-37015.	1.6	87
58	The Early Isoform of Disabled-1 Functions Independently of Reelin-Mediated Tyrosine Phosphorylation in Chick Retina. Molecular and Cellular Biology, 2010, 30, 4339-4353.	1.1	14
59	Differential CRX and OTX2 expression in human retina and retinoblastoma. Journal of Neurochemistry, 2009, 111, 250-263.	2.1	71
60	Nuclear Factor I Regulates Brain Fatty Acid-Binding Protein and Glial Fibrillary Acidic Protein Gene Expression in Malignant Glioma Cell Lines. Journal of Molecular Biology, 2009, 391, 282-300.	2.0	56
61	Expression of APâ€2Î´ in the developing chick retina. Developmental Dynamics, 2008, 237, 3210-3221.	0.8	12
62	A novel fatty acid-binding protein (FABP) gene resulting from tandem gene duplication in mammals: transcription in rat retina and testis. Genomics, 2008, 92, 436-445.	1.3	111
63	A Role for DEAD Box 1 at DNA Double-Strand Breaks. Molecular and Cellular Biology, 2008, 28, 6413-6425.	1.1	90
64	Evolutionary conservation of alternative splicing in chicken. Cytogenetic and Genome Research, 2007, 117, 146-157.	0.6	11
65	Hierarchical Disabled-1 Tyrosine Phosphorylation in Src family Kinase Activation and Neurite Formation. Journal of Molecular Biology, 2007, 368, 349-364.	2.0	11
66	B-FABP-Expressing Radial Glial Cells: The Malignant Glioma Cell of Origin?. Neoplasia, 2007, 9, 734-IN27.	2.3	67
67	Role of DEAD box 1 in retinoblastoma and neuroblastoma. Future Oncology, 2007, 3, 575-587.	1.1	30
68	FABP7 expression in glioblastomas: relation to prognosis, invasion and EGFR status. Journal of Neuro-Oncology, 2007, 84, 245-248.	1.4	73
69	Dynamic Nature of Cleavage Bodies and Their Spatial Relationship to DDX1 Bodies, Cajal Bodies, and Gems. Molecular Biology of the Cell, 2006, 17, 1126-1140.	0.9	50
70	CECR2, a protein involved in neurulation, forms a novel chromatin remodeling complex with SNF2L. Human Molecular Genetics, 2005, 14, 513-524.	1.4	135
71	Second report on chicken genes and chromosomes 2005. Cytogenetic and Genome Research, 2005, 109, 415-479.	0.6	136
72	Alternative splicing modulates Disabled-1 (Dab1) function in the developing chick retina. EMBO Journal, 2004, 23, 1878-1888.	3.5	37

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73	A DEAD box protein facilitates HIV-1 replication as a cellular co-factor of Rev. Virology, 2004, 330, 471-480.	1.1	147
74	Isolation of a novel cDNA enriched in the undifferentiated chick retina and lens. Developmental Dynamics, 2003, 227, 409-415.	0.8	6
75	The Simpson-Golabi-Behmel gene,GPC3, is not involved in sporadic Wilms tumorigenesis. American Journal of Medical Genetics Part A, 2003, 122A, 30-36.	2.4	12
76	Leiomyosarcoma of the Bladder in a Retinoblastoma Patient. Urologia Internationalis, 2003, 71, 118-121.	0.6	18
77	Expression of Spermidine/Spermine N1-Acetyltransferase in the MÃ¼ller Glial Cells of the Developing Chick Retina. Experimental Eye Research, 2002, 74, 605-613.	1.2	3
78	Cloning and expression analysis of the chicken DEAD box gene DDX1. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1574, 63-71.	2.4	11
79	Differential Regulation of the Aldehyde Dehydrogenase 1 Gene in Embryonic Chick Retina and Liver. Journal of Biological Chemistry, 2001, 276, 32896-32904.	1.6	8
80	Association of Human DEAD Box Protein DDX1 with a Cleavage Stimulation Factor Involved in 3â€²-End Processing of Pre-mRNA. Molecular Biology of the Cell, 2001, 12, 3046-3059.	0.9	72
81	Regulation of Brain Fatty Acid-binding Protein Expression by Differential Phosphorylation of Nuclear Factor I in Malignant Glioma Cell Lines. Journal of Biological Chemistry, 2000, 275, 30668-30676.	1.6	46
82	Chromosomal localization of the genes encoding ALDH, BMP-2, R-FABP, IFN-Î³, RXR-Î³, and VIM in chicken by fluorescence in situ hybridization. Cytogenetic and Genome Research, 2000, 88, 266-271.	0.6	15
83	Crystal Structure and Thermodynamic Analysis of Human Brain Fatty Acid-binding Protein. Journal of Biological Chemistry, 2000, 275, 27045-27054.	1.6	151
84	Differential expression of AP-2? and AP-2? in the developing chick retina: Repression ofR-FABP promoter activity by AP-2. , 1999, 214, 195-206.		40
85	Application of Comparative Genomic Hybridization, Spectral Karyotyping, and Microarray Analysis in the Identification of Subtype-Specific Patterns of Genomic Changes in Rhabdomyosarcoma. Neoplasia, 1999, 1, 262-275.	2.3	76
86	Correlation of B-FABP and GFAP expression in malignant glioma. Oncogene, 1998, 16, 1955-1962.	2.6	74
87	Overexpression of a DEAD Box Protein (DDX1) in Neuroblastoma and Retinoblastoma Cell Lines. Journal of Biological Chemistry, 1998, 273, 21161-21168.	1.6	76
88	Comparative genomic hybridization analysis of Y79 and FISH mapping indicate the amplified human mitochondrial ATP synthase Î±-subunit gene (ATP5A) maps to chromosome 18q12â†'q21. Cytogenetic and Genome Research, 1997, 77, 253-256.	0.6	9
89	Involvement of AP-2 in Regulation of the R-FABP Gene in the Developing Chick Retina. Molecular and Cellular Biology, 1997, 17, 5935-5945.	1.1	23
90	Relational mapping ofMYCN andDDX1 in band 2p24 and analysis of amplicon arrays in double minute chromosomes and homogeneously staining regions by use of free chromatin FISH. , 1997, 20, 243-252.		22

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91	Elevated levels of cyclin D1 mRNA in the undifferentiated chick retina. Gene, 1996, 182, 111-115.	1.0	9
92	Identification by subtractive hybridization of a spectrum of novel and unexpected genes associated with in vitro differentiation of human cytotrophoblast cells. Placenta, 1996, 17, 431-441.	0.7	61
93	Localization of cytosolic aldehyde dehydrogenase in the developing chick retina: In situ hybridization and immunohistochemical analyses. , 1996, 205, 319-331.		32
94	Mitochondrial ATP synthase Î±-subunit gene amplified in a retinoblastoma cell line maps to chromosome 18. Genes Chromosomes and Cancer, 1995, 14, 63-67.	1.5	6
95	Absence of p350 subunit of DNA-activated protein kinase from a radiosensitive human cell line. Science, 1995, 267, 1183-1185.	6.0	502
96	Localization of a fatty acid binding protein and its transcript in the developing chick retina. Experimental Eye Research, 1995, 60, 645-657.	1.2	20
97	A human DEAD box protein with partial homology to heterogeneous nuclear ribonucleoprotein U. Gene, 1994, 138, 243-245.	1.0	24
98	Identification and Characterization of Transcripts Present at Elevated Levels in the Undifferentiated Chick Retina. Experimental Eye Research, 1993, 56, 95-106.	1.2	44
99	Amplification of the gene encoding the Î±-subunit of the mitochondrial ATP synthase complex in a human retinoblastoma cell line. Gene, 1993, 123, 195-201.	1.0	12
100	Amplification of a DEAD box protein gene in retinoblastoma cell lines.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7578-7582.	3.3	92
101	High levels of aldehyde dehydrogenase transcripts in the undifferentiated chickretina. Experimental Eye Research, 1992, 54, 297-305.	1.2	38
102	Utilization of the second polyadenylation signal at the 3â€² end of the chicken carbonic anhydrase II gene. Nucleic Acids Research, 1990, 18, 1049-1049.	6.5	3
103	The ontogeny of alpha-fetoprotein gene expression in the mouse gastrointestinal tract.. Journal of Cell Biology, 1990, 110, 915-927.	2.3	72
104	Tissue-specific transcription of the mouse alpha-fetoprotein gene promoter is dependent on HNF-1.. Molecular and Cellular Biology, 1989, 9, 4204-4212.	1.1	140
105	The Developmental Regulation of Albumin and Î±-Fetoprotein Gene Expression. Progress in Molecular Biology and Translational Science, 1989, 36, 131-143.	1.9	24
106	Configuration of the alpha-fetoprotein regulatory domain during development.. Genes and Development, 1988, 2, 949-956.	2.7	43
107	Fine-structure mapping of the three mouse alpha-fetoprotein gene enhancers.. Molecular and Cellular Biology, 1988, 8, 1169-1178.	1.1	162
108	Multiple regulatory elements in the intergenic region between the alpha-fetoprotein and albumin genes.. Molecular and Cellular Biology, 1986, 6, 477-487.	1.1	230

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109	Characterization of a stable, anchorage-dependent clone obtained from a spontaneously transformed mouse cell line. In Vitro, 1984, 20, 479-485.	1.2	4
110	Isochromosome 6p, a unique chromosomal abnormality in retinoblastoma: Verification by standard staining techniques, new densitometric methods, and somatic cell hybridization. Human Genetics, 1984, 66, 46-53.	1.8	90
111	Somatic inactivation of genes on chromosome 13 is a common event in retinoblastoma. Nature, 1983, 304, 451-453.	13.7	227
112	Expression of recessive alleles by chromosomal mechanisms in retinoblastoma. Nature, 1983, 305, 779-784.	13.7	1,913
113	Adenovirus-12 genes undetectable in human retinoblastoma. International Journal of Cancer, 1982, 30, 697-700.	2.3	13
114	Tissue and species-specific effects of small molecular weight nuclear RNA's on transcription in isolated mammalian nuclei. Canadian Journal of Biochemistry, 1981, 59, 343-352.	1.4	9