

Erica A Golemis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8913145/publications.pdf>

Version: 2024-02-01

220
papers

15,243
citations

14614

66
h-index

20900

115
g-index

228
all docs

228
docs citations

228
times ranked

16524
citing authors

#	ARTICLE	IF	CITATIONS
1	Cdi1, a human G1 and S phase protein phosphatase that associates with Cdk2. <i>Cell</i> , 1993, 75, 791-803.	13.5	1,560
2	HEF1-Dependent Aurora A Activation Induces Disassembly of the Primary Cilium. <i>Cell</i> , 2007, 129, 1351-1363.	13.5	759
3	Interactions among members of the Bcl-2 protein family analyzed with a yeast two-hybrid system.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 9238-9242.	3.3	565
4	Correlation of Two-Hybrid Affinity Data with In Vitro Measurements. <i>Molecular and Cellular Biology</i> , 1995, 15, 5820-5829.	1.1	537
5	Defects in DNA Repair Genes Predict Response to Neoadjuvant Cisplatin-based Chemotherapy in Muscle-invasive Bladder Cancer. <i>European Urology</i> , 2015, 68, 959-967.	0.9	395
6	Aurora A kinase (AURKA) in normal and pathological cell division. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 661-687.	2.4	349
7	The Tuberous Sclerosis 2 Gene Product, Tuberin, Functions as a Rab5 GTPase Activating Protein (GAP) in Modulating Endocytosis. <i>Journal of Biological Chemistry</i> , 1997, 272, 6097-6100.	1.6	321
8	Integrin signalling: a new Cas(t) of characters enters the stage. <i>Trends in Cell Biology</i> , 2000, 10, 111-119.	3.6	280
9	MED1, a novel human methyl-CpG-binding endonuclease, interacts with DNA mismatch repair protein MLH1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 3969-3974.	3.3	239
10	Mutation of the core or adjacent LVB elements of the Moloney murine leukemia virus enhancer alters disease specificity.. <i>Genes and Development</i> , 1990, 4, 233-242.	2.7	232
11	Human Enhancer of Filamentation 1, a Novel p130 ^{cas} -Like Docking Protein, Associates with Focal Adhesion Kinase and Induces Pseudohyphal Growth in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1996, 16, 3327-3337.	1.1	229
12	Musashi RNA-Binding Proteins as Cancer Drivers and Novel Therapeutic Targets. <i>Clinical Cancer Research</i> , 2017, 23, 2143-2153.	3.2	215
13	Association of Krev-1/rap1a with Krit1, a novel ankyrin repeat-containing protein encoded by a gene mapping to 7q21-22. <i>Oncogene</i> , 1997, 15, 1043-1049.	2.6	213
14	The focal adhesion scaffolding protein HEF1 regulates activation of the Aurora-A and Nek2 kinases at the centrosome. <i>Nature Cell Biology</i> , 2005, 7, 937-946.	4.6	210
15	Identification of a chromosome 3p14.3-21.1 gene, APPL, encoding an adaptor molecule that interacts with the oncoprotein-serine/threonine kinase AKT2. <i>Oncogene</i> , 1999, 18, 4891-4898.	2.6	190
16	KRIT1 association with the integrin-binding protein ICAP-1: a new direction in the elucidation of cerebral cavernous malformations (CCM1) pathogenesis. <i>Human Molecular Genetics</i> , 2002, 11, 389-396.	1.4	176
17	Primary Cilia and the Cell Cycle. <i>Methods in Cell Biology</i> , 2009, 94, 137-160.	0.5	174
18	HEF1 is a necessary and specific downstream effector of FAK that promotes the migration of glioblastoma cells. <i>Oncogene</i> , 2006, 25, 1721-1732.	2.6	173

#	ARTICLE	IF	CITATIONS
19	CAS proteins in normal and pathological cell growth control. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1025-1048.	2.4	172
20	AH/PH Domain-Mediated Interaction between Akt Molecules and Its Potential Role in Akt Regulation. <i>Molecular and Cellular Biology</i> , 1995, 15, 2304-2310.	1.1	160
21	Fibroblast-derived 3D matrix differentially regulates the growth and drug-responsiveness of human cancer cells. <i>Matrix Biology</i> , 2008, 27, 573-585.	1.5	157
22	Cell Cycle-Dependent Ciliogenesis and Cancer. <i>Cancer Research</i> , 2008, 68, 2058-2061.	0.4	157
23	Ciliary signalling in cancer. <i>Nature Reviews Cancer</i> , 2018, 18, 511-524.	12.8	148
24	Oncogenic EWS-Fli1 interacts with hSRP7, a subunit of human RNA polymerase II. <i>Oncogene</i> , 1998, 17, 603-610.	2.6	141
25	Calmodulin activation of Aurora-A kinase (AURKA) is required during ciliary disassembly and in mitosis. <i>Molecular Biology of the Cell</i> , 2012, 23, 2658-2670.	0.9	141
26	Inhibitors of Ras/Raf-1 interaction identified by two-hybrid screening revert Ras-dependent transformation phenotypes in human cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14398-14403.	3.3	140
27	ArgBP2, a Multiple Src Homology 3 Domain-containing, Arg/Abl-interacting Protein, Is Phosphorylated in v-Abl-transformed Cells and Localized in Stress Fibers and Cardiocyte Z-disks. <i>Journal of Biological Chemistry</i> , 1997, 272, 17542-17550.	1.6	132
28	Synthetic Lethal Screen of an EGFR-Centered Network to Improve Targeted Therapies. <i>Science Signaling</i> , 2010, 3, ra67.	1.6	131
29	Comprehensive characterization of RAS mutations in colon and rectal cancers in old and young patients. <i>Nature Communications</i> , 2019, 10, 3722.	5.8	131
30	Musashi-2 (MSI2) supports TGF- β signaling and inhibits claudins to promote non-small cell lung cancer (NSCLC) metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6955-6960.	3.3	120
31	NEDD9 Promotes Oncogenic Signaling in Mammary Tumor Development. <i>Cancer Research</i> , 2009, 69, 7198-7206.	0.4	117
32	Comprehensive Genomic Landscapes in Early and Later Onset Colorectal Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 5852-5858.	3.2	116
33	The hallmarks of cancer: relevance to the pathogenesis of polycystic kidney disease. <i>Nature Reviews Nephrology</i> , 2015, 11, 515-534.	4.1	115
34	The Related Adhesion Focal Tyrosine Kinase Differentially Phosphorylates p130Cas and the Cas-like Protein, p105HEF1. <i>Journal of Biological Chemistry</i> , 1997, 272, 19719-19724.	1.6	110
35	Uses of lacZ to Study Gene Function: Evaluation of β -Galactosidase Assays Employed in the Yeast Two-Hybrid System. <i>Analytical Biochemistry</i> , 2000, 285, 1-15.	1.1	108
36	Involvement of p130Cas and p105HEF1, a Novel Cas-like Docking Protein, in a Cytoskeleton-dependent Signaling Pathway Initiated by Ligation of Integrin or Antigen Receptor on Human B Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 4230-4236.	1.6	106

#	ARTICLE	IF	CITATIONS
37	Molecular mechanisms of the preventable causes of cancer in the United States. <i>Genes and Development</i> , 2018, 32, 868-902.	2.7	105
38	Simian virus 40 large T antigen targets the spindle assembly checkpoint protein Bub1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 947-952.	3.3	102
39	Cell Cycle-Regulated Processing of HEF1 to Multiple Protein Forms Differentially Targeted to Multiple Subcellular Compartments. <i>Molecular and Cellular Biology</i> , 1998, 18, 3540-3551.	1.1	101
40	POLD1: Central mediator of DNA replication and repair, and implication in cancer and other pathologies. <i>Gene</i> , 2016, 590, 128-141.	1.0	98
41	Molecular basis for HEF1/NEDD9/Cas-L action as a multifunctional co-ordinator of invasion, apoptosis and cell cycle. <i>Cell Biochemistry and Biophysics</i> , 2007, 48, 54-72.	0.9	97
42	The extracellular matrix and ciliary signaling. <i>Current Opinion in Cell Biology</i> , 2012, 24, 652-661.	2.6	97
43	A New Central Scaffold for Metastasis: Parsing HEF1/Cas-L/NEDD9. <i>Cancer Research</i> , 2007, 67, 8975-8979.	0.4	96
44	Cholesterol Pathway Inhibition Induces TGF- β 2 Signaling to Promote Basal Differentiation in Pancreatic Cancer. <i>Cancer Cell</i> , 2020, 38, 567-583.e11.	7.7	91
45	Aurora kinase A mediates epithelial ovarian cancer cell migration and adhesion. <i>Oncogene</i> , 2014, 33, 539-549.	2.6	90
46	Differential Signaling after β 1 Integrin Ligation Is Mediated Through Binding of CRKL to p120 and p110. <i>Journal of Biological Chemistry</i> , 1997, 272, 14320-14326.	1.6	89
47	A Two-hybrid Dual Bait System to Discriminate Specificity of Protein Interactions. <i>Journal of Biological Chemistry</i> , 1999, 274, 17080-17087.	1.6	88
48	Chemotherapy and signaling. <i>Cancer Biology and Therapy</i> , 2010, 10, 839-853.	1.5	88
49	HEF1, a novel target of Wnt signaling, promotes colonic cell migration and cancer progression. <i>Oncogene</i> , 2011, 30, 2633-2643.	2.6	86
50	Identification of the RNA polymerase II subunit hSRP7 as a novel target of the von Hippel-Lindau protein. <i>EMBO Journal</i> , 2003, 22, 4249-4259.	3.5	83
51	Matrix-regulated integrin β 5 maintains β 1-dependent desmoplastic traits prognostic of neoplastic recurrence. <i>ELife</i> , 2017, 6, .	2.8	82
52	Focal adhesion kinase regulates β 1 integrin-dependent T cell migration through an HEF1 effector pathway. <i>European Journal of Immunology</i> , 2001, 31, 1417-1427.	1.6	81
53	Dissection of HEF1-dependent functions in motility and transcriptional regulation. <i>Journal of Cell Science</i> , 2002, 115, 99-111.	1.2	81
54	The Docking Protein HEF1 Is an Apoptotic Mediator at Focal Adhesion Sites. <i>Molecular and Cellular Biology</i> , 2000, 20, 5184-5195.	1.1	80

#	ARTICLE	IF	CITATIONS
55	Using the Yeast Interaction Trap and Other Two-Hybrid-Based Approaches to Study Protein-Protein Interactions. <i>Methods</i> , 2001, 24, 201-217.	1.9	79
56	HEF1-Aurora A Interactions: Points of Dialog between the Cell Cycle and Cell Attachment Signaling Networks. <i>Cell Cycle</i> , 2006, 5, 384-391.	1.3	79
57	A Novel RING Finger Protein, Human Enhancer of Invasion 10, Alters Mitotic Progression through Regulation of Cyclin B Levels. <i>Molecular and Cellular Biology</i> , 2003, 23, 2109-2122.	1.1	78
58	Mechanisms of tumor resistance to EGFR-targeted therapies. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 339-362.	1.5	77
59	Rapid calcium-dependent activation of Aurora-A kinase. <i>Nature Communications</i> , 2010, 1, 64.	5.8	74
60	A novel ability of Smad3 to regulate proteasomal degradation of a Cas family member HEF1. <i>EMBO Journal</i> , 2000, 19, 6759-6769.	3.5	73
61	Proteolysis of the Docking Protein HEF1 and Implications for Focal Adhesion Dynamics. <i>Molecular and Cellular Biology</i> , 2001, 21, 5094-5108.	1.1	73
62	Targeting EGFR resistance networks in head and neck cancer. <i>Cellular Signalling</i> , 2009, 21, 1255-1268.	1.7	72
63	The role of the cilium in normal and abnormal cell cycles: emphasis on renal cystic pathologies. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1849-1874.	2.4	70
64	Dissection of HEF1-dependent functions in motility and transcriptional regulation. <i>Journal of Cell Science</i> , 2002, 115, 99-111.	1.2	70
65	Evidence that Dim1 associates with proteins involved in pre-mRNA splicing, and delineation of residues essential for Dim1 interactions with hnRNP F and Npw38/PQBP-1. <i>Gene</i> , 2000, 257, 33-43.	1.0	68
66	A Novel Cas Family Member, HEPL, Regulates FAK and Cell Spreading. <i>Molecular Biology of the Cell</i> , 2008, 19, 1627-1636.	0.9	68
67	Endogenous Sterol Metabolites Regulate Growth of EGFR/KRAS-Dependent Tumors via LXR. <i>Cell Reports</i> , 2015, 12, 1927-1938.	2.9	67
68	The continued evolution of two-hybrid screening approaches in yeast: how to outwit different preys with different baits. <i>Gene</i> , 2000, 250, 1-14.	1.0	66
69	NEDD9 and BCAR1 Negatively Regulate E-Cadherin Membrane Localization, and Promote E-Cadherin Degradation. <i>PLoS ONE</i> , 2011, 6, e22102.	1.1	66
70	Aurora A kinase activity influences calcium signaling in kidney cells. <i>Journal of Cell Biology</i> , 2011, 193, 1021-1032.	2.3	66
71	Genomic insights into head and neck cancer. <i>Cancers of the Head & Neck</i> , 2016, 1, .	6.2	65
72	Approaches to Detecting False Positives in Yeast Two-Hybrid Systems. <i>BioTechniques</i> , 2000, 28, 328-336.	0.8	64

#	ARTICLE	IF	CITATIONS
73	Selective Raf inhibition in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1587-1609.	1.5	63
74	Targeting C4-Demethylating Genes in the Cholesterol Pathway Sensitizes Cancer Cells to EGF Receptor Inhibitors via Increased EGF Receptor Degradation. <i>Cancer Discovery</i> , 2013, 3, 96-111.	7.7	58
75	Preclinical and clinical studies of the NEDD9 scaffold protein in cancer and other diseases. <i>Gene</i> , 2015, 567, 1-11.	1.0	57
76	Analysis of the Interaction of the Novel RNA Polymerase II (pol II) Subunit hsRPB4 with Its Partner hsRPB7 and with pol II. <i>Molecular and Cellular Biology</i> , 1998, 18, 1935-1945.	1.1	56
77	Deregulation of HEF1 Impairs M-Phase Progression by Disrupting the RhoA Activation Cycle. <i>Molecular Biology of the Cell</i> , 2006, 17, 1204-1217.	0.9	56
78	Screening of Conditionally Reprogrammed Patient-Derived Carcinoma Cells Identifies ERCC3 as a MYC Interactions as a Target in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 6153-6163.	3.2	56
79	Interdependence of cell attachment and cell cycle signaling. <i>Current Opinion in Cell Biology</i> , 2006, 18, 507-515.	2.6	55
80	Aurora kinases in head and neck cancer. <i>Lancet Oncology</i> , The, 2013, 14, e425-e435.	5.1	55
81	Computational and Experimental Analyses Reveal Previously Undetected Coding Exons of the KRIT1 (CCM1) Gene. <i>Genomics</i> , 2001, 71, 123-126.	1.3	52
82	Defects in DNA Repair Genes Confer Improved Long-term Survival after Cisplatin-based Neoadjuvant Chemotherapy for Muscle-invasive Bladder Cancer. <i>European Urology Oncology</i> , 2020, 3, 544-547.	2.6	52
83	Combined Aurora Kinase A (AURKA) and WEE1 Inhibition Demonstrates Synergistic Antitumor Effect in Squamous Cell Carcinoma of the Head and Neck. <i>Clinical Cancer Research</i> , 2019, 25, 3430-3442.	3.2	51
84	CAS proteins in health and disease: An update. <i>IUBMB Life</i> , 2014, 66, 387-395.	1.5	50
85	Activation of p21-activated kinase 1-nuclear factor kappaB signaling by Kaposi's sarcoma-associated herpes virus G protein-coupled receptor during cellular transformation. <i>Cancer Research</i> , 2003, 63, 8837-47.	0.4	49
86	Cilia and cilia-associated proteins in cancer. <i>Drug Discovery Today Disease Mechanisms</i> , 2013, 10, e135-e142.	0.8	48
87	Dimerization of the Docking/Adaptor Protein HEF1 via a Carboxy-Terminal Helix-Loop-Helix Domain. <i>Experimental Cell Research</i> , 1999, 252, 224-235.	1.2	47
88	The GDP Exchange Factor AND-34 Is Expressed in B Cells, Associates With HEF1, and Activates Cdc42. <i>Journal of Immunology</i> , 2003, 170, 969-978.	0.4	47
89	Anti-IL-4/Allergic Hormone Signaling Regulates Epithelial Plasticity and Chemoresistance in Lung Cancer. <i>Cell Reports</i> , 2016, 16, 657-671.	2.9	47
90	Network Analysis Identifies an HSP90-Central Hub Susceptible in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 5053-5067.	3.2	45

#	ARTICLE	IF	CITATIONS
91	Inhibiting the HSP90 chaperone slows cyst growth in a mouse model of autosomal dominant polycystic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12786-12791.	3.3	45
92	The Centrosomal Kinase Plk1 Localizes to the Transition Zone of Primary Cilia and Induces Phosphorylation of Nephrocystin-1. <i>PLoS ONE</i> , 2012, 7, e38838.	1.1	44
93	Alternative Yeast Two-Hybrid Systems: The Interaction Trap and Interaction Mating. , 1997, 63, 197-218.		42
94	EGFR and RB1 as Dual Biomarkers in HPV-Negative Head and Neck Cancer. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2486-2497.	1.9	42
95	Mechanisms for nonmitotic activation of Aurora-A at cilia. <i>Biochemical Society Transactions</i> , 2017, 45, 37-49.	1.6	41
96	Association of the Cas-like Molecule HEF1 with CrkL Following Integrin and Antigen Receptor Signaling in Human B-Cells: Potential Relevance to Neoplastic Lymphohematopoietic Cells. <i>Leukemia and Lymphoma</i> , 1997, 28, 65-72.	0.6	40
97	NSD1- and NSD2-damaging mutations define a subset of laryngeal tumors with favorable prognosis. <i>Nature Communications</i> , 2017, 8, 1772.	5.8	40
98	Two-Hybrid System and False Positives: Approaches to Detection and Elimination. , 2001, 177, 123-134.		39
99	The retinoic acid inducible Cas-family signaling protein Nedd9 regulates neural crest cell migration by modulating adhesion and actin dynamics. <i>Neuroscience</i> , 2009, 162, 1106-1119.	1.1	38
100	Enhanced Genetic Instability and Dasatinib Sensitivity in Mammary Tumor Cells Lacking NEDD9. <i>Cancer Research</i> , 2010, 70, 8907-8916.	0.4	38
101	Relationship of increased aurora kinase A gene copy number, prognosis and response to chemotherapy in patients with metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2012, 106, 748-755.	2.9	38
102	Adaptors for disorders of the brain? The cancer signaling proteins NEDD9, CASS4, and PTK2B in Alzheimer's disease. <i>Oncoscience</i> , 2014, 1, 486-503.	0.9	38
103	A Synthetic Lethality Screen Using a Focused siRNA Library to Identify Sensitizers to Dasatinib Therapy for the Treatment of Epithelial Ovarian Cancer. <i>PLoS ONE</i> , 2015, 10, e0144126.	1.1	36
104	Combined inhibition of Aurora A and p21-activated kinase 1 as a new treatment strategy in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 369-382.	1.1	36
105	Targeting the Epidermal Growth Factor Receptor in EGFR-Mutated Lung Cancer: Current and Emerging Therapies. <i>Cancers</i> , 2021, 13, 3164.	1.7	35
106	The Ankyrin Repeat-containing Adaptor Protein Tvl-1 Is a Novel Substrate and Regulator of Raf-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 14706-14715.	1.6	34
107	Detection of Peptides, Proteins, and Drugs That Selectively Interact With Protein Targets. <i>Genome Research</i> , 2002, 12, 1785-1791.	2.4	34
108	X- and Y-Linked Chromatin-Modifying Genes as Regulators of Sex-Specific Cancer Incidence and Prognosis. <i>Clinical Cancer Research</i> , 2020, 26, 5567-5578.	3.2	33

#	ARTICLE	IF	CITATIONS
109	HEI10 negatively regulates cell invasion by inhibiting cyclin B/Cdk1 and other promotility proteins. <i>Oncogene</i> , 2007, 26, 4825-4832.	2.6	32
110	Ganetespib limits ciliation and cystogenesis in autosomalâ€ˆdominant polycystic kidney disease (ADPKD). <i>FASEB Journal</i> , 2018, 32, 2735-2746.	0.2	32
111	DUSP6 regulates drug sensitivity by modulating DNA damage response. <i>British Journal of Cancer</i> , 2013, 109, 1063-1071.	2.9	31
112	Genetic Variants That Predispose to DNA Double-Strand Breaks in Lymphocytes From a Subset of Patients With Familial Colorectal Carcinomas. <i>Gastroenterology</i> , 2015, 149, 1872-1883.e9.	0.6	31
113	Protein-intrinsic and signaling network-based sources of resistance to EGFR- and ErbB family-targeted therapies in head and neck cancer. <i>Drug Resistance Updates</i> , 2011, 14, 260-279.	6.5	30
114	Analysis of Small GTPase Signaling Pathways Using p21-activated Kinase Mutants That Selectively Couple to Cdc42. <i>Journal of Biological Chemistry</i> , 2001, 276, 40606-40613.	1.6	29
115	In vitro and in vivo synergy of MCP compounds with mitogen-activated protein kinase pathwayâ€ˆ and microtubule-targeting inhibitors. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 898-906.	1.9	29
116	Quantification of Excision Repair Cross-Complementing Group 1 and Survival in p16-Negative Squamous Cell Head and Neck Cancers. <i>Clinical Cancer Research</i> , 2013, 19, 6633-6643.	3.2	29
117	Acquisition of estrogen independence induces TOB1-related mechanisms supporting breast cancer cell proliferation. <i>Oncogene</i> , 2016, 35, 1643-1656.	2.6	29
118	A Novel HSP90 Inhibitorâ€ˆDrug Conjugate to SN38 Is Highly Effective in Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 5120-5129.	3.2	28
119	Association of <i>T</i> and <i>P53</i> and <i>CDKN2A</i> Mutation Profile with Tumor Mutation Burden in Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 1925-1937.	3.2	28
120	A functional association between merlin and HEI10, a cell cycle regulator. <i>Oncogene</i> , 2006, 25, 4389-4398.	2.6	27
121	Resolving the network of cell signaling pathways using the evolving yeast two-hybrid system. <i>BioTechniques</i> , 2008, 44, 655-662.	0.8	27
122	Dual inhibition of SRC and Aurora kinases induces postmitotic attachment defects and cell death. <i>Oncogene</i> , 2012, 31, 1217-1227.	2.6	27
123	<i>Nedd9</i> restrains renal cystogenesis in <i>Pkd1</i> ^{+/+} mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12859-12864.	3.3	27
124	Autoinhibited proteins as promising drug targets. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 68-73.	1.2	26
125	Bioinformatic approaches to augment study of epithelial-to-mesenchymal transition in lung cancer. <i>Physiological Genomics</i> , 2014, 46, 699-724.	1.0	26
126	[2] LexA-based two-hybrid systems. <i>Methods in Enzymology</i> , 2000, 328, 14-26.	0.4	25

#	ARTICLE	IF	CITATIONS
127	Identification and Characterization of Putative Tumor Suppressor NGB, a GTP-Binding Protein That Interacts with the Neurofibromatosis 2 Protein. <i>Molecular and Cellular Biology</i> , 2007, 27, 2103-2119.	1.1	25
128	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Cell Biology</i> , 2011, 53, Unit 17.3..	2.3	25
129	The evolutionarily conserved Dim1 protein defines a novel branch of the thioredoxin fold superfamily. <i>Physiological Genomics</i> , 1999, 1, 109-118.	1.0	24
130	Streamlined Yeast Colorimetric Reporter Activity Assays Using Scanners and Plate Readers. <i>BioTechniques</i> , 2000, 29, 278-288.	0.8	24
131	Redefinition of the Yeast Two-Hybrid System in Dialogue with Changing Priorities in Biological Research. <i>BioTechniques</i> , 2001, 30, 634-655.	0.8	24
132	A requirement for Nedd9 in luminal progenitor cells prior to mammary tumorigenesis in MMTV-HER2/ErbB2 mice. <i>Oncogene</i> , 2014, 33, 411-420.	2.6	24
133	Comprehensive characterization of PTEN mutational profile in a series of 34,129 colorectal cancers. <i>Nature Communications</i> , 2022, 13, 1618.	5.8	23
134	Embryonal Fyn-associated substrate (EFS) and CASS4: The lesser-known CAS protein family members. <i>Gene</i> , 2015, 570, 25-35.	1.0	22
135	Protein Interaction-Targeted Drug Discovery: Evaluating Critical Issues. <i>BioTechniques</i> , 2002, 32, 636-647.	0.8	21
136	Functional analysis of rare variants in mismatch repair proteins augments results from computation-based predictive methods. <i>Cancer Biology and Therapy</i> , 2017, 18, 519-533.	1.5	21
137	Tumor-Targeted Drug Conjugates as an Emerging Novel Therapeutic Approach in Small Cell Lung Cancer (SCLC). <i>Cancers</i> , 2019, 11, 1297.	1.7	21
138	Disease-Associated Genetic Variation in Human Mitochondrial Protein Import. <i>American Journal of Human Genetics</i> , 2019, 104, 784-801.	2.6	21
139	Proliferative signaling by ERBB proteins and RAF/MEK/ERK effectors in polycystic kidney disease. <i>Cellular Signalling</i> , 2020, 67, 109497.	1.7	21
140	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Neuroscience</i> , 1997, 00, 4.4.1-4.4.36.	2.6	20
141	A Combined Yeast/Bacteria Two-hybrid System. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 819-826.	2.5	20
142	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Molecular Biology</i> , 2008, 82, Unit 20.1.	2.9	20
143	The WW-HECT protein Smurf2 interacts with the Docking Protein NEDD9/HEF1 for Aurora A activation. <i>Cell Division</i> , 2010, 5, 22.	1.1	20
144	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Neuroscience</i> , 2011, 55, Unit 4.4.	2.6	20

#	ARTICLE	IF	CITATIONS
145	Issues in interpreting the <i>in vivo</i> activity of Aurora-A. Expert Opinion on Therapeutic Targets, 2015, 19, 187-200.	1.5	20
146	PPP2R2A prostate cancer haploinsufficiency is associated with worse prognosis and a high vulnerability to B55 α /PP2A reconstitution that triggers centrosome destabilization. Oncogenesis, 2019, 8, 72.	2.1	20
147	NEDD9 promotes oncogenic signaling, a stem/mesenchymal gene signature, and aggressive ovarian cancer growth in mice. Oncogene, 2018, 37, 4854-4870.	2.6	19
148	Synthetic Lethal Targeting of Mitotic Checkpoints in HPV-Negative Head and Neck Cancer. Cancers, 2020, 12, 306.	1.7	19
149	The role of NSD1, NSD2, and NSD3 histone methyltransferases in solid tumors. Cellular and Molecular Life Sciences, 2022, 79, 285.	2.4	19
150	Dcas Supports Cell Polarization and Cell-Cell Adhesion Complexes in Development. PLoS ONE, 2010, 5, e12369.	1.1	18
151	Integrating In Silico Resources to Map a Signaling Network. Methods in Molecular Biology, 2014, 1101, 197-245.	0.4	18
152	Unexpected Activities in Regulating Ciliation Contribute to Off-target Effects of Targeted Drugs. Clinical Cancer Research, 2019, 25, 4179-4193.	3.2	18
153	Musashi-2 (MSI2) regulates epidermal growth factor receptor (EGFR) expression and response to EGFR inhibitors in EGFR-mutated non-small cell lung cancer (NSCLC). Oncogenesis, 2021, 10, 29.	2.1	18
154	Phospho-T356RB1 predicts survival in HPV-negative squamous cell carcinoma of the head and neck. Oncotarget, 2015, 6, 18863-18874.	0.8	18
155	Human Enhancer of Invasion-Cluster, a Coiled-Coil Protein Required for Passage through Mitosis. Molecular and Cellular Biology, 2004, 24, 3957-3971.	1.1	17
156	Prevalence of pathogenic variants in DNA damage response and repair genes in patients undergoing cancer risk assessment and reporting a personal history of early-onset renal cancer. Scientific Reports, 2020, 10, 13518.	1.6	17
157	Comment on "Epidermal Growth Factor Receptor Is Essential for Toll-Like Receptor 3 Signaling". Science Signaling, 2012, 5, lc5.	1.6	15
158	Opposing Effects of Inhibitors of Aurora-A and EGFR in Autosomal-Dominant Polycystic Kidney Disease. Frontiers in Oncology, 2015, 5, 228.	1.3	14
159	Two-hybrid dual bait system to discriminate specificity of protein interactions in small GTPases. Methods in Enzymology, 2001, 332, 277-300.	0.4	13
160	Structure, Stability, and Function of hDim1 Investigated by NMR, Circular Dichroism, and Mutational Analysis. Biochemistry, 2003, 42, 9609-9618.	1.2	13
161	Systematic evaluation of underlying defects in DNA repair as an approach to case-only assessment of familial prostate cancer. Oncotarget, 2015, 6, 39614-39633.	0.8	13
162	Head and neck squamous cell carcinoma: Ambiguous human papillomavirus status, elevated p16, and deleted retinoblastoma 1. Head and Neck, 2017, 39, E34-E39.	0.9	12

#	ARTICLE	IF	CITATIONS
163	Targeted delivery of chemotherapy using HSP90 inhibitor drug conjugates is highly active against pancreatic cancer models. <i>Oncotarget</i> , 2017, 8, 4399-4409.	0.8	12
164	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Cell Biology</i> , 2000, 8, Unit 17.3.	2.3	11
165	Identification of evolutionarily conserved DNA damage response genes that alter sensitivity to cisplatin. <i>Oncotarget</i> , 2017, 8, 19156-19171.	0.8	11
166	Vectors to Target Protein Domains to Different Cellular Compartments. <i>BioTechniques</i> , 1998, 24, 637-640.	0.8	10
167	A ciliary timer for S-phase entry. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 1-1.	16.1	10
168	Inhibiting Heat Shock Protein 90 (HSP90) Limits the Formation of Liver Cysts Induced by Conditional Deletion of Pkd1 in Mice. <i>PLoS ONE</i> , 2014, 9, e114403.	1.1	10
169	HSP90 inhibition downregulates DNA replication and repair genes via E2F1 repression. <i>Journal of Biological Chemistry</i> , 2021, 297, 100996.	1.6	10
170	Delineating the RAS Conformational Landscape. <i>Cancer Research</i> , 2022, 82, 2485-2498.	0.4	10
171	Ligand-free RAR can interact with the RNA polymerase II subunit hsRPB7 and repress transcription. <i>Endocrine</i> , 1999, 10, 281-289.	2.2	9
172	Tumor-targeted SN38 inhibits growth of early stage non-small cell lung cancer (NSCLC) in a KRas/p53 transgenic mouse model. <i>PLoS ONE</i> , 2017, 12, e0176747.	1.1	9
173	Interaction of germline variants in a family with a history of early-onset clear cell renal cell carcinoma. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e556.	0.6	9
174	Interactions between the full complement of human RNA polymerase II subunits. <i>FEBS Letters</i> , 1999, 461, 253-257.	1.3	8
175	Interaction Trap/Two-Hybrid System to Identify Interacting Proteins. <i>Current Protocols in Protein Science</i> , 2009, 57, Unit19.2.	2.8	8
176	TumorNext: A comprehensive tumor profiling assay that incorporates high resolution copy number analysis and germline status to improve testing accuracy. <i>Oncotarget</i> , 2016, 7, 68206-68228.	0.8	8
177	A Two-Hybrid Approach to Identify Inhibitors of the RAS-RAF Interaction. <i>The Enzymes</i> , 2013, 33 Pt A, 213-248.	0.7	7
178	Microscopy-Based Automated Live Cell Screening for Small Molecules That Affect Ciliation. <i>Frontiers in Genetics</i> , 2019, 10, 75.	1.1	7
179	Patterns of Ciliation and Ciliary Signaling in Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 87-105.	0.9	7
180	Nedd9 Restrains Autophagy to Limit Growth of Early Stage Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2021, 81, 3717-3726.	0.4	7

#	ARTICLE	IF	CITATIONS
181	Development of a Yeast Two-Hybrid Screen for Selection of Human Ras-Raf Protein Interaction Inhibitors. <i>Methods in Molecular Biology</i> , 2005, 310, 253-271.	0.4	7
182	From Correlation to Causality: Microarrays, Cancer, and Cancer Treatment. <i>BioTechniques</i> , 2003, 34, S64-S71.	0.8	7
183	A gene expression system offering multiple levels of regulation: the Dual Drug Control (DDC) system. <i>BMC Biotechnology</i> , 2004, 4, 9.	1.7	6
184	Overproduction, purification, crystallization and preliminary X-ray diffraction studies of the human transcription repressor ERH. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 531-533.	0.7	6
185	Evaluation of the Small-molecule BRD4 Degradator CFT-2718 in Small-cell Lung Cancer and Pancreatic Cancer Models. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1367-1377.	1.9	6
186	NEDD9 sustains hexokinase expression to promote glycolysis. <i>Oncogenesis</i> , 2022, 11, 15.	2.1	6
187	Yeast Screens for Inhibitors of Ras-Raf Interaction and Characterization of MCP Inhibitors of Ras-Raf Interaction. <i>Methods in Enzymology</i> , 2006, 407, 612-629.	0.4	5
188	The tumor suppressor FBW 7 controls ciliary length. <i>EMBO Journal</i> , 2015, 34, 2388-2390.	3.5	5
189	Compounds identified by virtual docking to a tetrameric EGFR extracellular domain can modulate Grb2 internalization. <i>BMC Cancer</i> , 2015, 15, 436.	1.1	5
190	Gene Wiki Reviews—Raising the quality and accessibility of information about the human genome. <i>Gene</i> , 2016, 592, 235-238.	1.0	5
191	Prognostic role and biologic features of Musashi-2 expression in colon polyps and during colorectal cancer progression. <i>PLoS ONE</i> , 2021, 16, e0252132.	1.1	5
192	Signal transduction driving technology driving signal transduction: Factors in the design of targeted therapies. <i>Journal of Cellular Biochemistry</i> , 2001, 84, 42-52.	1.2	4
193	6 Yeast Hybrid Approaches. <i>Methods in Microbiology</i> , 2007, , 103-137.	0.4	4
194	A new strategy to ERADicate HER2-positive breast tumors?. <i>Science Signaling</i> , 2015, 8, fs11.	1.6	4
195	Control of ciliation in embryogenesis. <i>Nature Cell Biology</i> , 2015, 17, 109-111.	4.6	4
196	Overproduction, purification, crystallization and preliminary X-ray diffraction studies of the human spliceosomal protein TXNL4B. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 282-284.	0.7	3
197	EGFR Inhibitors as Therapeutic Agents in Head and Neck Cancer. , 2014, , 55-90.		3
198	RNA interference screening methods to identify proliferation determinants and mechanisms of resistance to immune attack. <i>Methods in Enzymology</i> , 2020, 636, 299-322.	0.4	3

#	ARTICLE	IF	CITATIONS
199	Overview: The Pathobiology of Head and Neck Cancer. , 2014, , 1-5.		3
200	Targeting proteins to specific cellular compartments to optimize physiological activity. Methods in Enzymology, 2001, 332, 77-87.	0.4	2
201	An improved method of delivering a sclerosing agent for the treatment of malignant pleural effusion. BMC Cancer, 2019, 19, 614.	1.1	2
202	Abstract 721: Expression of Aurora A and Phospho-Aurora-A is predictive of survival in patients with head and neck cancer. , 2012, , .		2
203	Encroaching genomics: adapting large-scale science to small academic laboratories. Physiological Genomics, 2000, 2, 85-92.	1.0	1
204	Analysis and manipulation of intracellular signaling cascades. Methods, 2004, 32, 347-348.	1.9	1
205	Informatics-guided drug repurposing for Autosomal Dominant Polycystic Kidney Disease (ADPKD). EBioMedicine, 2020, 52, 102628.	2.7	1
206	A Bacterial/Yeast Merged Two-Hybrid System. Methods in Molecular Biology, 2007, 408, 291-315.	0.4	1
207	Targeting the ErbB Family in Head and Neck Cancer. Current Cancer Research, 2018, , 7-61.	0.2	1
208	Protein Interaction-Targeted Drug Discovery. , 2005, , 323-345.		0
209	TACcing on new functions for the TSC2 tumor suppressor. Cell Cycle, 2010, 9, 1231-1240.	1.3	0
210	Aurora A kinase activity influences calcium signaling in kidney cells. Journal of Cell Biology, 2011, 194, 157-157.	2.3	0
211	Taking Snapshots of Ciliary Signaling. Developmental Cell, 2015, 35, 399-400.	3.1	0
212	Reply to Francesco Piva, Matteo Santoni, Marina Scarpelli, et al's Letter to the Editor re: Daniel M. Geynisman. Anti-programmed Cell Death Protein 1 (PD-1) Antibody Nivolumab Leads to a Dramatic and Rapid Response in Papillary Renal Cell Carcinoma with Sarcomatoid and Rhabdoid Features. Eur Urol 2015;68:912-4. European Urology, 2016, 70, e75-e76.	0.9	0
213	NEDD9. , 2017, , 787-793.		0
214	Methods Two-Hybrid Protein-Protein Interactions. , 2021, , 713-716.		0
215	Two-Hybrid Protein-Protein Interactions. , 2004, , 290-293.		0
216	A Bacterial/Yeast Merged Two-Hybrid System. Methods in Molecular Biology, 2007, 408, 257-290.	0.4	0

#	ARTICLE	IF	CITATIONS
217	Enhancer of filamentation 1. Targeted Protein Database, 0, , .	0.0	0
218	RNA Interference Screening to Identify Proliferation Determinants in Breast Cancer Cells. Bio-protocol, 2017, 7, .	0.2	0
219	Identification of the KRIT1 Protein by LexA-Based Yeast Two-Hybrid System. Methods in Molecular Biology, 2020, 2152, 269-289.	0.4	0
220	A retrospective evaluation of a decade of Gene Wiki Reviews and their impact. Gene, 2022, 830, 146534.	1.0	0