

Erica A Golemis

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8913145/erica-a-golemis-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214
papers

12,627
citations

61
h-index

107
g-index

228
ext. papers

14,032
ext. citations

7.5
avg, IF

6.22
L-index

#	Paper	IF	Citations
214	Comprehensive characterization of PTEN mutational profile in a series of 34,129 colorectal cancers.. <i>Nature Communications</i> , 2022 , 13, 1618	17.4	3
213	NEDD9 sustains hexokinase expression to promote glycolysis.. <i>Oncogenesis</i> , 2022 , 11, 15	6.6	0
212	Association of TP53 and CDKN2A Mutation Profile with Tumor Mutation Burden in Head and Neck Cancer.. <i>Clinical Cancer Research</i> , 2022 , 28, 1925-1937	12.9	2
211	The role of NSD1, NSD2, and NSD3 histone methyltransferases in solid tumors.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 285	10.3	1
210	Musashi-2 (MSI2) regulates epidermal growth factor receptor (EGFR) expression and response to EGFR inhibitors in EGFR-mutated non-small cell lung cancer (NSCLC). <i>Oncogenesis</i> , 2021 , 10, 29	6.6	3
209	Restraints Autophagy to Limit Growth of Early Stage Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2021 , 81, 3717-3726	10.1	3
208	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	6.1	0
207	Targeting the Epidermal Growth Factor Receptor in EGFR-Mutated Lung Cancer: Current and Emerging Therapies. <i>Cancers</i> , 2021 , 13,	6.6	9
206	Methods Two-Hybrid Protein-Protein Interactions 2021 , 713-716		
205	Prognostic role and biologic features of Musashi-2 expression in colon polyps and during colorectal cancer progression. <i>PLoS ONE</i> , 2021 , 16, e0252132	3.7	1
204	HSP90 inhibition downregulates DNA replication and repair genes via E2F1 repression. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100996	5.4	4
203	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	6.7	21
202	RNA interference screening methods to identify proliferation determinants and mechanisms of resistance to immune attack. <i>Methods in Enzymology</i> , 2020 , 636, 299-322	1.7	1
201	Synthetic Lethal Targeting of Mitotic Checkpoints in HPV-Negative Head and Neck Cancer. <i>Cancers</i> , 2020 , 12,	6.6	10
200	Informatics-guided drug repurposing for Autosomal Dominant Polycystic Kidney Disease (ADPKD). <i>EBioMedicine</i> , 2020 , 52, 102628	8.8	1
199	Identification of the KRIT1 Protein by LexA-Based Yeast Two-Hybrid System. <i>Methods in Molecular Biology</i> , 2020 , 2152, 269-289	1.4	
198	Proliferative signaling by ERBB proteins and RAF/MEK/ERK effectors in polycystic kidney disease. <i>Cellular Signalling</i> , 2020 , 67, 109497	4.9	11

197	Patterns of Ciliation and Ciliary Signaling in Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020 , 1	2.9	3
196	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	12.9	8
195	Cholesterol Pathway Inhibition Induces TGF- β Signaling to Promote Basal Differentiation in Pancreatic Cancer. <i>Cancer Cell</i> , 2020 , 38, 567-583.e11	24.3	27
194	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. <i>Scientific Reports</i> , 2020 , 10, 13518	4.9	5
193	Tumor-Targeted Drug Conjugates as an Emerging Novel Therapeutic Approach in Small Cell Lung Cancer (SCLC). <i>Cancers</i> , 2019 , 11,	6.6	14
192	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	2.3	5
191	An improved method of delivering a sclerosing agent for the treatment of malignant pleural effusion. <i>BMC Cancer</i> , 2019 , 19, 614	4.8	2
190	Disease-Associated Genetic Variation in Human Mitochondrial Protein Import. <i>American Journal of Human Genetics</i> , 2019 , 104, 784-801	11	12
189	Microscopy-Based Automated Live Cell Screening for Small Molecules That Affect Ciliation. <i>Frontiers in Genetics</i> , 2019 , 10, 75	4.5	6
188	Unexpected Activities in Regulating Ciliation Contribute to Off-target Effects of Targeted Drugs. <i>Clinical Cancer Research</i> , 2019 , 25, 4179-4193	12.9	6
187	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	12.9	27
186	Comprehensive characterization of RAS mutations in colon and rectal cancers in old and young patients. <i>Nature Communications</i> , 2019 , 10, 3722	17.4	77
185	Comprehensive Genomic Landscapes in Early and Later Onset Colorectal Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 5852-5858	12.9	58
184	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	4.4	23
183	PPP2R2A prostate cancer haploinsufficiency is associated with worse prognosis and a high vulnerability to B55 α /PPP2A reconstitution that triggers centrosome destabilization. <i>Oncogenesis</i> , 2019 , 8, 72	6.6	7
182	Ganetespiib limits ciliation and cystogenesis in autosomal-dominant polycystic kidney disease (ADPKD). <i>FASEB Journal</i> , 2018 , 32, 2735-2746	0.9	22
181	Targeting the ErbB Family in Head and Neck Cancer. <i>Current Cancer Research</i> , 2018 , 7-61	0.2	0
180	NEDD9 promotes oncogenic signaling, a stem/mesenchymal gene signature, and aggressive ovarian cancer growth in mice. <i>Oncogene</i> , 2018 , 37, 4854-4870	9.2	12

179	Ciliary signalling in cancer. <i>Nature Reviews Cancer</i> , 2018 , 18, 511-524	31.3	67
178	Molecular mechanisms of the preventable causes of cancer in the United States. <i>Genes and Development</i> , 2018 , 32, 868-902	12.6	63
177	Musashi RNA-Binding Proteins as Cancer Drivers and Novel Therapeutic Targets. <i>Clinical Cancer Research</i> , 2017 , 23, 2143-2153	12.9	115
176	Mechanisms for nonmitotic activation of Aurora-A at cilia. <i>Biochemical Society Transactions</i> , 2017 , 45, 37-49	5.1	27
175	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	4.6	15
174	NEDD9 2017 , 787-793		
173	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	3.7	7
172	Matrix-regulated integrin β maintains β -dependent desmoplastic traits prognostic of neoplastic recurrence. <i>ELife</i> , 2017 , 6,	8.9	61
171	NSD1- and NSD2-damaging mutations define a subset of laryngeal tumors with favorable prognosis. <i>Nature Communications</i> , 2017 , 8, 1772	17.4	25
170	Head and neck squamous cell carcinoma: Ambiguous human papillomavirus status, elevated p16, and deleted retinoblastoma 1. <i>Head and Neck</i> , 2017 , 39, E34-E39	4.2	9
169	Targeted delivery of chemotherapy using HSP90 inhibitor drug conjugates is highly active against pancreatic cancer models. <i>Oncotarget</i> , 2017 , 8, 4399-4409	3.3	11
168	Identification of evolutionarily conserved DNA damage response genes that alter sensitivity to cisplatin. <i>Oncotarget</i> , 2017 , 8, 19156-19171	3.3	9
167	Acquisition of estrogen independence induces TOB1-related mechanisms supporting breast cancer cell proliferation. <i>Oncogene</i> , 2016 , 35, 1643-56	9.2	22
166	Anti-Müllerian Hormone Signaling Regulates Epithelial Plasticity and Chemoresistance in Lung Cancer. <i>Cell Reports</i> , 2016 , 16, 657-71	10.6	28
165	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, 6955-60	11.5	81
164	POLD1: Central mediator of DNA replication and repair, and implication in cancer and other pathologies. <i>Gene</i> , 2016 , 590, 128-41	3.8	68
163	A Novel HSP90 Inhibitor-Drug Conjugate to SN38 Is Highly Effective in Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 5120-5129	12.9	21
162	Reply to Francesco Piva, Matteo Santoni, Marina Scarpelli, et al 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. <i>Eur Urol</i> 2015 , 68, 812-4. <i>European Urology</i> , 2016 , 70, e75-6	10.2	

161	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	3.3	8
160	Screening of Conditionally Reprogrammed Patient-Derived Carcinoma Cells Identifies ERCC3-MYC Interactions as a Target in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 6153-6163	12.9	45
159	Genomic insights into head and neck cancer. <i>Cancers of the Head & Neck</i> , 2016 , 1,	5.9	51
158	EGFR and RB1 as Dual Biomarkers in HPV-Negative Head and Neck Cancer. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 2486-2497	6.1	37
157	Defects in DNA Repair Genes Predict Response to Neoadjuvant Cisplatin-based Chemotherapy in Muscle-invasive Bladder Cancer. <i>European Urology</i> , 2015 , 68, 959-67	10.2	270
156	The hallmarks of cancer: relevance to the pathogenesis of polycystic kidney disease. <i>Nature Reviews Nephrology</i> , 2015 , 11, 515-34	14.9	79
155	Preclinical and clinical studies of the NEDD9 scaffold protein in cancer and other diseases. <i>Gene</i> , 2015 , 567, 1-11	3.8	42
154	Endogenous Sterol Metabolites Regulate Growth of EGFR/KRAS-Dependent Tumors via LXR. <i>Cell Reports</i> , 2015 , 12, 1927-38	10.6	51
153	Embryonal Fyn-associated substrate (EFS) and CASS4: The lesser-known CAS protein family members. <i>Gene</i> , 2015 , 570, 25-35	3.8	18
152	Compounds identified by virtual docking to a tetrameric EGFR extracellular domain can modulate Grb2 internalization. <i>BMC Cancer</i> , 2015 , 15, 436	4.8	4
151	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	13.3	26
150	Taking Snapshots of Ciliary Signaling. <i>Developmental Cell</i> , 2015 , 35, 399-400	10.2	
149	Issues in interpreting the in vivo activity of Aurora-A. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 187-200	6.4	15
148	Opposing Effects of Inhibitors of Aurora-A and EGFR in Autosomal-Dominant Polycystic Kidney Disease. <i>Frontiers in Oncology</i> , 2015 , 5, 228	5.3	9
147	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	3.7	19
146	A new strategy to ERADicate HER2-positive breast tumors?. <i>Science Signaling</i> , 2015 , 8, fs11	8.8	2
145	Control of ciliation in embryogenesis. <i>Nature Cell Biology</i> , 2015 , 17, 109-11	23.4	4
144	Phospho-T356RB1 predicts survival in HPV-negative squamous cell carcinoma of the head and neck. <i>Oncotarget</i> , 2015 , 6, 18863-74	3.3	17

143	Systematic evaluation of underlying defects in DNA repair as an approach to case-only assessment of familial prostate cancer. <i>Oncotarget</i> , 2015 , 6, 39614-33	3.3	11
142	Integrating in silico resources to map a signaling network. <i>Methods in Molecular Biology</i> , 2014 , 1101, 197-245	12.45	17
141	Bioinformatic approaches to augment study of epithelial-to-mesenchymal transition in lung cancer. <i>Physiological Genomics</i> , 2014 , 46, 699-724	3.6	23
140	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	3.7	7
139	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	0.8	27
138	Aurora kinase A mediates epithelial ovarian cancer cell migration and adhesion. <i>Oncogene</i> , 2014 , 33, 539-49	9.2	73
137	Nedd9 restrains renal cystogenesis in Pkd1 ^{-/-} mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12859-64	11.5	21
136	CAS proteins in health and disease: an update. <i>IUBMB Life</i> , 2014 , 66, 387-95	4.7	37
135	EGFR Inhibitors as Therapeutic Agents in Head and Neck Cancer 2014 , 55-90		3
134	A requirement for Nedd9 in luminal progenitor cells prior to mammary tumorigenesis in MMTV-HER2/ErbB2 mice. <i>Oncogene</i> , 2014 , 33, 411-20	9.2	22
133	Overview: The Pathobiology of Head and Neck Cancer 2014 , 1-5		3
132	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, 1849-74	10.3	62
131	Aurora kinases in head and neck cancer. <i>Lancet Oncology, The</i> , 2013 , 14, e425-35	21.7	47
130	Cilia and cilia-associated proteins in cancer. <i>Drug Discovery Today Disease Mechanisms</i> , 2013 , 10, e135-e142		41
129	Aurora A kinase (AURKA) in normal and pathological cell division. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 661-87	10.3	273
128	A two-hybrid approach to identify inhibitors of the RAS-RAF interaction. <i>The Enzymes</i> , 2013 , 33 Pt A, 213-48	2.3	3
127	Network analysis identifies an HSP90-central hub susceptible in ovarian cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 5053-67	12.9	42
126	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, 12786-91	11.5	38

125	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, 6633-43	12.9	25
124	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	24.4	49
123	DUSP6 regulates drug sensitivity by modulating DNA damage response. <i>British Journal of Cancer</i> , 2013 , 109, 1063-71	8.7	23
122	NEDD9 2013 , 1-7		
121	The extracellular matrix and ciliary signaling. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 652-61	9	77
120	Calmodulin activation of Aurora-A kinase (AURKA) is required during ciliary disassembly and in mitosis. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2658-70	3.5	106
119	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	3.7	37
118	Comment on "epidermal growth factor receptor is essential for toll-like receptor 3 signaling". <i>Science Signaling</i> , 2012 , 5, lc5	8.8	10
117	Dual inhibition of SRC and Aurora kinases induces postmitotic attachment defects and cell death. <i>Oncogene</i> , 2012 , 31, 1217-27	9.2	25
116	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, 748-55	8.7	32
115	Abstract 721: Expression of Aurora A and Phospho-Aurora-A is predictive of survival in patients with head and neck cancer 2012 ,		2
114	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Neuroscience</i> , 2011 , Chapter 4, Unit 4.4	2.7	2
113	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Cell Biology</i> , 2011 , Chapter 17, Unit 17.3.	2.3	9
112	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, 260-79	23.2	29
111	NEDD9 and BCAR1 negatively regulate E-cadherin membrane localization, and promote E-cadherin degradation. <i>PLoS ONE</i> , 2011 , 6, e22102	3.7	64
110	HEF1, a novel target of Wnt signaling, promotes colonic cell migration and cancer progression. <i>Oncogene</i> , 2011 , 30, 2633-43	9.2	73
109	Aurora A kinase activity influences calcium signaling in kidney cells. <i>Journal of Cell Biology</i> , 2011 , 193, 1021-32	7.3	56
108	Aurora A kinase activity influences calcium signaling in kidney cells. <i>Journal of Cell Biology</i> , 2011 , 194, 157-157	7.3	78

107	Dcas supports cell polarization and cell-cell adhesion complexes in development. <i>PLoS ONE</i> , 2010 , 5, e12369	3.7	17
106	Enhanced genetic instability and dasatinib sensitivity in mammary tumor cells lacking NEDD9. <i>Cancer Research</i> , 2010 , 70, 8907-16	10.1	34
105	Chemotherapy and signaling: How can targeted therapies supercharge cytotoxic agents?. <i>Cancer Biology and Therapy</i> , 2010 , 10, 839-53	4.6	55
104	Synthetic lethal screen of an EGFR-centered network to improve targeted therapies. <i>Science Signaling</i> , 2010 , 3, ra67	8.8	118
103	Rapid calcium-dependent activation of Aurora-A kinase. <i>Nature Communications</i> , 2010 , 1, 64	17.4	65
102	CAS proteins in normal and pathological cell growth control. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1025-48	10.3	147
101	The WW-HECT protein Smurf2 interacts with the Docking Protein NEDD9/HEF1 for Aurora A activation. <i>Cell Division</i> , 2010 , 5, 22	2.8	15
100	NEDD9 promotes oncogenic signaling in mammary tumor development. <i>Cancer Research</i> , 2009 , 69, 7198-206	10.1	110
99	Mechanisms of tumor resistance to EGFR-targeted therapies. <i>Expert Opinion on Therapeutic Targets</i> , 2009 , 13, 339-62	6.4	66
98	Targeting EGFR resistance networks in head and neck cancer. <i>Cellular Signalling</i> , 2009 , 21, 1255-68	4.9	61
97	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, 1106-19	3.9	36
96	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Protein Science</i> , 2009 , Chapter 19, Unit19.2	3.1	7
95	Primary cilia and the cell cycle. <i>Methods in Cell Biology</i> , 2009 , 94, 137-60	1.8	114
94	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Molecular Biology</i> , 2008 , Chapter 20, Unit 20.1	2.9	19
93	Fibroblast-derived 3D matrix differentially regulates the growth and drug-responsiveness of human cancer cells. <i>Matrix Biology</i> , 2008 , 27, 573-585	11.4	144
92	Cell cycle-dependent ciliogenesis and cancer. <i>Cancer Research</i> , 2008 , 68, 2058-61	10.1	133
91	A novel Cas family member, HEPL, regulates FAK and cell spreading. <i>Molecular Biology of the Cell</i> , 2008 , 19, 1627-36	3.5	57
90	Resolving the network of cell signaling pathways using the evolving yeast two-hybrid system. <i>BioTechniques</i> , 2008 , 44, 655-62	2.5	22

89	HEI10 negatively regulates cell invasion by inhibiting cyclin B/Cdk1 and other promotility proteins. <i>Oncogene</i> , 2007 , 26, 4825-32	9.2	26
88	A ciliary timer for S-phase entry. <i>Nature Reviews Molecular Cell Biology</i> , 2007 , 8,	48.7	6
87	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	3.2	89
86	In vitro and in vivo synergy of MCP compounds with mitogen-activated protein kinase pathway- and microtubule-targeting inhibitors. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 898-906	6.1	28
85	6 Yeast Hybrid Approaches. <i>Methods in Microbiology</i> , 2007 , 103-137	2.8	3
84	A new central scaffold for metastasis: parsing HEF1/Cas-L/NEDD9. <i>Cancer Research</i> , 2007 , 67, 8975-9	10.1	92
83	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, 2103-19	4.8	23
82	HEF1-dependent Aurora A activation induces disassembly of the primary cilium. <i>Cell</i> , 2007 , 129, 1351-63	56.2	611
81	Selective Raf inhibition in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 1587-609	6.4	50
80	A bacterial/yeast merged two-hybrid system: protocol for yeast screening with single or parallel baits. <i>Methods in Molecular Biology</i> , 2007 , 408, 257-90	1.4	
79	A bacterial/yeast merged two-hybrid system: protocol for bacterial screening. <i>Methods in Molecular Biology</i> , 2007 , 408, 291-315	1.4	1
78	Interdependence of cell attachment and cell cycle signaling. <i>Current Opinion in Cell Biology</i> , 2006 , 18, 507-15	9	40
77	HEF1-aurora A interactions: points of dialog between the cell cycle and cell attachment signaling networks. <i>Cell Cycle</i> , 2006 , 5, 384-91	4.7	62
76	Deregulation of HEF1 impairs M-phase progression by disrupting the RhoA activation cycle. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1204-17	3.5	49
75	Yeast screens for inhibitors of Ras-Raf interaction and characterization of MCP inhibitors of Ras-Raf interaction. <i>Methods in Enzymology</i> , 2006 , 407, 612-29	1.7	5
74	HEF1 is a necessary and specific downstream effector of FAK that promotes the migration of glioblastoma cells. <i>Oncogene</i> , 2006 , 25, 1721-32	9.2	162
73	A functional association between merlin and HEI10, a cell cycle regulator. <i>Oncogene</i> , 2006 , 25, 4389-98	9.2	23
72	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, 937-46	23.4	192

71	Protein Interaction-Targeted Drug Discovery 2005 , 323-345		
70	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, 282-4		3
69	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, 531-3		4
68	A combined yeast/bacteria two-hybrid system: development and evaluation. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 819-26	7.6	18
67	Development of a yeast two-hybrid screen for selection of human Ras-Raf protein interaction inhibitors. <i>Methods in Molecular Biology</i> , 2005 , 310, 253-71	1.4	7
66	Human enhancer of invasion-cluster, a coiled-coil protein required for passage through mitosis. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3957-71	4.8	16
65	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, 947-52	11.5	98
64	A gene expression system offering multiple levels of regulation: the Dual Drug Control (DDC) system. <i>BMC Biotechnology</i> , 2004 , 4, 9	3.5	5
63	Autoinhibited proteins as promising drug targets. <i>Journal of Cellular Biochemistry</i> , 2004 , 93, 68-73	4.7	23
62	Two-Hybrid Protein-Protein Interactions 2004 , 290-293		
61	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, 2109-22	4.8	58
60	Identification of the RNA polymerase II subunit hsRPB7 as a novel target of the von Hippel-Lindau protein. <i>EMBO Journal</i> , 2003 , 22, 4249-59	13	71
59	Structure, stability, and function of hDim1 investigated by NMR, circular dichroism, and mutational analysis. <i>Biochemistry</i> , 2003 , 42, 9609-18	3.2	11
58	The GDP exchange factor AND-34 is expressed in B cells, associates with HEF1, and activates Cdc42. <i>Journal of Immunology</i> , 2003 , 170, 969-78	5.3	43
57	From Correlation to Causality: Microarrays, Cancer, and Cancer Treatment. <i>BioTechniques</i> , 2003 , 34, S64-S71		5
56	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	10.1	44
55	Protein interaction-targeted drug discovery: evaluating critical issues. <i>BioTechniques</i> , 2002 , 32, 636-8, 640, 642 passim	2.5	18
54	Detection of peptides, proteins, and drugs that selectively interact with protein targets. <i>Genome Research</i> , 2002 , 12, 1785-91	9.7	28

53	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, 389-96	5.6	161
52	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, 14398-403	11.5	122
51	Dissection of HEF1-dependent functions in motility and transcriptional regulation. <i>Journal of Cell Science</i> , 2002 , 115, 99-111	5.3	73
50	Dissection of HEF1-dependent functions in motility and transcriptional regulation. <i>Journal of Cell Science</i> , 2002 , 115, 99-111	5.3	67
49	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Neuroscience</i> , 2001 , Chapter 4, Unit 4.4	2.7	20
48	Targeting proteins to specific cellular compartments to optimize physiological activity. <i>Methods in Enzymology</i> , 2001 , 332, 77-87	1.7	2
47	Two-hybrid dual bait system to discriminate specificity of protein interactions in small GTPases. <i>Methods in Enzymology</i> , 2001 , 332, 277-300	1.7	11
46	Signal transduction driving technology driving signal transduction: factors in the design of targeted therapies. <i>Journal of Cellular Biochemistry</i> , 2001 , Suppl 37, 42-52	4.7	3
45	Focal adhesion kinase regulates beta1 integrin-dependent T cell migration through an HEF1 effector pathway. <i>European Journal of Immunology</i> , 2001 , 31, 1417-27	6.1	77
44	Proteolysis of the docking protein HEF1 and implications for focal adhesion dynamics. <i>Molecular and Cellular Biology</i> , 2001 , 21, 5094-108	4.8	71
43	Analysis of small GTPase signaling pathways using p21-activated kinase mutants that selectively couple to Cdc42. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40606-13	5.4	27
42	Two-hybrid system and false positives. Approaches to detection and elimination. <i>Methods in Molecular Biology</i> , 2001 , 177, 123-34	1.4	33
41	Interaction trap/two-hybrid system to identify interacting proteins. <i>Current Protocols in Cell Biology</i> , 2001 , Chapter 17, Unit 17.3	2.3	9
40	Computational and experimental analyses reveal previously undetected coding exons of the KRIT1 (CCM1) gene. <i>Genomics</i> , 2001 , 71, 123-6	4.3	50
39	Using the yeast interaction trap and other two-hybrid-based approaches to study protein-protein interactions. <i>Methods</i> , 2001 , 24, 201-17	4.6	67
38	Redefinition of the yeast two-hybrid system in dialogue with changing priorities in biological research. <i>BioTechniques</i> , 2001 , 30, 634-6, 638, 640 passim	2.5	20
37	Uses of lacZ to study gene function: evaluation of beta-galactosidase assays employed in the yeast two-hybrid system. <i>Analytical Biochemistry</i> , 2000 , 285, 1-15	3.1	98
36	Integrin signalling: a new Cas(t) of characters enters the stage. <i>Trends in Cell Biology</i> , 2000 , 10, 111-9	18.3	266

35	A novel ability of Smad3 to regulate proteasomal degradation of a Cas family member HEF1. <i>EMBO Journal</i> , 2000 , 19, 6759-69	13	63
34	Approaches to detecting false positives in yeast two-hybrid systems. <i>BioTechniques</i> , 2000 , 28, 328-30, 332-6	2.5	57
33	Streamlined yeast colorimetric reporter activity assays using scanners and plate readers. <i>BioTechniques</i> , 2000 , 29, 278-9, 282-4, 286-8	2.5	21
32	Encroaching genomics: adapting large-scale science to small academic laboratories. <i>Physiological Genomics</i> , 2000 , 2, 85-92	3.6	1
31	The docking protein HEF1 is an apoptotic mediator at focal adhesion sites. <i>Molecular and Cellular Biology</i> , 2000 , 20, 5184-95	4.8	78
30	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	3.8	61
29	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	3.8	63
28	LexA-based two-hybrid systems. <i>Methods in Enzymology</i> , 2000 , 328, 14-26	1.7	23
27	The evolutionarily conserved Dim1 protein defines a novel branch of the thioredoxin fold superfamily. <i>Physiological Genomics</i> , 1999 , 1, 109-18	3.6	20
26	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, 3969-74	11.5	214
25	A two-hybrid dual bait system to discriminate specificity of protein interactions. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17080-7	5.4	74
24	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, 14706-15	5.4	30
23	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, 4891-8	9.2	175
22	Ligand-free RAR can interact with the RNA polymerase II subunit hSRPB7 and repress transcription. <i>Endocrine</i> , 1999 , 10, 281-9		9
21	Interactions between the full complement of human RNA polymerase II subunits. <i>FEBS Letters</i> , 1999 , 461, 253-7	3.8	8
20	Dimerization of the docking/adaptor protein HEF1 via a carboxy-terminal helix-loop-helix domain. <i>Experimental Cell Research</i> , 1999 , 252, 224-35	4.2	43
19	Oncogenic EWS-Fli1 interacts with hSRPB7, a subunit of human RNA polymerase II. <i>Oncogene</i> , 1998 , 17, 603-10	9.2	130
18	Cell cycle-regulated processing of HEF1 to multiple protein forms differentially targeted to multiple subcellular compartments. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3540-51	4.8	95

17	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, 1935-45	4.8	56
16	Vectors to target protein domains to different cellular compartments. <i>BioTechniques</i> , 1998 , 24, 637-40	2.5	10
15	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, 6097-100	5.4	270
14	The related adhesion focal tyrosine kinase differentially phosphorylates p130Cas and the Cas-like protein, p105HEF1. <i>Journal of Biological Chemistry</i> , 1997 , 272, 19719-24	5.4	103
13	Involvement of p130(Cas) and p105(HEF1), 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, 4230-6	5.4	98
12	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, 17542-50	5.4	116
11	Differential signaling after beta1 integrin ligation is mediated through binding of CRKL to p120(CBL) and p110(HEF1). <i>Journal of Biological Chemistry</i> , 1997 , 272, 14320-6	5.4	80
10	Alternative yeast two-hybrid systems. The interaction trap and interaction mating. <i>Methods in Molecular Biology</i> , 1997 , 63, 197-218	1.4	39
9	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	1.9	36
8	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, 1043-9	9.2	192
7	Human enhancer of filamentation 1, a novel p130cas-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, 3327-37	4.8	220
6	AH/PH domain-mediated interaction between Akt molecules and its potential role in Akt regulation. <i>Molecular and Cellular Biology</i> , 1995 , 15, 2304-10	4.8	148
5	Correlation of two-hybrid affinity data with in vitro measurements. <i>Molecular and Cellular Biology</i> , 1995 , 15, 5820-9	4.8	485
4	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, 9238-42	11.5	521
3	Cdi1, a human G1 and S phase protein phosphatase that associates with Cdk2. <i>Cell</i> , 1993 , 75, 791-803	56.2	1444
2	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, 233-42	12.6	166
1	Cholesterol deprivation induces TGF β signaling to promote basal differentiation in pancreatic cancer		1