Roger J Daly

List of Publications by Year in descending order

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34076 32815 11,280 134 52 100 citations h-index g-index papers 141 141 141 18327 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Pancreatic cancer genomes reveal aberrations in axon guidance pathway genes. Nature, 2012, 491, 399-405.	13.7	1,741
2	Dual-specificity phosphatases: critical regulators with diverse cellular targets. Biochemical Journal, 2009, 418, 475-489.	1.7	647
3	<i>i>iFeature (i): a Python package and web server for features extraction and selection from protein and peptide sequences. Bioinformatics, 2018, 34, 2499-2502.</i>	1.8	481
4	FAK signaling in human cancer as a target for therapeutics. , 2015, 146, 132-149.		317
5	iLearn: an integrated platform and meta-learner for feature engineering, machine-learning analysis and modeling of DNA, RNA and protein sequence data. Briefings in Bioinformatics, 2020, 21, 1047-1057.	3.2	294
6	Cortactin signalling and dynamic actin networks. Biochemical Journal, 2004, 382, 13-25.	1.7	277
7	Temporal regulation of EGF signalling networks by the scaffold protein Shc1. Nature, 2013, 499, 166-171.	13.7	257
8	PI3K pathway activation in breast cancer is associated with the basalâ€ike phenotype and cancerâ€specific mortality. International Journal of Cancer, 2010, 126, 1121-1131.	2.3	254
9	Cyclin D1, EMS1 and 11q13 Amplification in Breast Cancer. Breast Cancer Research and Treatment, 2003, 78, 323-335.	1.1	243
10	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. Biochemical Journal, 2014, 457, 323-334.	1.7	241
11	The kinome 'at large' in cancer. Nature Reviews Cancer, 2016, 16, 83-98.	12.8	226
12	A Cortactin-CD2-associated Protein (CD2AP) Complex Provides a Novel Link between Epidermal Growth Factor Receptor Endocytosis and the Actin Cytoskeleton. Journal of Biological Chemistry, 2003, 278, 21805-21813.	1.6	192
13	Identification of Tek/Tie2 Binding Partners. Journal of Biological Chemistry, 1999, 274, 30896-30905.	1.6	187
14	Cell cycle control in breast cancer cells. Journal of Cellular Biochemistry, 2006, 97, 261-274.	1.2	184
15	Tyrosine Phosphorylation Profiling Reveals the Signaling Network Characteristics of Basal Breast Cancer Cells. Cancer Research, 2010, 70, 9391-9401.	0.4	165
16	PI3K(p $110\hat{i}_{\pm}$) Protects Against Myocardial Infarction-Induced Heart Failure. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 724-732.	1.1	160
17	Function, regulation and pathological roles of the Gab/DOS docking proteins. Cell Communication and Signaling, 2009, 7, 22.	2.7	151
18	<i>Quokka</i> : a comprehensive tool for rapid and accurate prediction of kinase family-specific phosphorylation sites in the human proteome. Bioinformatics, 2018, 34, 4223-4231.	1.8	151

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19	Nedd4 Controls Animal Growth by Regulating IGF-1 Signaling. Science Signaling, 2008, 1, ra5.	1.6	148
20	<i>iiLearnPlus:</i> a comprehensive and automated machine-learning platform for nucleic acid and protein sequence analysis, prediction and visualization. Nucleic Acids Research, 2021, 49, e60-e60.	6.5	124
21	Mice with a Disruption of the Imprinted Grb10 Gene Exhibit Altered Body Composition, Glucose Homeostasis, and Insulin Signaling during Postnatal Life. Molecular and Cellular Biology, 2007, 27, 5871-5886.	1.1	117
22	Improved glucose homeostasis and enhanced insulin signalling in Grb14-deficient mice. EMBO Journal, 2004, 23, 582-593.	3 . 5	116
23	Cloning and Characterization of GRB14, a Novel Member of the GRB7 Gene Family. Journal of Biological Chemistry, 1996, 271, 12502-12510.	1.6	114
24	The Grb7 Family of Signalling Proteins. Cellular Signalling, 1998, 10, 613-618.	1.7	113
25	Increased Proliferation and Altered Growth Factor Dependence of Human Mammary Epithelial Cells Overexpressing the Gab2 Docking Protein. Journal of Biological Chemistry, 2006, 281, 626-637.	1.6	108
26	Identification of a Novel Human Tankyrase through Its Interaction with the Adaptor Protein Grb14. Journal of Biological Chemistry, 2001, 276, 17172-17180.	1.6	105
27	Structural Basis for Inhibition of the Insulin Receptor by the Adaptor Protein Grb14. Molecular Cell, 2005, 20, 325-333.	4.5	105
28	Neuropilin-2 Promotes Extravasation and Metastasis by Interacting with Endothelial $\hat{l}\pm 5$ Integrin. Cancer Research, 2013, 73, 4579-4590.	0.4	97
29	Targeting DNA Damage Response and Replication Stress in Pancreatic Cancer. Gastroenterology, 2021, 160, 362-377.e13.	0.6	90
30	EMS1 amplification can occur independently of CCND1 or INT-2 amplification at $11q13$ and may identify different phenotypes in primary breast cancer. Oncogene, 1997 , 15 , 1617 - 1623 .	2.6	89
31	The docking protein Gab2 is overexpressed and estrogen regulated in human breast cancer. Oncogene, 2002, 21, 5175-5181.	2.6	88
32	Identification of Novel Non-phosphorylated Ligands, Which Bind Selectively to the SH2 Domain of Grb7. Journal of Biological Chemistry, 2002, 277, 11918-11926.	1.6	87
33	Aberrant Expression of Cortactin in Head and Neck Squamous Cell Carcinoma Cells Is Associated with Enhanced Cell Proliferation and Resistance to the Epidermal Growth Factor Receptor Inhibitor Gefitinib. Cancer Research, 2007, 67, 9304-9314.	0.4	87
34	Analysis of Grb7 Recruitment by Heregulin-activated erbB Receptors Reveals a Novel Target Selectivity for erbB3. Journal of Biological Chemistry, 1998, 273, 7717-7724.	1.6	84
35	Annexin A6 stimulates the membrane recruitment of p120GAP to modulate Ras and Raf-1 activity. Oncogene, 2005, 24, $5809-5820$.	2.6	84
36	Involvement of Lyn and the Atypical Kinase SgK269/PEAK1 in a Basal Breast Cancer Signaling Pathway. Cancer Research, 2013, 73, 1969-1980.	0.4	82

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37	Mesenchymal Niche-Derived Neuregulin-1 Drives Intestinal Stem Cell Proliferation and Regeneration of Damaged Epithelium. Cell Stem Cell, 2020, 27, 646-662.e7.	5.2	82
38	TCPTP Regulates SFK and STAT3 Signaling and Is Lost in Triple-Negative Breast Cancers. Molecular and Cellular Biology, 2013, 33, 557-570.	1.1	80
39	PKB-mediated negative feedback tightly regulates mitogenic signalling via Gab2. EMBO Journal, 2002, 21, 72-82.	3.5	79
40	HNF4A and GATA6 Loss Reveals Therapeutically Actionable Subtypes in Pancreatic Cancer. Cell Reports, 2020, 31, 107625.	2.9	78
41	The ras signaling pathway in mammary tumorigenesis and metastasis. , 2001, 6, 101-113.		77
42	Cortactin Overexpression Inhibits Ligand-Induced Down-regulation of the Epidermal Growth Factor Receptor. Cancer Research, 2005, 65, 3273-3280.	0.4	77
43	Imprinted Genes That Regulate Early Mammalian Growth Are Coexpressed in Somatic Stem Cells. PLoS ONE, 2011, 6, e26410.	1.1	75
44	EMS1 gene expression in primary breast cancer: relationship to cyclin D1 and oestrogen receptor expression and patient survival. Oncogene, 1998, 17, 1053-1059.	2.6	74
45	Enduring epigenetic landmarks define the cancer microenvironment. Genome Research, 2018, 28, 625-638.	2.4	74
46	PhosphoPredict: A bioinformatics tool for prediction of human kinase-specific phosphorylation substrates and sites by integrating heterogeneous feature selection. Scientific Reports, 2017, 7, 6862.	1.6	72
47	Structural Determinants of the Interaction between the erbB2 Receptor and the Src Homology 2 Domain of Grb7. Journal of Biological Chemistry, 1997, 272, 8490-8497.	1.6	71
48	Twenty years of bioinformatics research for protease-specific substrate and cleavage site prediction: a comprehensive revisit and benchmarking of existing methods. Briefings in Bioinformatics, 2019, 20, 2150-2166.	3.2	70
49	Inhibition of the MAP kinase cascade blocks heregulin-induced cell cycle progression in T-47D human breast cancer cells. Oncogene, 1998, 16, 2803-2813.	2.6	66
50	Up-regulation of the protein tyrosine phosphatase SHP-1 in human breast cancer and correlation with GRB2 expression. International Journal of Cancer, 2000, 88, 363-368.	2.3	65
51	Global Phosphoproteomic Mapping of Early Mitotic Exit in Human Cells Identifies Novel Substrate Dephosphorylation Motifs. Molecular and Cellular Proteomics, 2015, 14, 2194-2212.	2.5	63
52	Take Your Partners, Please — Signal Diversification by the erbB Family of Receptor Tyrosine Kinases. Growth Factors, 1999, 16, 255-263.	0.5	62
53	Proteomic Profiling of Human Prostate Cancer-associated Fibroblasts (CAF) Reveals LOXL2-dependent Regulation of the Tumor Microenvironment. Molecular and Cellular Proteomics, 2019, 18, 1410-1427.	2.5	60
54	The tyrosine phosphatase PTPN14 (Pez) inhibits metastasis by altering protein trafficking. Science Signaling, 2015, 8, ra18.	1.6	57

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55	Phosphorylation-dependent binding of 14-3-3 terminates signalling by the Gab2 docking protein. EMBO Journal, 2008, 27, 2305-2316.	3.5	55
56	A distinct plasma lipid signature associated with poor prognosis in castrationâ€resistant prostate cancer. International Journal of Cancer, 2017, 141, 2112-2120.	2.3	54
57	KIBRA interacts with discoidin domain receptor 1 to modulate collagen-induced signalling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 383-393.	1.9	53
58	Interaction of growth factors during progression towards steroid independence in T-47-D human breast cancer cells. Journal of Cellular Biochemistry, 1990, 43, 199-211.	1.2	52
59	PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. Cancer Discovery, 2022, 12, 752-773.	7.7	52
60	Dual Ablation of Grb10 and Grb14 in Mice Reveals Their Combined Role in Regulation of Insulin Signaling and Glucose Homeostasis. Molecular Endocrinology, 2009, 23, 1406-1414.	3.7	49
61	Effect of FAK inhibitor VSâ€6063 (defactinib) on docetaxel efficacy in prostate cancer. Prostate, 2018, 78, 308-317.	1.2	48
62	Docking proteins. FEBS Journal, 2010, 277, 4356-4369.	2.2	44
63	Characterization of the Novel Broad-Spectrum Kinase Inhibitor CTx-0294885 As an Affinity Reagent for Mass Spectrometry-Based Kinome Profiling. Journal of Proteome Research, 2013, 12, 3104-3116.	1.8	44
64	The pseudokinase SgK223 promotes invasion of pancreatic ductal epithelial cells through JAK1/Stat3 signaling. Molecular Cancer, 2015, 14, 139.	7.9	44
65	PP1 initiates the dephosphorylation of MASTL, triggering mitotic exit and bistability in human cells. Journal of Cell Science, 2016, 129, 1340-54.	1.2	44
66	Phosphoproteomic Profiling Identifies Focal Adhesion Kinase as a Mediator of Docetaxel Resistance in Castrate-Resistant Prostate Cancer. Molecular Cancer Therapeutics, 2014, 13, 190-201.	1.9	42
67	Protein Kinase Cδ and Calmodulin Regulate Epidermal Growth Factor Receptor Recycling from Early Endosomes through Arp2/3 Complex and Cortactin. Molecular Biology of the Cell, 2008, 19, 17-29.	0.9	41
68	Structure of SgK223 pseudokinase reveals novel mechanisms of homotypic and heterotypic association. Nature Communications, 2017, 8, 1157.	5.8	40
69	Accelerated Mammary Tumor Development in Mutant Polyomavirus Middle T Transgenic Mice Expressing Elevated Levels of Either the Shc or Grb2 Adapter Protein. Molecular and Cellular Biology, 19, 8169-8179.	1.1	39
70	Helicobacter pylori Type IV Secretion System and Its Adhesin Subunit, CagL, Mediate Potent Inflammatory Responses in Primary Human Endothelial Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 22.	1.8	38
71	Grb7-based molecular therapeutics in cancer. Expert Reviews in Molecular Medicine, 2003, 5, 1-11.	1.6	37
72	AXL confers cell migration and invasion by hijacking a PEAK1-regulated focal adhesion protein network. Nature Communications, 2020, 11, 3586.	5.8	37

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73	FGFR3 signaling and function in triple negative breast cancer. Cell Communication and Signaling, 2020, 18, 13.	2.7	37
74	Growth factor receptorâ€bound protein 14: a new modulator of photoreceptorâ€specific cyclicâ€nucleotideâ€gated channel. EMBO Reports, 2010, 11, 861-867.	2.0	36
75	Global characterization of signalling networks associated with tamoxifen resistance in breast cancer. FEBS Journal, 2013, 280, 5237-5257.	2.2	36
76	Phosphoproteomic analysis of anaplastic lymphoma kinase (<scp>ALK</scp>) downstream signaling pathways identifies signal transducer and activator of transcriptionÂ3 as a functional target of activated <scp>ALK</scp> in neuroblastoma cells. FEBS Journal, 2013, 280, 5269-5282.	2,2	35
77	MicroRNAs as potential therapeutics to enhance chemosensitivity in advanced prostate cancer. Scientific Reports, 2018, 8, 7820.	1.6	33
78	Expression and tyrosine phosphorylation of EMS1 in human breast cancer cell lines., 1996, 68, 485-492.		32
79	Solution structure of the human Grb7-SH2 domain/erbB2 peptide complex and structural basis for Grb7 binding to ErbB2. Journal of Biomolecular NMR, 2003, 27, 205-219.	1.6	32
80	Overexpression of the oncogenic signal transducer Gab2 occurs early in breast cancer development. International Journal of Cancer, 2010, 127, 1486-1492.	2.3	31
81	Grb10 regulates the development of fiber number in skeletal muscle. FASEB Journal, 2012, 26, 3658-3669.	0.2	31
82	Phosphoproteomic Profiling Reveals ALK and MET as Novel Actionable Targets across Synovial Sarcoma Subtypes. Cancer Research, 2017, 77, 4279-4292.	0.4	31
83	Homo- and Heterotypic Association Regulates Signaling by the SgK269/PEAK1 and SgK223 Pseudokinases. Journal of Biological Chemistry, 2016, 291, 21571-21583.	1.6	30
84	INPP4B promotes PI3Kα-dependent late endosome formation and Wnt/ \hat{l}^2 -catenin signaling in breast cancer. Nature Communications, 2021, 12, 3140.	5.8	30
85	Adapter protein connections: The MRL and Grb7 protein families. Growth Factors, 2005, 23, 193-201.	0.5	29
86	Resolution of Novel Pancreatic Ductal Adenocarcinoma Subtypes by Global Phosphotyrosine Profiling. Molecular and Cellular Proteomics, 2016, 15, 2671-2685.	2.5	29
87	Hormonal regulation of the Grb14 signal modulator and its role in cell cycle progression of MCF-7 human breast cancer cells. Journal of Cellular Physiology, 2005, 203, 85-93.	2.0	28
88	Molecular Determinants of Grb14-Mediated Inhibition of Insulin Signaling. Molecular Endocrinology, 2009, 23, 1043-1051.	3.7	28
89	Growth Factor Receptor-Bound Protein 14 Undergoes Light-Dependent Intracellular Translocation in Rod Photoreceptors: Functional Role in Retinal Insulin Receptor Activation. Biochemistry, 2009, 48, 5563-5572.	1.2	28
90	Transition of human breast cancer cells from an oestrogen responsive to unresponsive state. Journal of Steroid Biochemistry and Molecular Biology, 1990, 37, 753-763.	1.2	27

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91	Tyrosine dephosphorylated cortactin downregulates contractility at the epithelial zonula adherens through SRGAP1. Nature Communications, 2017, 8, 790.	5.8	27
92	Targeting the Human Kinome for Cancer Therapy: Current Perspectives. Critical Reviews in Oncogenesis, 2012, 17, 233-246.	0.2	26
93	Identification of Novel Response and Predictive Biomarkers to Hsp90 Inhibitors Through Proteomic Profiling of Patient-derived Prostate Tumor Explants. Molecular and Cellular Proteomics, 2018, 17, 1470-1486.	2.5	26
94	Cortactin Modulates RhoA Activation and Expression of Cip/Kip Cyclin-Dependent Kinase Inhibitors To Promote Cell Cycle Progression in 11q13-Amplified Head and Neck Squamous Cell Carcinoma Cells. Molecular and Cellular Biology, 2010, 30, 5057-5070.	1.1	25
95	DUSP26 negatively affects the proliferation of epithelial cells, an effect not mediated by dephosphorylation of MAPKs. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1003-1012.	1.9	25
96	The PDZ-binding motif of MCC is phosphorylated at position â^1 and controls lamellipodia formation in colon epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1058-1067.	1.9	24
97	Grb10 Deletion Enhances Muscle Cell Proliferation, Differentiation and GLUT4 Plasma Membrane Translocation. Journal of Cellular Physiology, 2014, 229, 1753-1764.	2.0	23
98	Characterization of the Src-regulated kinome identifies SGK1 as a key mediator of Src-induced transformation. Nature Communications, 2019, 10, 296.	5.8	23
99	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. Science Advances, 2021, 7, eabh0363.	4.7	23
100	Gab2 regulates cytoskeletal organization and migration of mammary epithelial cells by modulating RhoA activation. Molecular Biology of the Cell, 2011, 22, 105-116.	0.9	22
101	Cell graph neural networks enable the precise prediction of patient survival in gastric cancer. Npj Precision Oncology, 2022, 6, .	2.3	22
102	Tyrosine kinase signalling in breast cancer: Modulation of tyrosine kinase signalling in human breast cancer through altered expression of signalling intermediates. Breast Cancer Research, 2000, 2, 197-202.	2.2	21
103	Characterization of the ERG-regulated Kinome in Prostate Cancer Identifies TNIK as a Potential Therapeutic Target. Neoplasia, 2019, 21, 389-400.	2.3	20
104	Aurora Kinase B, a novel regulator of TERF1 binding and telomeric integrity. Nucleic Acids Research, 2017, 45, 12340-12353.	6.5	18
105	Ablation of Grb10 Specifically in Muscle Impacts Muscle Size and Glucose Metabolism in Mice. Endocrinology, 2018, 159, 1339-1351.	1.4	18
106	HEAL: an automated deep learning framework for cancer histopathology image analysis. Bioinformatics, 2021, 37, 4291-4295.	1.8	18
107	RON is not a prognostic marker for resectable pancreatic cancer. BMC Cancer, 2012, 12, 395.	1.1	17
108	Quantitative Phosphotyrosine Profiling of Patient-Derived Xenografts Identifies Therapeutic Targets in Pediatric Leukemia. Cancer Research, 2016, 76, 2766-2777.	0.4	16

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109	Signalome-wide assessment of host cell response to hepatitis C virus. Nature Communications, 2017, 8, 15158.	5.8	14
110	The pseudokinases SgK269 and SgK223: A novel oncogenic alliance in human cancer. Cell Adhesion and Migration, 2018, 12, 524-528.	1.1	14
111	Control of Glucocorticoid Receptor Levels by PTEN Establishes a Failsafe Mechanism for Tumor Suppression. Molecular Cell, 2020, 80, 279-295.e8.	4.5	14
112	Phosphorylation of PKC \hat{l} by FER tips the balance from EGFR degradation to recycling. Journal of Cell Biology, 2021, 220, .	2.3	14
113	Evaluation of FGFR targeting in breast cancer through interrogation of patient-derived models. Breast Cancer Research, 2021, 23, 82.	2.2	14
114	Profiling the tyrosine phosphoproteome of different mouse mammary tumour models reveals distinct, model-specific signalling networks and conserved oncogenic pathways. Breast Cancer Research, 2014, 16, 437.	2.2	13
115	Fatty Acid Oxidation Is an Adaptive Survival Pathway Induced in Prostate Tumors by HSP90 Inhibition. Molecular Cancer Research, 2020, 18, 1500-1511.	1.5	13
116	CRISPRi enables isoform-specific loss-of-function screens and identification of gastric cancer-specific isoform dependencies. Genome Biology, 2021, 22, 47.	3.8	12
117	Effects of oestrogen on human breast cancer cells in culture. Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1989, 95, 119-132.	0.2	11
118	How to Grb2 a Gab. Structure, 2009, 17, 779-781.	1.6	11
119	Loss of STARD10 expression identifies a group of poor prognosis breast cancers independent of HER2/Neu and triple negative status. International Journal of Cancer, 2010, 126, 1445-1453.	2.3	11
120	Snail induces epithelial cell extrusion by regulating RhoA contractile signaling and cell-matrix adhesion. Journal of Cell Science, 2020, 133, .	1.2	11
121	Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. ELife, 2021, 10, .	2.8	11
122	Dataset from the global phosphoproteomic mapping of early mitotic exit in human cells. Data in Brief, 2015, 5, 45-52.	0.5	8
123	Distinct PEAK3 interactors and outputs expand the signaling potential of the PEAK pseudokinase family. Science Signaling, 2022, 15, eabj3554.	1.6	8
124	SH2 domain-containing signaling proteins in human breast cancer. Breast Cancer Research and Treatment, 1995, 34, 85-92.	1.1	7
125	Assignment of the HumanGRB14Gene to Chromosome 2q22–q24 by Fluorescencein SituHybridization. Genomics, 1996, 36, 218-220.	1.3	5
126	Solution structure of the human Grb14-SH2 domain and comparison with the structures of the human Grb7-SH2/erbB2 peptide complex and human Grb10-SH2 domain. Protein Science, 2004, 13, 2541-2546.	3.1	5

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127	Preface: Targeting the Human Kinome for Cancer Therapy. Critical Reviews in Oncogenesis, 2012, 17, i.	0.2	4
128	Proteomicsâ€based interrogation of the kinome and its implications for precision oncology. Proteomics, 2021, 21, 2000161.	1.3	4
129	Global ubiquitinome profiling identifies NEDD4 as a regulator of Profilin 1 and actin remodelling in neural crest cells. Nature Communications, 2022, 13, 2018.	5.8	4
130	Distinction at the leading edge of the cell. BioEssays, 2005, 27, 349-352.	1.2	3
131	Partners of wild type Grb7 and a mutant lacking its calmodulin-binding domain. Archives of Biochemistry and Biophysics, 2020, 687, 108386.	1.4	3
132	Signalling by the EGF receptor in human cancers: accentuate the positive, eliminate the negative. , $2008, 224-244$.		1
133	New insights into signalling networks regulating breast cancer stem cells. Breast Cancer Research, 2012, 14, 321.	2.2	0
134	Special Issue - Signalling. Introduction: Frontiers in cell signalling. FEBS Journal, 2013, 280, 5163-5163.	2.2	O