

# Francesco S Costanzo

## List of Publications by Year in descending order

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122  
papers

4,017  
citations

136885

32  
h-index

143943

57  
g-index

125  
all docs

125  
docs citations

125  
times ranked

4621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Administration Overcomes Resistance to Erastin-Mediated Ferroptosis in Ovarian Cancer Cells. <i>Frontiers in Oncology</i> , 2022, 12, 868351.	1.3	26
2	Whole-genome analysis of SARS-CoV-2 in a 2020 infection cluster in a nursing home of Southern Italy. <i>Infection, Genetics and Evolution</i> , 2022, 99, 105253.	1.0	5
3	Use of subcutaneous tocilizumab in patients with COVID-19 pneumonia. <i>Journal of Medical Virology</i> , 2021, 93, 32-34.	2.5	37
4	Gene expression analysis of autofluorescence margins in leukoplakia and oral carcinoma: A pilot study. <i>Oral Diseases</i> , 2021, 27, 193-203.	1.5	14
5	Effect of a novel functional tomato sauce (OsteoCol) from vine-ripened tomatoes on serum lipids in individuals with common hypercholesterolemia: tomato sauce and hypercholesterolemia. <i>Journal of Translational Medicine</i> , 2021, 19, 19.	1.8	8
6	Iron Metabolism in the Tumor Microenvironment—Implications for Anti-Cancer Immune Response. <i>Cells</i> , 2021, 10, 303.	1.8	55
7	Combined lymphocyte/monocyte count, D-dimer and iron status predict COVID-19 course and outcome in a long-term care facility. <i>Journal of Translational Medicine</i> , 2021, 19, 79.	1.8	24
8	A case report of pneumomediastinum in a COVID-19 patient treated with high-flow nasal cannula and review of the literature: Is this a spontaneous complication?. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04007.	0.2	5
9	Uncovering the Metabolic and Stress Responses of Human Embryonic Stem Cells to FTH1 Gene Silencing. <i>Cells</i> , 2021, 10, 2431.	1.8	14
10	Lipid droplets and ferritin heavy chain: a devilish liaison in human cancer cell radioresistance. <i>ELife</i> , 2021, 10, .	2.8	26
11	Clinical characteristics and predictors of mortality associated with COVID-19 in elderly patients from a long-term care facility. <i>Scientific Reports</i> , 2020, 10, 20834.	1.6	65
12	DJ-1 Proteoforms in Breast Cancer Cells: The Escape of Metabolic Epigenetic Misregulation. <i>Cells</i> , 2020, 9, 1968.	1.8	23
13	Late-onset myocardial infarction and autoimmune haemolytic anaemia in a COVID-19 patient without respiratory symptoms, concomitant with a paradoxical increase in inflammatory markers: a case report. <i>Journal of Medical Case Reports</i> , 2020, 14, 246.	0.4	16
14	FtH-Mediated ROS Dysregulation Promotes CXCL12/CXCR4 Axis Activation and EMT-Like Trans-Differentiation in Erythroleukemia K562 Cells. <i>Frontiers in Oncology</i> , 2020, 10, 698.	1.3	17
15	Targeting Cardiac Stem Cell Senescence to Treat Cardiac Aging and Disease. <i>Cells</i> , 2020, 9, 1558.	1.8	75
16	Ferroptosis and Cancer: Mitochondria Meet the Iron Maiden—Cell Death. <i>Cells</i> , 2020, 9, 1505.	1.8	253
17	COVID-19: High-JAKing of the Inflammatory “Flight” by Ruxolitinib to Avoid the Cytokine Storm. <i>Frontiers in Oncology</i> , 2020, 10, 599502.	1.3	9
18	An approach based on simulated hemolysis for establishing the hemolysis index threshold for high-sensitivity cardiac troponin T assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e314-e317.	1.4	1

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19	Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. <i>Frontiers in Immunology</i> , 2019, 10, 224.	2.2	41
20	Accumulation of Circulating CCR7+ Natural Killer Cells Marks Melanoma Evolution and Reveals a CCL19-Dependent Metastatic Pathway. <i>Cancer Immunology Research</i> , 2019, 7, 841-852.	1.6	47
21	MicroRNA let-7g acts as tumor suppressor and predictive biomarker for chemoresistance in human epithelial ovarian cancer. <i>Scientific Reports</i> , 2019, 9, 5668.	1.6	74
22	H-Ferritin Affects Cisplatin-Induced Cytotoxicity in Ovarian Cancer Cells through the Modulation of ROS. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	41
23	shRNA targeting of ferritin heavy chain activates H19/miR-675 axis in K562 cells. <i>Gene</i> , 2018, 657, 92-99.	1.0	31
24	Ferritin heavy subunit enhances apoptosis of non-small cell lung cancer cells through modulation of miR-125b/p53 axis. <i>Cell Death and Disease</i> , 2018, 9, 1174.	2.7	44
25	Evaluation of cardiac function by global longitudinal strain before and after treatment with sofosbuvir-based regimens in HCV infected patients. <i>BMC Infectious Diseases</i> , 2018, 18, 518.	1.3	12
26	Chemoresistance in H-Ferritin Silenced Cells: The Role of NF- $\kappa$ B. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2969.	1.8	12
27	Proteomics Analysis to Assess the Role of Mitochondria in BRCA1-Mediated Breast Tumorigenesis. <i>Proteomes</i> , 2018, 6, 16.	1.7	15
28	DJ-1 is a reliable serum biomarker for discriminating high-risk endometrial cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770574.	0.8	16
29	Ferritin Heavy Subunit Silencing Blocks the Erythroid Commitment of K562 Cells via miR-150 up-Regulation and GATA-1 Repression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2167.	1.8	24
30	Role of serum ferritin level on overall survival in patients with myelodysplastic syndromes: Results of a meta-analysis of observational studies. <i>PLoS ONE</i> , 2017, 12, e0179016.	1.1	24
31	Epithelial-to-mesenchymal transition in FHC-silenced cells: the role of CXCR4/CXCL12 axis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 104.	3.5	47
32	Human haematological and epithelial tumor-derived cell lines express distinct patterns of onco-microRNAs. <i>Cellular and Molecular Biology</i> , 2017, 63, 75.	0.3	12
33	FTH1P3, a Novel H-Ferritin Pseudogene Transcriptionally Active, Is Ubiquitously Expressed and Regulated during Cell Differentiation. <i>PLoS ONE</i> , 2016, 11, e0151359.	1.1	25
34	Caffeine Positively Modulates Ferritin Heavy Chain Expression in H460 Cells: Effects on Cell Proliferation. <i>PLoS ONE</i> , 2016, 11, e0163078.	1.1	17
35	Serum Calcium Increase Correlates With Worsening of Lipid Profile. <i>Medicine (United States)</i> , 2016, 95, e2774.	0.4	28
36	Ferritin heavy chain is a negative regulator of ovarian cancer stem cell expansion and epithelial to mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 62019-62033.	0.8	62

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37	H ferritin silencing induces protein misfolding in K562 cells: A Raman analysis. <i>Free Radical Biology and Medicine</i> , 2015, 89, 614-623.	1.3	26
38	H-Ferritin-Regulated MicroRNAs Modulate Gene Expression in K562 Cells. <i>PLoS ONE</i> , 2015, 10, e0122105.	1.1	30
39	Plasma Proteomic Profiling in Hereditary Breast Cancer Reveals a BRCA1-Specific Signature: Diagnostic and Functional Implications. <i>PLoS ONE</i> , 2015, 10, e0129762.	1.1	19
40	Early Effects of a Hypocaloric, Mediterranean Diet on Laboratory Parameters in Obese Individuals. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.	1.4	62
41	A Proteomics-Driven Assay Defines Specific Plasma Protein Signatures in Different Stages of Alzheimer's Disease. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1097-1100.	1.2	10
42	DJ-1 in Endometrial Cancer: A Possible Biomarker to Improve Differential Diagnosis Between Subtypes. <i>International Journal of Gynecological Cancer</i> , 2014, 24, 649-658.	1.2	31
43	Evaluating the inappropriateness of repeated laboratory testing in a teaching hospital of South Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e43-4.	1.4	1
44	Tissue expression and serum levels of periostin during pregnancy: a new biomarker of embryo-endometrial cross talk at implantation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 175, 140-144.	0.5	9
45	Identification of H ferritin-dependent and independent genes in K562 differentiating cells by targeted gene silencing and expression profiling. <i>Gene</i> , 2014, 535, 327-335.	1.0	15
46	Postmenopausal women with carotid atherosclerosis: Potential role of the serum calcium levels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 1141-1146.	1.1	10
47	Sgk1 enhances RANBP1 transcript levels and decreases taxol sensitivity in RKO colon carcinoma cells. <i>Oncogene</i> , 2013, 32, 4572-4578.	2.6	52
48	Biomarker discovery by plasma proteomics in familial Brugada Syndrome. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 564.	3.0	18
49	Polymorphic Repeat Length in the AIB1 Gene and Breast Cancer Risk in BRCA1 and BRCA2 Mutation Carriers: A Meta-Analysis of Observational Studies. <i>PLoS ONE</i> , 2013, 8, e57781.	1.1	0
50	High prevalence of polymorphism and low activity of thiopurine methyltransferase in patients with inflammatory bowel disease. <i>European Journal of Internal Medicine</i> , 2012, 23, 273-277.	1.0	12
51	Cardiac and skeletal muscle expression of mutant $\beta$ -myosin heavy chains, degree of functional impairment and phenotypic heterogeneity in hypertrophic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2012, 227, 3471-3476.	2.0	16
52	Proteomics in Alzheimer's disease. <i>Journal of Cellular Physiology</i> , 2012, 227, 308-312.	2.0	22
53	Embryonic stem cells and inducible pluripotent stem cells: two faces of the same coin?. <i>Aging</i> , 2012, 4, 878-886.	1.4	6
54	High sensitive troponin T in individuals with chest pain of presumed ischemic origin. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 2322-2327.	0.9	0

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55	H Ferritin Gene Silencing in a Human Metastatic Melanoma Cell Line: A Proteomic Analysis. <i>Journal of Proteome Research</i> , 2011, 10, 5444-5453.	1.8	29
56	Negative transcriptional regulation of the human periostin gene by YingYang-1 transcription factor. <i>Gene</i> , 2011, 487, 129-134.	1.0	11
57	BRCA1 is required for hMLH1 stabilization following doxorubicin-induced DNA damage. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1754-1763.	1.2	15
58	Fasting triglycerides and glucose index in an unselected consecutive Italian population of outpatients. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , 2011, 7, 226-227.	0.2	3
59	Assessment of an ad hoc procedure for isolation and characterization of human albuminome. <i>Analytical Biochemistry</i> , 2011, 418, 161-163.	1.1	16
60	Ferritin Heavy Chain (FHC) is Up-regulated in Papillomavirus-Associated Urothelial Tumours of the Urinary Bladder in Cattle. <i>Journal of Comparative Pathology</i> , 2010, 142, 9-18.	0.1	12
61	Continuous Coronary Sinus Perfusion Reverses Ongoing Myocardial Damage in Acute Ischemia. <i>Artificial Organs</i> , 2009, 33, 788-797.	1.0	1
62	Bilateral cataract in a subject carrying a C to A transition in the L ferritin promoter region. <i>Clinical Biochemistry</i> , 2009, 42, 911-914.	0.8	15
63	Pulsatile perfusion with intra-aortic balloon pumping ameliorates whole body response to cardiopulmonary bypass in the elderly*. <i>Critical Care Medicine</i> , 2009, 37, 902-911.	0.4	29
64	p53-Mediated downregulation of H ferritin promoter transcriptional efficiency via NF-Y. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2110-2119.	1.2	32
65	A proteomics approach to identify changes in protein profiles in serum of Familial Adenomatous Polyposis patients. <i>Cancer Letters</i> , 2008, 272, 40-52.	3.2	22
66	BRCA1 5083del19 Mutant Allele Selectively Up-Regulates Periostin Expression <i>In vitro</i> and <i>In vivo</i> . <i>Clinical Cancer Research</i> , 2008, 14, 6797-6803.	3.2	12
67	Molecular Rationales for Signal Transduction Therapy and Chemoprevention of BRCA1-Related Breast and Ovarian Tumours. <i>Current Signal Transduction Therapy</i> , 2007, 2, 165-173.	0.3	0
68	Specific changes in the proteomic pattern produced by the BRCA1-Ser1841Asn missense mutation. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 220-226.	1.2	14
69	Effects of TGF- $\beta$ and glucocorticoids on map kinase phosphorylation, IL-6/IL-11 secretion and cell proliferation in primary cultures of human lung fibroblasts. <i>Journal of Cellular Physiology</i> , 2007, 210, 489-497.	2.0	50
70	Detection and functional analysis of an SNP in the promoter of the human ferritin H gene that modulates the gene expression. <i>Gene</i> , 2006, 377, 1-5.	1.0	8
71	$\beta$ myosin mutations and phenotypic heterogeneity in hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2006, 110, 119-121.	0.8	2
72	Missense mutations of BRCA1 gene affect the binding with p53 both <i>in vitro</i> and <i>in vivo</i> . <i>Oncology Reports</i> , 2006, 16, 811.	1.2	5

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73	Electrocortical effects of MDMA are potentiated by acoustic stimulation in rats. BMC Neuroscience, 2006, 7, 13.	0.8	4
74	In vitro analysis of genomic instability triggered by BRCA1 missense mutations. Human Mutation, 2006, 27, 715-715.	1.1	9
75	Analysis and Classification of Proteomics Data, a Case Study. , 2006, , .		0
76	Missense mutations of BRCA1 gene affect the binding with p53 both in vitro and in vivo. Oncology Reports, 2006, 16, 811-5.	1.2	11
77	Endothelin-1 induces proliferation of human lung fibroblasts and IL-11 secretion through an ETA receptor-dependent activation of map kinases. Journal of Cellular Biochemistry, 2005, 96, 858-868.	1.2	48
78	Mitogen-activated protein kinases and asthma. Journal of Cellular Physiology, 2005, 202, 642-653.	2.0	92
79	Mass Spectrometry Data Analysis for Early Detection of Inherited Breast Cancer. , 2005, , 21-28.		0
80	Differential sensitivity of BRCA1-mutated HCC1937 human breast cancer cells to microtubule-interfering agents. International Journal of Oncology, 2005, 26, 1257.	1.4	11
81	A novel missense germline mutation in exon 2 of the hMSH2 gene in a HNPCC family from Southern Italy. Cancer Letters, 2005, 223, 285-291.	3.2	10
82	Differential sensitivity of BRCA1-mutated HCC1937 human breast cancer cells to microtubule-interfering agents. International Journal of Oncology, 2005, 26, 1257-63.	1.4	17
83	Effects of hydrogen peroxide on MAPK activation, IL-8 production and cell viability in primary cultures of human bronchial epithelial cells. Journal of Cellular Biochemistry, 2004, 93, 142-152.	1.2	45
84	BRCA1 expression modulates chemosensitivity of BRCA1-defective HCC1937 human breast cancer cells. British Journal of Cancer, 2003, 88, 1285-1291.	2.9	342
85	A novel Q3034R BRCA2 germline mutation identified in a fallopian tube cancer patient. Cancer Letters, 2003, 191, 211-214.	3.2	3
86	Proteomic Profiling of Inherited Breast Cancer: Identification of Molecular Targets for Early Detection, Prognosis and Treatment, and Related Bioinformatics Tools. Lecture Notes in Computer Science, 2003, , 245-257.	1.0	5
87	Effects of Transforming Growth Factor- $\beta^2$ and Budesonide on Mitogen-Activated Protein Kinase Activation and Apoptosis in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 12-18.	1.4	53
88	Human mismatch-repair protein MutL homologue 1 (MLH1) interacts with Escherichia coli MutL and MutS in vivo and in vitro: a simple genetic system to assay MLH1 function. Biochemical Journal, 2003, 371, 183-189.	1.7	11
89	An alternative model of H ferritin promoter transactivation by c-Jun. Biochemical Journal, 2002, 363, 53.	1.7	19
90	An alternative model of H ferritin promoter transactivation by c-Jun. Biochemical Journal, 2002, 363, 53-58.	1.7	21

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91	Transcription factor NF-Y regulates differentiation of CaCo-2 cells. Archives of Biochemistry and Biophysics, 2002, 407, 39-44.	1.4	14
92	Co-existence of frataxin and cardiac troponin T gene mutations in a child with Friedreich Ataxia and familial hypertrophic cardiomyopathy. Human Mutation, 2002, 19, 309-310.	1.1	9
93	Functional analysis of MLH1 mutations linked to hereditary nonpolyposis colon cancer. Genes Chromosomes and Cancer, 2002, 33, 160-167.	1.5	91
94	Functional analysis of MLH1 mutations linked to hereditary nonpolyposis colon cancer. Genes Chromosomes and Cancer, 2002, 33, 160-7.	1.5	38
95	Transcriptional regulation of the mismatch repair gene hMLH1. Gene, 2001, 275, 261-265.	1.0	21
96	Evidence of a founder mutation of BRCA1 in a highly homogeneous population from southern Italy with breast/ovarian cancer. Human Mutation, 2001, 18, 163-164.	1.1	215
97	Effects of glucocorticoids on activation of c-jun N-terminal, extracellular signal-regulated, and p38 MAP kinases in human pulmonary endothelial cells. Abbreviations: AP-1, activator protein-1; Dex, dexamethasone; ERK, extracellular signal-regulated kinases; GCS, glucocorticosteroids; GR, glucocorticoid receptors; H2O2, hydrogen peroxide; HMVEC-L, human microvascular endothelial cells from lung; IL-1 $\beta$ , interleukin-1 $\beta$ ; INK, c-jun N-terminal kinases; MAPK, mitogen-activated protein kinases; Test, testosterone. Biochemical Pharmacology, 2001, 62, 1719-1724.	2.0	26
98	Detection of microsatellite instability and loss of heterozygosity in serum DNA of small and non-small cell lung cancer patients: a tool for early diagnosis?. Lung Cancer, 2000, 30, 211-214.	0.9	22
99	The B Subunit of the CAAT-binding Factor NFY Binds the Central Segment of the Co-activator p300. Journal of Biological Chemistry, 1999, 274, 7623-7626.	1.6	80
100	Hereditary nonpolyposis colorectal cancer: Identification of novel germline mutations in two kindreds not fulfilling the Amsterdam criteria. Human Mutation, 1998, 12, 433-433.	1.1	9
101	Identification by Differential Display of Transcripts Regulated during Hematopoietic Differentiation. Stem Cells, 1998, 16, 136-143.	1.4	12
102	P/CAF/p300 complex binds the promoter for the heavy subunit of ferritin and contributes to its tissue-specific expression. Biochemical Journal, 1998, 335, 521-525.	1.7	24
103	A Common Mechanism Underlying the E1A Repression and the cAMP Stimulation of the H Ferritin Transcription. Journal of Biological Chemistry, 1997, 272, 20736-20741.	1.6	37
104	Okadaic Acid Stimulates H Ferritin Transcription in HeLa Cells by Increasing the Interaction between the p300 CO-Activator Molecule and the Transcription Factor Bbf. Biochemical and Biophysical Research Communications, 1997, 240, 179-182.	1.0	7
105	Transcriptional activation of the H-ferritin gene in differentiated Caco-2 cells parallels a change in the activity of the nuclear factor Bbf. Biochemical Journal, 1995, 311, 769-773.	1.7	30
106	The DNA sequence encompassing the transcription start site of a TATA-less promoter contains enough information to drive neuron-specific transcription. Nucleic Acids Research, 1994, 22, 4876-4883.	6.5	32
107	Transcriptional regulation of the human H ferritin-encoding gene (FERH) in G418-treated cells: role of the B-box-binding factor. Gene, 1994, 141, 287-291.	1.0	26
108	Linkage disequilibrium of three polymorphic RFLP markers in the apolipoprotein AI-CIII gene cluster on chromosome 11. Human Genetics, 1993, 91, 169-74.	1.8	16

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109	Promoter for the human ferritin heavy chain-encoding gene (FERH): structural and functional characterization. <i>Gene</i> , 1992, 111, 255-260.	1.0	36
110	Inhibition by anti-HLA class I mAb of IL-2 and IL-2 receptor synthesis in lymphocytes stimulated with PHA-P. <i>Cellular Immunology</i> , 1990, 126, 420-427.	1.4	10
111	Isolation of cDNA Fragments Hybridizing to Rat Brain-Specific mRNAs. <i>Developmental Neuroscience</i> , 1990, 12, 373-381.	1.0	16
112	Lack of a role of monocytes in the inhibition by monoclonal antibodies to monomorphic and polymorphic determinants of HLA class I antigens of PHA-P-induced peripheral blood mononuclear cell proliferation. <i>Cellular Immunology</i> , 1989, 122, 164-177.	1.4	9
113	Expression of genes of ferritin subunits in human hepatoma cell lines. <i>Biochemical and Biophysical Research Communications</i> , 1989, 161, 902-909.	1.0	11
114	The transcriptional efficiency of clustered tRNA genes is affected by their position within the cluster. <i>Biochemical and Biophysical Research Communications</i> , 1987, 149, 1118-1124.	1.0	4
115	Nudeotide sequence of a mouse tRNA gene cluster. <i>Nucleic Acids Research</i> , 1987, 15, 8562-8562.	6.5	7
116	Structure and in vitro transcription of tRNA gene clusters containing the primers of MuLV reverse transcriptase. <i>FEBS Journal</i> , 1986, 158, 437-442.	0.2	20
117	Cloning of the gene coding for human L apoferritin. <i>Nucleic Acids Research</i> , 1986, 14, 2863-2876.	6.5	109
118	Structure of gene and pseudogenes of human apoferritin H. <i>Nucleic Acids Research</i> , 1986, 14, 721-736.	6.5	139
119	Common and interchangeable elements in the promoters of genes transcribed by RNA polymerase III. <i>Cell</i> , 1983, 32, 725-733.	13.5	186
120	Stretches of alternating poly(T-dG), with the capacity to form Z-DNA, are present in human liver transcripts. <i>FEBS Letters</i> , 1983, 155, 69-72.	1.3	12
121	Cloning and sequencing of a full length cDNA coding for human retinol-binding protein. <i>Nucleic Acids Research</i> , 1983, 11, 7769-7776.	6.5	104
122	Sequence of human haptoglobin cDNA: evidence that the $\hat{1}\pm$ and $\hat{1}^2$ subunits are coded by the same mRNA. <i>Nucleic Acids Research</i> , 1983, 11, 5811-5819.	6.5	78