

Aurora Daniele

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

3,948
citations

117453

34
h-index

149479

56
g-index

127
all docs

127
docs citations

127
times ranked

5701
citing authors

#	ARTICLE	IF	CITATIONS
1	New Insight into Adiponectin Role in Obesity and Obesity-Related Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	425
2	ACE2: The Major Cell Entry Receptor for SARS-CoV-2. <i>Lung</i> , 2020, 198, 867-877.	1.4	304
3	Biological and Nutritional Properties of Palm Oil and Palmitic Acid: Effects on Health. <i>Molecules</i> , 2015, 20, 17339-17361.	1.7	299
4	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 2941.	1.6	102
5	Adiponectin affects lung epithelial A549 cell viability counteracting TNF α and IL-1 β toxicity through AdipoR1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1145-1153.	1.2	97
6	Adiponectin as Link Factor between Adipose Tissue and Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 839.	1.8	91
7	Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. <i>Molecules</i> , 2017, 22, 1217.	1.7	78
8	Adiponectin oligomers as potential indicators of adipose tissue improvement in obese subjects. <i>European Journal of Endocrinology</i> , 2013, 169, 37-43.	1.9	77
9	Cloning of cDNA for a novel mouse membrane glycoprotein (gp42): shared identity to histocompatibility antigens, immunoglobulins and neural-cell adhesion molecules. <i>Gene</i> , 1989, 85, 445-451.	1.0	76
10	COVID-19: Role of Nutrition and Supplementation. <i>Nutrients</i> , 2021, 13, 976.	1.7	67
11	Adiponectin oligomerization state and adiponectin receptors airway expression in chronic obstructive pulmonary disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 563-569.	1.2	62
12	Potential Mechanisms Linking Atherosclerosis and Increased Cardiovascular Risk in COPD: Focus On Sirtuins. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12696-12713.	1.8	60
13	The burden of obesity in asthma and COPD: Role of adiponectin. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 43, 20-25.	1.1	60
14	Adiponectin: An Attractive Marker for Metabolic Disorders in Chronic Obstructive Pulmonary Disease (COPD). <i>Nutrients</i> , 2013, 5, 4115-4125.	1.7	59
15	Role of Functional Beverages on Sport Performance and Recovery. <i>Nutrients</i> , 2018, 10, 1470.	1.7	48
16	Effects of Very Low Calorie Ketogenic Diet on the Orexinergic System, Visceral Adipose Tissue, and ROS Production. <i>Antioxidants</i> , 2019, 8, 643.	2.2	47
17	Biochemical Characterization of Arylsulfatase E and Functional Analysis of Mutations Found in Patients with X-Linked Chondrodysplasia Punctata. <i>American Journal of Human Genetics</i> , 1998, 62, 562-572.	2.6	46
18	Anabolic androgenic steroids and carcinogenicity focusing on Leydig cell: a literature review. <i>Oncotarget</i> , 2018, 9, 19415-19426.	0.8	46

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19	Molecular mechanisms involved in the positive effects of physical activity on coping with COVID-19. <i>European Journal of Applied Physiology</i> , 2020, 120, 2569-2582.	1.2	45
20	Pulmonary Hypertension and Obesity: Focus on Adiponectin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 912.	1.8	43
21	Functional foods and cardiometabolic diseases. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1272-1300.	1.1	40
22	Adiponectin down-regulates CREB and inhibits proliferation of A549 lung cancer cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 45, 114-120.	1.1	40
23	Adiponectin profile and Irisin expression in Italian obese children: Association with insulin-resistance. <i>Cytokine</i> , 2017, 94, 8-13.	1.4	40
24	A Functional Interplay between IGF-1 and Adiponectin. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2145.	1.8	40
25	Î²-Defensins in the Fight against <i>Helicobacter pylori</i> . <i>Molecules</i> , 2017, 22, 424.	1.7	40
26	Differentially expressed and activated proteins associated with non small cell lung cancer tissues. <i>Respiratory Research</i> , 2015, 16, 74.	1.4	39
27	The absence of polymorphisms in ADRB3, UCP1, PPARÎ³, and ADIPOQ genes protects morbid obese patients toward insulin resistance. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 2-4.	1.8	38
28	Heparan N-sulfatase gene: two novel mutations and transient expression of 15 defects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1501, 1-11.	1.8	37
29	Analysis of Adiponectin Gene and Comparison of Its Expression in Two Different Pig Breeds. <i>Obesity</i> , 2008, 16, 1869-1874.	1.5	37
30	Adiponectin and colon cancer: evidence for inhibitory effects on viability and migration of human colorectal cell lines. <i>Molecular and Cellular Biochemistry</i> , 2018, 448, 125-135.	1.4	37
31	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. <i>Molecules</i> , 2020, 25, 1049.	1.7	37
32	Molecular Epidemiology of Phenylalanine Hydroxylase Deficiency in Southern Italy: a 96% Detection Rate with Ten Novel Mutations. <i>Annals of Human Genetics</i> , 2007, 71, 185-193.	0.3	35
33	l-Lactate metabolism in HEP G2 cell mitochondria due to the l-lactate dehydrogenase determines the occurrence of the lactate/pyruvate shuttle and the appearance of oxaloacetate, malate and citrate outside mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1679-1690.	0.5	35
34	Quality of Life (QoL) assessment in a cohort of patients with Phenylketonuria. <i>BMC Public Health</i> , 2014, 14, 1243.	1.2	35
35	An ancestral host defence peptide within human Î²-defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2016, 5, 18450.	1.6	35
36	Adiponectin in Asthma: Implications for Phenotyping. <i>Current Protein and Peptide Science</i> , 2015, 16, 182-187.	0.7	35

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37	Chimeric Beta-Defensin Analogs, Including the Novel 3NI Analog, Display Salt-Resistant Antimicrobial Activity and Lack Toxicity in Human Epithelial Cell Lines. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1701-1708.	1.4	33
38	Adiponectin and Orexin-A as a Potential Immunity Link Between Adipose Tissue and Central Nervous System. <i>Frontiers in Physiology</i> , 2018, 9, 982.	1.3	33
39	Aqueous humor levels of vascular endothelial growth factor and adiponectin in patients with type 2 diabetes before and after intravitreal bevacizumab injection. <i>Experimental Eye Research</i> , 2013, 110, 50-54.	1.2	32
40	Design and activity of a cyclic mini beta;-defensin analog: a novel antimicrobial tool. <i>International Journal of Nanomedicine</i> , 2015, 10, 6523.	3.3	30
41	Total and High Molecular Weight Adiponectin Expression Is Decreased in Patients with Common Variable Immunodeficiency: Correlation with Ig Replacement Therapy. <i>Frontiers in Immunology</i> , 2017, 8, 895.	2.2	30
42	Functional and structural characterization of novel mutations and genotype–phenotype correlation in 51 phenylalanine hydroxylase deficient families from Southern Italy. <i>FEBS Journal</i> , 2009, 276, 2048-2059.	2.2	29
43	Long-term follow-up of patients with phenylketonuria treated with tetrahydrobiopterin: a seven years experience. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 14.	1.2	29
44	The anti-proliferative effects of adiponectin on human lung adenocarcinoma A549–cells and oxidative stress involvement. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 55, 25-30.	1.1	29
45	Effects of Plant Oil Interesterified Triacylglycerols on Lipemia and Human Health. <i>International Journal of Molecular Sciences</i> , 2018, 19, 104.	1.8	28
46	Cloning and Characterization of the cDNA for the Murine Iduronate Sulfatase Gene. <i>Genomics</i> , 1993, 16, 755-757.	1.3	27
47	Decreased concentration of adiponectin together with a selective reduction of its high molecular weight oligomers is involved in metabolic complications of myotonic dystrophy type 1. <i>European Journal of Endocrinology</i> , 2011, 165, 969-975.	1.9	27
48	Evaluation of adiponectin profile in Italian patients affected by obstructive sleep apnea syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 40, 104-108.	1.1	27
49	Adiponectin profile at baseline is correlated to progression and severity of multiple sclerosis. <i>European Journal of Neurology</i> , 2019, 26, 348-355.	1.7	27
50	Altered brain protein expression profiles are associated with molecular neurological dysfunction in the <sc>PKU</sc> mouse model. <i>Journal of Neurochemistry</i> , 2014, 129, 1002-1012.	2.1	26
51	Adiponectin as Novel Regulator of Cell Proliferation in Human Glioblastoma. <i>Journal of Cellular Physiology</i> , 2014, 229, 1444-1454.	2.0	26
52	Adiponectin Expression and Genotypes in Italian People with Severe Obesity Undergone a Hypocaloric Diet and Physical Exercise Program. <i>Nutrients</i> , 2019, 11, 2195.	1.7	25
53	Evaluation of salivary adiponectin profile in obese patients. <i>Peptides</i> , 2015, 63, 150-155.	1.2	24
54	Membrane Protein 4F2/CD98 Is a Cell Surface Receptor Involved in the Internalization and Trafficking of Human β -Defensin 3 in Epithelial Cells. <i>Chemistry and Biology</i> , 2015, 22, 217-228.	6.2	23

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55	The Important Role of Adiponectin and Orexin-A, Two Key Proteins Improving Healthy Status: Focus on Physical Activity. <i>Frontiers in Physiology</i> , 2020, 11, 356.	1.3	22
56	Molecular Analysis of the Adiponectin Gene in Severely Obese Patients from Southern Italy. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 155-161.	1.0	21
57	Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. <i>Frontiers in Physiology</i> , 2018, 9, 259.	1.3	21
58	Expression of five iduronate-2-sulfatase site-directed mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1501, 71-80.	1.8	20
59	Natural phenylalanine hydroxylase variants that confer a mild phenotype affect the enzyme's conformational stability and oligomerization equilibrium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1435-1445.	1.8	20
60	Adiponectin Expression Is Modulated by Long-Term Physical Activity in Adult Patients Affected by Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-7.	1.4	20
61	AdipoRon Affects Cell Cycle Progression and Inhibits Proliferation in Human Osteosarcoma Cells. <i>Journal of Oncology</i> , 2020, 2020, 1-12.	0.6	20
62	GDM-complicated pregnancies: focus on adipokines. <i>Molecular Biology Reports</i> , 2021, 48, 8171-8180.	1.0	20
63	Supervised physical exercise improves clinical, anthropometric and biochemical parameters in adult cystic fibrosis patients: A 2-year evaluation. <i>Clinical Respiratory Journal</i> , 2018, 12, 2228-2234.	0.6	19
64	Metabolic Perturbations and Severe COVID-19 Disease: Implication of Molecular Pathways. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-10.	0.6	19
65	Heparan N-Sulfatase: In Vitro Mutagenesis of Potential N-Glycosylation Sites. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 1251-1257.	1.0	18
66	Analysis of Sanfilippo A gene mutations in a large pedigree. <i>Clinical Genetics</i> , 2003, 63, 314-318.	1.0	18
67	Sports training and adaptive changes. <i>Sport Sciences for Health</i> , 2018, 14, 705-708.	0.4	18
68	Uptake of recombinant iduronate-2-sulfatase into neuronal and glial cells in vitro. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1588, 203-209.	1.8	17
69	AdipoRon and Other Adiponectin Receptor Agonists as Potential Candidates in Cancer Treatments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5569.	1.8	17
70	Adiponectin Is Inversely Associated With Tumour Grade in Colorectal Cancer Patients. <i>Anticancer Research</i> , 2020, 40, 3751-3757.	0.5	16
71	Adiponectin and leptin exert antagonizing effects on proliferation and motility of papillary thyroid cancer cell lines. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 237-248.	1.3	16
72	Hunter syndrome: presence of material cross-reacting with antibodies against iduronate sulfatase. <i>Human Genetics</i> , 1987, 75, 234-238.	1.8	15

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73	New synthetic AICAR derivatives with enhanced AMPK and ACC activation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 748-753.	2.5	15
74	Implications of the Adiponectin System in Non-Small Cell Lung Cancer Patients: A Case-Control Study. <i>Biomolecules</i> , 2020, 10, 926.	1.8	15
75	Cancer Initiation, Progression and Resistance: Are Phytocannabinoids from <i>Cannabis sativa</i> L. Promising Compounds?. <i>Molecules</i> , 2021, 26, 2668.	1.7	15
76	Functional analysis of melanocortin-4-receptor mutants identified in severely obese subjects living in Southern Italy. <i>Gene</i> , 2010, 457, 35-41.	1.0	13
77	Reversal of Metabolic and Neurological Symptoms of Phenylketonuric Mice Treated with a PAH Containing Helper-Dependent Adenoviral Vector. <i>Current Gene Therapy</i> , 2012, 12, 48-56.	0.9	13
78	Gene molecular analysis and Adiponectin expression in professional Water Polo players. <i>Cytokine</i> , 2016, 81, 88-93.	1.4	13
79	Biochemical diagnosis of mucopolysaccharidoses: Experience of 297 diagnoses in a 15-year period (1977-1991). <i>Journal of Inherited Metabolic Disease</i> , 1993, 16, 473-483.	1.7	12
80	Adiponectin Receptors and Pro-inflammatory Cytokines Are Modulated in Common Variable Immunodeficiency Patients: Correlation With Ig Replacement Therapy. <i>Frontiers in Immunology</i> , 2019, 10, 2812.	2.2	12
81	Heterogeneity of DNA and RNA in Hunter patients. <i>Human Genetics</i> , 1993, 92, 350-352.	1.8	11
82	Five human phenylalanine hydroxylase proteins identified in mild hyperphenylalaninemia patients are disease-causing variants. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 378-384.	1.8	11
83	Nutritional factors influencing plasma adiponectin levels: results from a randomised controlled study with whole-grain cereals. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 509-515.	1.3	11
84	Adiponectin Role in Neurodegenerative Diseases: Focus on Nutrition Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9255.	1.8	11
85	Biosynthesis of Alpha-N-Acetylglucosaminidase in Cultured Human Kidney Carcinoma Cells. <i>Enzyme</i> , 1985, 33, 75-83.	0.7	10
86	Iduronate sulfatase from human placenta. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 839, 258-261.	1.1	10
87	Animal models for lysosomal storage diseases: A new case of feline mucopolysaccharidosis VI. <i>Journal of Inherited Metabolic Disease</i> , 1992, 15, 17-24.	1.7	10
88	Tissue-specific downregulation of the adiponectin system: possible implications for fat accumulation tendency in the pig. <i>Domestic Animal Endocrinology</i> , 2013, 44, 131-138.	0.8	10
89	Cationic nucleopeptides as novel non-covalent carriers for the delivery of peptide nucleic acid (PNA) and RNA oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2539-2550.	1.4	10
90	Adiponectin is Associated with Neutrophils to Lymphocyte Ratio in Patients with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 70-75.	0.7	10

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91	SARS-CoV-2: One Year in the Pandemic. What Have We Learned, the New Vaccine Era and the Threat of SARS-CoV-2 Variants. <i>Biomedicines</i> , 2021, 9, 611.	1.4	10
92	HeparanN-sulfatase: cysteine 70 plays a role in the enzyme catalysis and processing. <i>FEBS Letters</i> , 2001, 505, 445-448.	1.3	9
93	Paternally inherited case of congenital DM1: Brain MRI and review of literature. <i>Brain and Development</i> , 2009, 31, 79-82.	0.6	9
94	Late diagnosis of Fabry disease caused by a de novo mutation in a patient with end stage renal disease. <i>BMC Research Notes</i> , 2015, 8, 711.	0.6	9
95	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. <i>Journal of Peptide Science</i> , 2017, 23, 303-310.	0.8	9
96	Adiponectin and Leptin Exert Antagonizing Effects on HUVEC Tube Formation and Migration Modulating the Expression of CXCL1, VEGF, MMP-2 and MMP-9. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7516.	1.8	9
97	Role of adiponectin in sphingosine-1-phosphate induced airway hyperresponsiveness and inflammation. <i>Pharmacological Research</i> , 2016, 103, 114-122.	3.1	8
98	Impact of Physical Activity on Cognitive Functions: A New Field for Research and Management of Cystic Fibrosis. <i>Diagnostics</i> , 2020, 10, 489.	1.3	8
99	Food, Nutrition, Physical Activity and Microbiota: Which Impact on Lung Cancer?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2399.	1.2	8
100	The calf superoxide dismutase receptor of rat hepatocytes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 108, 309-313.	0.2	7
101	Adiponectin in Cerebrospinal Fluid from Patients Affected by Multiple Sclerosis Is Correlated with the Progression and Severity of Disease. <i>Molecular Neurobiology</i> , 2021, 58, 2663-2670.	1.9	7
102	Urtica dioica L. leaf chemical composition: A never-ending disclosure by means of HR-MS/MS techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113892.	1.4	7
103	Cannabidiolic acid in Hemp Seed Oil Table Spoon and Beyond. <i>Molecules</i> , 2022, 27, 2566.	1.7	7
104	Cell-to-cell contact between normal fibroblasts and lymphoblasts deficient in lysosomal enzymes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1992, 1138, 143-148.	1.8	6
105	Pituitary function and morphology in Fabry disease. <i>Endocrine</i> , 2015, 50, 483-488.	1.1	5
106	Physical Activity Regulates TNF α and IL-6 Expression to Counteract Inflammation in Cystic Fibrosis Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4691.	1.2	5
107	Mapping of Human Hexokinase 1 Gene to10q11&arr;qter. <i>Human Heredity</i> , 1992, 42, 107-110.	0.4	4
108	Case Report: Concurrent Resistance and Aerobic Training Regulate Adiponectin Expression and Disease Severity in Multiple Sclerosis: A Case Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 567302.	1.4	4

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109	A novel smaller Î²-defensin-derived peptide is active against multidrug-resistant bacterial strains. <i>FASEB Journal</i> , 2021, 35, e22026.	0.2	4
110	Mannose-binding lectin genetic analysis: possible protective role of the HYPA haplotype in the development of recurrent urinary tract infections in men. <i>International Journal of Infectious Diseases</i> , 2014, 19, 100-102.	1.5	3
111	microRNA-377p downregulates the oncosuppressor E-cadherin in colorectal adenocarcinoma cells. <i>Cell Biology International</i> , 2021, 45, 1797-1803.	1.4	3
112	Evaluation of two different 1-year training programs among prepuberal female children. <i>German Journal of Exercise and Sport Research</i> , 2022, 52, 68-75.	1.0	3
113	AdipoRon negatively regulates proliferation and migration of ARPE-19 human retinal pigment epithelial cells. <i>Peptides</i> , 2021, 146, 170676.	1.2	3
114	COVID19 Pandemic and Physical Activity: An Observational Study on Sleep Quality and Anxiety. <i>Sports</i> , 2022, 10, 44.	0.7	3
115	An attempt towards a new approach to localized ERG. <i>Documenta Ophthalmologica</i> , 1973, 34, 57-65.	1.0	2
116	Evaluation of Allergic Diseases, Symptom Control, and Relation to Infections in a Group of Italian Elite Mountain Bikers. <i>Clinical Journal of Sport Medicine</i> , 2018, Publish Ahead of Print, 465-469.	0.9	2
117	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1261-1268.	0.4	2
118	The Mouse Iduronate Sulfatase Gene: Identification of a Novel Transcript. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 1030-1037.	1.0	1
119	Dietary influence on adiponectin in patients with type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13548.	1.7	1
120	Treatment with sera from Water Polo athletes activates AMPKÎ± and ACC proteins In HepG2 hepatoma cell line. <i>Sport Sciences for Health</i> , 2021, 17, 745-752.	0.4	1
121	PPARÎ³ and ADRB3 polymorphisms analysis and Irisin expression in professional water polo players. <i>Sport Sciences for Health</i> , 2017, 13, 395-401.	0.4	1
122	Cloning and expression of a new human polypeptide which regulates protein phosphorylation in <i>Escherichia coli</i> . <i>Molecular and Cellular Biochemistry</i> , 1991, 107, 87-94.	1.4	0
123	Congenital mono-ophthalmia syndrome. <i>Strabismus</i> , 1995, 3, 157-162.	0.4	0
124	Image quality in time-resolved laser transillumination by time-correlated single photon counting. , 2006, 6191, 413.		0
125	Expression of the two iduronate-2-sulfatase cDNAs. <i>IUBMB Life</i> , 1995, 36, 311-7.	0.1	0