

# Douglas A Brooks

## List of Publications by Year in descending order

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156  
papers

4,788  
citations

94433

37  
h-index

123424

61  
g-index

161  
all docs

161  
docs citations

161  
times ranked

7854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an optical fiber-based redox monitoring system for tissue metabolism. <i>Journal of Biophotonics</i> , 2022, 15, e202100304.	2.3	3
2	Lipid uptake in chronic lymphocytic leukemia. <i>Experimental Hematology</i> , 2022, 106, 58-67.	0.4	5
3	Therapeutic Targeting of Endosome and Mitochondrial Reactive Oxygen Species Protects Mice From Influenza Virus Morbidity. <i>Frontiers in Pharmacology</i> , 2022, 13, 870156.	3.5	2
4	Fluorescence Microscopy—An Outline of Hardware, Biological Handling, and Fluorophore Considerations. <i>Cells</i> , 2022, 11, 35.	4.1	30
5	A 3,4-dimethoxy-1,8-naphthalimide for lipid droplet imaging in live and fixed cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 365, 131921.	7.8	8
6	Endothelial NOX4 Oxidase Negatively Regulates Inflammation and Improves Morbidity During Influenza A Virus Lung Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	4
7	Rhenium(I) conjugates as tools for tracking cholesterol in cells. <i>Metallomics</i> , 2022, 14, .	2.4	4
8	In utero substrate restriction by placental insufficiency or maternal undernutrition decreases optical redox ratio in foetal perirenal fat. <i>Journal of Biophotonics</i> , 2021, 14, e202000322.	2.3	4
9	Platelets, immune cells and the coagulation cascade; friend or foe of the circulating tumour cell?. <i>Molecular Cancer</i> , 2021, 20, 59.	19.2	70
10	LC-MS/MS analysis of vitamin D3 metabolites in human serum using a salting-out based liquid-liquid extraction and DAPTAD derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122654.	2.3	10
11	Spectroscopic and Molecular Docking Study of the Interaction between Neutral Re(I) Tetrazolate Complexes and Bovine Serum Albumin. <i>Chemistry - A European Journal</i> , 2021, 27, 11406-11417.	3.3	9
12	Survival Outcomes of Nonsmall Cell Lung Cancer Patients Treated with Afatinib Who Are Affected by Early Adverse Events. <i>Journal of Oncology</i> , 2021, 2021, 1-6.	1.3	0
13	Neutral Re(I) Complex Platform for Live Intracellular Imaging. <i>Inorganic Chemistry</i> , 2021, 60, 10173-10185.	4.0	10
14	Redox ratio in the left ventricle of the growth restricted fetus is positively correlated with cardiac output. <i>Journal of Biophotonics</i> , 2021, 14, e202100157.	2.3	9
15	Mitochondrial Reactive Oxygen Species Contribute to Pathological Inflammation During Influenza A Virus Infection in Mice. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 929-942.	5.4	60
16	Detecting metabolic differences in fetal and adult sheep adipose and skeletal muscle tissues. <i>Journal of Biophotonics</i> , 2020, 13, e201960085.	2.3	10
17	Influenza A virus causes maternal and fetal pathology via innate and adaptive vascular inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24964-24973.	7.1	34
18	Cross-Coupling of Amide and Amide Derivatives to Umbelliferone Nonaflates: Synthesis of Coumarin Derivatives and Fluorescent Materials. <i>Journal of Organic Chemistry</i> , 2020, 85, 7986-7999.	3.2	12

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19	Identification of Novel miRNAs Involved in Cardiac Repair Following Infarction in Fetal and Adolescent Sheep Hearts. <i>Frontiers in Physiology</i> , 2020, 11, 614.	2.8	5
20	Differential gene responses 3 days following infarction in the fetal and adolescent sheep heart. <i>Physiological Genomics</i> , 2020, 52, 143-159.	2.3	4
21	Targeting Evolutionary Conserved Oxidative Stress and Immunometabolic Pathways for the Treatment of Respiratory Infectious Diseases. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 993-1013.	5.4	20
22	CDKI-73 Is a Novel Pharmacological Inhibitor of Rab11 Cargo Delivery and Innate Immune Secretion. <i>Cells</i> , 2020, 9, 372.	4.1	6
23	Spatial Properties of Reactive Oxygen Species Govern Pathogen-Specific Immune System Responses. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 982-992.	5.4	18
24	Photophysical and Biological Properties of Iridium Tetrazolato Complexes Functionalised with Fatty Acid Chains. <i>Inorganics</i> , 2020, 8, 23.	2.7	4
25	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. <i>PLoS ONE</i> , 2020, 15, e0243715.	2.5	7
26	599â€¦Circulating tumour cells in breast and ovarian cancer: size-based isolation and ex vivo expansion. , 2020, , .		0
27	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
28	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
29	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
30	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
31	Evaluation of Small Molecule Drug Uptake in Patient-Derived Prostate Cancer Explants by Mass Spectrometry. <i>Scientific Reports</i> , 2019, 9, 15008.	3.3	14
32	CHRONIC LYMPHOCYTIC LEUKAEMIA RELIES ON LIPID SCAVENGING AND SYNTHESIS AS AN ENERGY SOURCE. <i>Experimental Hematology</i> , 2019, 76, S89.	0.4	0
33	Novel endosomal NOX2 oxidase inhibitor ameliorates pandemic influenza A virusâ€¦induced lung inflammation in mice. <i>Respirology</i> , 2019, 24, 1011-1017.	2.3	25
34	Development of a 13C Stable Isotope Assay for Dipeptidyl Peptidase-4 Enzyme Activity A New Breath Test for Dipeptidyl Peptidase Activity. <i>Scientific Reports</i> , 2019, 9, 4906.	3.3	5
35	Differential Response to Injury in Fetal and Adolescent Sheep Hearts in the Immediate Post-myocardial Infarction Period. <i>Frontiers in Physiology</i> , 2019, 10, 208.	2.8	17
36	Intranasal and epicutaneous administration of Toll-like receptor 7 (TLR7) agonists provides protection against influenza A virus-induced morbidity in mice. <i>Scientific Reports</i> , 2019, 9, 2366.	3.3	31

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37	A Practical Guide to Prepare and Synthetically Modify Graphene Quantum Dots. <i>Advanced Functional Materials</i> , 2019, 29, 1808740.	14.9	81
38	A Paradigm in Immunochemistry, Revealed by Monoclonal Antibodies to Spatially Distinct Epitopes on Syntenin-1. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6035.	4.1	5
39	Dysregulated fibronectin trafficking by Hsp90 inhibition restricts prostate cancer cell invasion. <i>Scientific Reports</i> , 2018, 8, 2090.	3.3	31
40	Label-free imaging of healthy and infarcted fetal sheep hearts by two-photon microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201600296.	2.3	6
41	Label-free imaging of redox status and collagen deposition showing metabolic differences in the heart. <i>Journal of Biophotonics</i> , 2018, 11, e201700242.	2.3	6
42	Synthesis, photophysical and cellular characterisation of folate and methotrexate labelled luminescent lanthanide complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 178, 32-42.	3.5	9
43	Bright lights down under: Metal ion complexes turning the spotlight on metabolic processes at the cellular level. <i>Coordination Chemistry Reviews</i> , 2018, 375, 234-255.	18.8	9
44	Norbornane-based cationic antimicrobial peptidomimetics targeting the bacterial membrane. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 9-22.	5.5	22
45	The role of miRNA regulation in fetal cardiomyocytes, cardiac maturation and the risk of heart disease in adults. <i>Journal of Physiology</i> , 2018, 596, 5625-5640.	2.9	32
46	Mitochondrial imaging in live or fixed tissues using a luminescent iridium complex. <i>Scientific Reports</i> , 2018, 8, 8191.	3.3	29
47	Beyond PSA testing for prostate cancer. <i>Medical Journal of Australia</i> , 2018, 208, 426-427.	1.7	2
48	Lipid profiles of prostate cancer cells. <i>Oncotarget</i> , 2018, 9, 35541-35552.	1.8	31
49	NOX2 oxidase expressed in endosomes promotes cell proliferation and prostate tumour development. <i>Oncotarget</i> , 2018, 9, 35378-35393.	1.8	21
50	A fibre optic fluorescence sensor to measure redox level in tissues. , 2018, , .		0
51	Chronic Lymphocytic Leukaemia Relies on Lipid Scavenging and Synthesis As an Energy Source. <i>Blood</i> , 2018, 132, 3117-3117.	1.4	2
52	Akt signaling as a mediator of cardiac adaptation to low birth weight. <i>Journal of Endocrinology</i> , 2017, 233, R81-R94.	2.6	18
53	A europium-based "off-on" colourimetric detector of singlet oxygen. <i>Inorganica Chimica Acta</i> , 2017, 462, 236-240.	2.4	11
54	Proteome Analysis of <i>Drosophila</i> Mutants Identifies a Regulatory Role for 14-3-3 $\mu$ in Metabolic Pathways. <i>Journal of Proteome Research</i> , 2017, 16, 1976-1987.	3.7	2

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55	Investigating Intracellular Localisation and Cytotoxicity Trends for Neutral and Cationic Iridium Tetrazolato Complexes in Live Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 15666-15679.	3.3	53
56	Imaging and lipidomics methods for lipid analysis in metabolic and cardiovascular disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 566-574.	1.4	3
57	Endosomal NOX2 oxidase exacerbates virus pathogenicity and is a target for antiviral therapy. <i>Nature Communications</i> , 2017, 8, 69.	12.8	111
58	Intracellular distribution and stability of a luminescent rhenium( <sup>I</sup> ) tricarbonyl tetrazolato complex using epifluorescence microscopy in conjunction with X-ray fluorescence imaging. <i>Metallomics</i> , 2017, 9, 382-390.	2.4	31
59	Adverse Intrauterine Environment and Cardiac miRNA Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2628.	4.1	24
60	A Molecular Probe for the Detection of Polar Lipids in Live Cells. <i>PLoS ONE</i> , 2016, 11, e0161557.	2.5	29
61	<i>Drosophila</i> Pkaap regulates Rab4/Rab11-dependent traffic and Rab11 exocytosis of innate immune cargo. <i>Biology Open</i> , 2016, 5, 678-688.	1.2	9
62	Drug induced exocytosis of glycogen in Pompe disease. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 721-727.	2.1	6
63	Imaging nuclear, endoplasmic reticulum and plasma membrane events in real time. <i>FEBS Letters</i> , 2016, 590, 3051-3060.	2.8	22
64	Targeting prostate cancer cells with genetically engineered polypeptide-based micelles displaying gastrin-releasing peptide. <i>International Journal of Pharmaceutics</i> , 2016, 513, 270-279.	5.2	25
65	Unprecedented staining of polar lipids by a luminescent rhenium complex revealed by FTIR microspectroscopy in adipocytes. <i>Molecular BioSystems</i> , 2016, 12, 2064-2068.	2.9	26
66	NOX2 oxidase expressed in endosomes exacerbates influenza pathogenicity. , 2016, , .		0
67	Glycogen Exocytosis from Cultured Pompe Skin Fibroblasts. <i>Translational Biomedicine</i> , 2015, 6, .	0.1	5
68	IGF-2R-G <sup>±</sup> signaling and cardiac hypertrophy in the low-birth-weight lamb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R627-R635.	1.8	27
69	Low birth weight activates the renin-angiotensin system, but limits cardiac angiogenesis in early postnatal life. <i>Physiological Reports</i> , 2015, 3, e12270.	1.7	20
70	Absence of $\beta$ -galactosidase cross-correction in Fabry heterozygote cultured skin fibroblasts. <i>Molecular Genetics and Metabolism</i> , 2015, 114, 268-273.	1.1	19
71	Atg9 is required for intraluminal vesicles in amphisomes and autolysosomes. <i>Biology Open</i> , 2015, 4, 1345-1355.	1.2	40
72	Regulation of microRNA during cardiomyocyte maturation in sheep. <i>BMC Genomics</i> , 2015, 16, 541.	2.8	17

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73	Endosomal gene expression: a new indicator for prostate cancer patient prognosis?. <i>Oncotarget</i> , 2015, 6, 37919-37929.	1.8	36
74	Altered Endosome Biogenesis in Prostate Cancer Has Biomarker Potential. <i>Molecular Cancer Research</i> , 2014, 12, 1851-1862.	3.4	37
75	Prostate cell lines as models for biomarker discovery: Performance of current markers and the search for new biomarkers. <i>Prostate</i> , 2014, 74, 547-560.	2.3	18
76	Synthesis and characterisation of folic acid based lanthanide ion probes. <i>Inorganica Chimica Acta</i> , 2014, 410, 11-19.	2.4	6
77	Modulation of the organelle specificity in Re( <i>sc</i> ) tetrazolato complexes leads to labeling of lipid droplets. <i>RSC Advances</i> , 2014, 4, 16345-16351.	3.6	48
78	Alteration of cardiac glucose metabolism in association to low birth weight: Experimental evidence in lambs with left ventricular hypertrophy. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1662-1672.	3.4	43
79	Aminoglycoside-Induced Premature Stop Codon Read-Through of Mucopolysaccharidosis Type I Patient Q70X and W402X Mutations in Cultured Cells. <i>JIMD Reports</i> , 2013, 13, 139-147.	1.5	16
80	A <i>Drosophila</i> Model to Image Phagosome Maturation. <i>Cells</i> , 2013, 2, 188-201.	4.1	9
81	Characterization and downstream mannose phosphorylation of human recombinant $\alpha$ -L-iduronidase produced in <i>A</i> rabidopsis complex glycan-deficient ( <i>cgl</i> ) seeds. <i>Plant Biotechnology Journal</i> , 2013, 11, 1034-1043.	8.3	18
82	Bacterial challenge initiates endosome-lysosome response in <i>Drosophila</i> immune tissues. <i>Intravital</i> , 2013, 2, e23889.	2.0	4
83	Synthesis and Characterisation of First Generation Luminescent Lanthanide Complexes Suitable for Being Adapted for Uptake via the Mannose Receptor. <i>Chinese Journal of Inorganic Chemistry</i> , 2013, 2013, 1-8.	0.2	5
84	Developmental changes and fructose absorption in children: effect on malabsorption testing and dietary management. <i>Nutrition Reviews</i> , 2013, 71, 300-309.	5.8	23
85	A role for altered phagosome maturation in the long-term persistence of <i>Helicobacter pylori</i> infection. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G169-G179.	3.4	15
86	Innate immunity and exocytosis of antimicrobial peptides. <i>Communicative and Integrative Biology</i> , 2012, 5, 214-216.	1.4	5
87	Neonatal Gene Therapy With a Gamma Retroviral Vector in Mucopolysaccharidosis VI Cats. <i>Molecular Therapy</i> , 2012, 20, 898-907.	8.2	22
88	IGF-2R-Mediated Signaling Results in Hypertrophy of Cultured Cardiomyocytes from Fetal Sheep1. <i>Biology of Reproduction</i> , 2012, 86, 183.	2.7	23
89	253 IMPACT OF LOW BIRTH WEIGHT ON THE EXPRESSION OF THE RENIN-ANGIOTENSIN SYSTEM, FACTORS WHICH REGULATE AUTOPHAGY, FIBROSIS AND CAPILLARY DENSITY IN THE HEART DURING EARLY POSTNATAL LIFE. <i>Journal of Hypertension</i> , 2012, 30, e76-e77.	0.5	0
90	Early origins of heart disease: Low birth weight and determinants of cardiomyocyte endowment. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 814-823.	1.9	72

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91	Early origins of heart disease: Low birth weight and the role of the insulin-like growth factor system in cardiac hypertrophy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 958-964.	1.9	25
92	Activation of IGF-1R stimulates cardiomyocyte hypertrophy in the late gestation sheep fetus. <i>Journal of Physiology</i> , 2012, 590, 5425-5437.	2.9	35
93	Exocytosis is impaired in mucopolysaccharidosis IIIA mouse chromaffin cells. <i>Neuroscience</i> , 2012, 227, 110-118.	2.3	16
94	Mass spectrometric quantification of glycogen to assess primary substrate accumulation in the Pompe mouse. <i>Analytical Biochemistry</i> , 2012, 421, 759-763.	2.4	12
95	Effect of Age on Fructose Malabsorption in Children Presenting With Gastrointestinal Symptoms. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 581-584.	1.8	52
96	Is Small Bowel Bacterial Overgrowth an Underdiagnosed Disorder in Children With Gastrointestinal Symptoms?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 632-634.	1.8	11
97	Fetal growth restriction and the programming of heart growth and cardiac insulin-like growth factor 2 expression in the lamb. <i>Journal of Physiology</i> , 2011, 589, 4709-4722.	2.9	70
98	<i>Helicobacter pylori</i> phagosome maturation in primary human macrophages. <i>Gut Pathogens</i> , 2011, 3, 3.	3.4	32
99	<i>Drosophila</i> 14-3-3 $\mu$ has a crucial role in anti-microbial peptide secretion and innate immunity. <i>Journal of Cell Science</i> , 2011, 124, 2165-2174.	2.0	52
100	Intestinal fructose transport and malabsorption in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G202-G206.	3.4	149
101	Role of Immune Serum in the Killing of <i>Helicobacter pylori</i> by Macrophages. <i>Helicobacter</i> , 2010, 15, 177-183.	3.5	9
102	Lysosomal Storage Disease: Revealing Lysosomal Function and Physiology. <i>Physiology</i> , 2010, 25, 102-115.	3.1	168
103	Monocyte and Macrophage Killing of <i>Helicobacter pylori</i> : Relationship to Bacterial Virulence Factors. <i>Helicobacter</i> , 2008, 13, 380-387.	3.5	20
104	The Trans-Golgi Network Accessory Protein p56 Promotes Long-Range Movement of GGA/Clathrin-containing Transport Carriers and Lysosomal Enzyme Sorting. <i>Molecular Biology of the Cell</i> , 2007, 18, 3486-3501.	2.1	72
105	Mutational analysis of mucopolysaccharidosis type VI patients undergoing a phase II trial of enzyme replacement therapy. <i>Molecular Genetics and Metabolism</i> , 2007, 90, 164-170.	1.1	22
106	N-Acetylgalactosamine-6-sulfatase protein detection in MPS IVA patient and unaffected control samples. <i>Clinica Chimica Acta</i> , 2007, 377, 88-91.	1.1	7
107	Mutational analysis of 105 mucopolysaccharidosis type VI patients. <i>Human Mutation</i> , 2007, 28, 897-903.	2.5	113
108	Getting into the fold. , 2007, 3, 84-85.		8

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109	Mutations in UPF3B, a member of the nonsense-mediated mRNA decay complex, cause syndromic and nonsyndromic mental retardation. <i>Nature Genetics</i> , 2007, 39, 1127-1133.	21.4	228
110	I-Cell Disease. , 2007, , 529-537.		0
111	Lysosomal Biogenesis and Disease. , 2007, , 7-36.		0
112	Common antigenicity for two glycosidases. <i>FEBS Letters</i> , 2006, 580, 87-92.	2.8	1
113	Stabilising normal and mis-sense variant $\beta$ -glucosidase. <i>FEBS Letters</i> , 2006, 580, 4365-4370.	2.8	10
114	Stop-codon read-through for patients affected by a lysosomal storage disorder. <i>Trends in Molecular Medicine</i> , 2006, 12, 367-373.	6.7	80
115	Newborn screening for lysosomal storage disorders. <i>Molecular Genetics and Metabolism</i> , 2006, 88, 307-314.	1.1	145
116	Detection of Mucopolysaccharidosis Type II by Measurement of Iduronate-2-Sulfatase in Dried Blood Spots and Plasma Samples. <i>Clinical Chemistry</i> , 2006, 52, 643-649.	3.2	27
117	Immunochemistry of Lysosomal Storage Disorders. <i>Clinical Chemistry</i> , 2006, 52, 1660-1668.	3.2	28
118	Immunochemical analysis of CD107a (LAMP-1). <i>Cellular Immunology</i> , 2005, 236, 161-166.	3.0	23
119	Analysis of normal and mutant iduronate-2-sulphatase conformation. <i>Biochemical Journal</i> , 2005, 386, 395-400.	3.7	16
120	Development of an assay for the detection of mucopolysaccharidosis type VI patients using dried blood-spots. <i>Clinica Chimica Acta</i> , 2005, 353, 67-74.	1.1	30
121	Prediction of neuropathology in mucopolysaccharidosis I patients. <i>Molecular Genetics and Metabolism</i> , 2005, 84, 18-24.	1.1	46
122	An index case for the attenuated end of the mucopolysaccharidosis type VI clinical spectrum. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 236-238.	1.1	35
123	Laronidase Treatment of Mucopolysaccharidosis I. <i>BioDrugs</i> , 2005, 19, 1-7.	4.6	41
124	Immunoquantification of $\beta$ -Galactosidase: Evaluation for the Diagnosis of Fabry Disease. <i>Clinical Chemistry</i> , 2004, 50, 1979-1985.	3.2	54
125	Iduronate-2-sulphatase protein detection in plasma from mucopolysaccharidosis type II patients. <i>Molecular Genetics and Metabolism</i> , 2004, 81, 58-64.	1.1	24
126	$\beta$ -l-Iduronidase Premature Stop Codons and Potential Read-Through in Mucopolysaccharidosis Type I Patients. <i>Journal of Molecular Biology</i> , 2004, 338, 453-462.	4.2	81



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127	Significance of immune response to enzyme-replacement therapy for patients with a lysosomal storage disorder. <i>Trends in Molecular Medicine</i> , 2003, 9, 450-453.	6.7	88
128	Immune tolerance after long-term enzyme-replacement therapy among patients who have mucopolysaccharidosis I. <i>Lancet, The</i> , 2003, 361, 1608-1613.	13.7	93
129	Identification and characterization of 13 new mutations in mucopolysaccharidosis type I patients. <i>Molecular Genetics and Metabolism</i> , 2003, 78, 37-43.	1.1	75
130	Replacement therapy in Mucopolysaccharidosis type VI: advantages of early onset of therapy. <i>Molecular Genetics and Metabolism</i> , 2003, 78, 163-174.	1.1	78
131	The Î±-L-iduronidase mutations R89Q and R89W result in an attenuated mucopolysaccharidosis type I clinical presentation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1639, 95-103.	3.8	15
132	Mucopolysaccharidosis Type VI (MaroteauxâLamy Syndrome):â A Y210C Mutation Causes either Altered Protein Handling or Altered Protein Function of N-Acetylgalactosamine 4-Sulfatase at Multiple Points in the Vacuolar Network. <i>Biochemistry</i> , 2002, 41, 4962-4971.	2.5	14
133	Î±-L-Iduronidase and enzyme replacement therapy for mucopolysaccharidosis I. <i>Expert Opinion on Biological Therapy</i> , 2002, 2, 967-976.	3.1	26
134	Immune response to enzyme replacement therapy: single epitope control of antigen distribution from circulation. <i>Molecular Genetics and Metabolism</i> , 2002, 77, 127-135.	1.1	6
135	Gentamicin-mediated suppression of Hurler syndrome stop mutations restores a low level of alpha-L-iduronidase activity and reduces lysosomal glycosaminoglycan accumulation. <i>Human Molecular Genetics</i> , 2001, 10, 291-299.	2.9	145
136	Syntaxin 7 Is Localized to Late Endosome Compartments, Associates with Vamp 8, and Is Required for Late EndosomeâLysosome Fusion. <i>Molecular Biology of the Cell</i> , 2000, 11, 3137-3153.	2.1	144
137	Regulation of the Lysosome-Associated Membrane Protein in a Sucrose Model of Lysosomal Storage. <i>Experimental Cell Research</i> , 2000, 254, 204-209.	2.6	16
138	Enzyme Replacement Therapy in Mucopolysaccharidosis I: Altered Distribution and Targeting of Î±-L-Iduronidase in Immunized Rats. <i>Molecular Genetics and Metabolism</i> , 2000, 69, 277-285.	1.1	33
139	Altered Trafficking and Turnover of LAMP-1 in Pompe Disease-Affected Cells. <i>Molecular Genetics and Metabolism</i> , 1999, 66, 179-188.	1.1	26
140	Immune Response to Enzyme Replacement Therapy: 4-Sulfatase Epitope Reactivity of Plasma Antibodies from MPS VI Cats. <i>Molecular Genetics and Metabolism</i> , 1999, 67, 194-205.	1.1	22
141	Immune Response to Enzyme Replacement Therapy in Lysosomal Storage Disorder Patients and Animal Models. <i>Molecular Genetics and Metabolism</i> , 1999, 68, 268-275.	1.1	56
142	Introduction: Molecular chaperones of the ER: their role in protein folding and genetic disease. <i>Seminars in Cell and Developmental Biology</i> , 1999, 10, 441-442.	5.0	33
143	Processing of normal lysosomal and mutant N-acetylgalactosamine 4-sulphatase: BiP (immunoglobulin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1999, 341, 193-201.	3.7	11
144	Processing of normal lysosomal and mutant N-acetylgalactosamine 4-sulphatase: BiP (immunoglobulin) Tj ETQq0 0 0 rgBT /Overlock 10 1999, 341, 193.	3.7	1

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145	Immune response to enzyme replacement therapy: clinical signs of hypersensitivity reactions and altered enzyme distribution in a high titre rat model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1407, 163-172.	3.8	11
146	Lysosomal Biogenesis in Lysosomal Storage Disorders. <i>Experimental Cell Research</i> , 1997, 234, 85-97.	2.6	70
147	Enzyme replacement therapy in Mucopolysaccharidosis VI: evidence for immune responses and altered efficacy of treatment in animal models. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997, 1361, 203-216.	3.8	31
148	Protein processing: FEBS Letters, 1997, 409, 115-120.	2.8	58
149	A membrane protein primarily associated with the lysosomal compartment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1327, 162-170.	2.6	6
150	Diagnosis of lysosomal storage disorders: evaluation of lysosome-associated membrane protein LAMP-1 as a diagnostic marker. <i>Clinical Chemistry</i> , 1997, 43, 1325-1335.	3.2	90
151	In Vivo Delivery of Human $\alpha$ -L-Iduronidase in Mice Implanted with Neo-Organs. <i>Human Gene Therapy</i> , 1995, 6, 1153-1159.	2.7	19
152	$\alpha$ -L-Iduronidase mutations (Q70X and P533R) associate with a severe Hurler phenotype. <i>Human Mutation</i> , 1992, 1, 333-339.	2.5	78
153	Human alpha-L-iduronidase. 1. Purification, monoclonal antibody production, native and subunit molecular mass. <i>FEBS Journal</i> , 1985, 152, 21-28.	0.2	48
154	Membrane antigens of human cells of the monocyte/macrophage lineage studied with monoclonal antibodies. <i>Pathology</i> , 1983, 15, 45-52.	0.6	85
155	A differentiation antigen expressed selectively by a proportion of human blood cells: detection with a monoclonal antibody. <i>Pathology</i> , 1982, 14, 5-11.	0.6	41
156	Staining the endoplasmic reticulum in combination with antibody staining. <i>Protocol Exchange</i> , 0, , .	0.3	0