

David N Finegold

List of Publications by Year in descending order

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74
papers

7,304
citations

87888

38
h-index

85541

71
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74
all docs

74
docs citations

74
times ranked

6697
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective hypermethylation is evident in small intestine samples from infants with necrotizing enterocolitis. <i>Clinical Epigenetics</i> , 2022, 14, 49.	4.1	2
2	Problem-solving, Adherence to Lifestyle Goals, and Weight Loss Among Individuals Participating in a Weight Loss Study. <i>International Journal of Behavioral Medicine</i> , 2021, 28, 328-336.	1.7	4
3	Breath Acetone Sensing Based on Single-Walled Carbon Nanotube-Titanium Dioxide Hybrids Enabled by a Custom-Built Dehumidifier. <i>ACS Sensors</i> , 2021, 6, 871-880.	7.8	22
4	Neonatal necrotizing enterocolitis-associated DNA methylation signatures in the colon are evident in stool samples of affected individuals. <i>Epigenomics</i> , 2021, 13, 829-844.	2.1	7
5	Chromosome 15q13.3 microduplications are associated with treatment refractory major depressive disorder. <i>Genes, Brain and Behavior</i> , 2020, 19, e12628.	2.2	1
6	Non-invasive epigenomic molecular phenotyping of the human brain via liquid biopsy of cerebrospinal fluid and next generation sequencing. <i>European Journal of Neuroscience</i> , 2020, 52, 4536-4545.	2.6	5
7	Global hypermethylation of intestinal epithelial cells is a hallmark feature of neonatal surgical necrotizing enterocolitis. <i>Clinical Epigenetics</i> , 2020, 12, 190.	4.1	12
8	Genetic association and differential expression of PITX2 with acute appendicitis. <i>Human Genetics</i> , 2019, 138, 37-47.	3.8	14
9	Neurometabolic Disorders: Potentially Treatable Abnormalities in Patients With Treatment-Refractory Depression and Suicidal Behavior. <i>American Journal of Psychiatry</i> , 2017, 174, 42-50.	7.2	50
10	Rapid progression and mortality of lysosomal acid lipase deficiency presenting in infants. <i>Genetics in Medicine</i> , 2016, 18, 452-458.	2.4	67
11	Evaluation of disease burden and response to treatment in adults with type 1 gaucher disease using a validated disease severity scoring system (DS3). <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 64.	2.7	28
12	Altered dynamics of a lipid raft associated protein in a kidney model of Fabry disease. <i>Molecular Genetics and Metabolism</i> , 2014, 111, 184-192.	1.1	19
13	Connexin 47 Mutations Increase Risk for Secondary Lymphedema Following Breast Cancer Treatment. <i>Clinical Cancer Research</i> , 2012, 18, 2382-2390.	7.0	95
14	Markedly Elevated Serum Transaminases in Glycogen Storage Disease Type III. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 621-623.	1.8	3
15	Infant with unusual food reactions (Discussion and Diagnosis). <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 1394-1395.	1.5	0
16	Phase I (Safety) Study of Autologous Tolerogenic Dendritic Cells in Type 1 Diabetic Patients. <i>Diabetes Care</i> , 2011, 34, 2026-2032.	8.6	364
17	Effects of Flutamide Therapy on Craniofacial Growth and Development in a Model of Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2010, 21, 711-718.	0.7	11
18	GJC2 Missense Mutations Cause Human Lymphedema. <i>American Journal of Human Genetics</i> , 2010, 86, 943-948.	6.2	141

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19	Newborn Screening for Galactosemia: A Review of 5 Years of Data and Audit of a Revised Reporting Approach. <i>Clinical Chemistry</i> , 2010, 56, 437-444.	3.2	18
20	Sudden death in medium chain acyl-coenzyme a dehydrogenase deficiency (MCADD) despite newborn screening. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 33-39.	1.1	65
21	The influence of macrophage migration inhibitory factor gene polymorphisms on outcome from community-acquired pneumonia. <i>FASEB Journal</i> , 2009, 23, 2403-2411.	0.5	87
22	Population-based Tay-Sachs screening among Ashkenazi Jewish young adults in the 21st century: Hexosaminidase a enzyme assay is essential for accurate testing. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2444-2447.	1.2	22
23	Evidence supporting a role for the calcium-sensing receptor in Alzheimer disease. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 703-709.	1.7	43
24	<i>Research Perspectives in Inherited Lymphatic Disease</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1131, 134-139.	3.8	16
25	Progress in developing polymerized crystalline colloidal array sensors for point-of-care detection of myocardial ischemia. <i>Analyst</i> , 2008, 133, 385.	3.5	28
26	HGF and MET Mutations in Primary and Secondary Lymphedema. <i>Lymphatic Research and Biology</i> , 2008, 6, 65-68.	1.1	93
27	Predicting Scoliosis Progression from Skeletal Maturity: A Simplified Classification During Adolescence. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 540-553.	3.0	269
28	Candidate Gene Analysis in Primary Lymphedema. <i>Lymphatic Research and Biology</i> , 2008, 6, 69-76.	1.1	53
29	Potential Misdiagnosis of 3-Methylcrotonyl-Coenzyme A Carboxylase Deficiency Associated With Absent or Trace Urinary 3-Methylcrotonylglycine. <i>Pediatrics</i> , 2007, 120, e1335-e1340.	2.1	17
30	Maturity Assessment and Curve Progression in Girls with Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 64-73.	3.0	187
31	Mass Spectral Determination of Fasting Tear Glucose Concentrations in Nondiabetic Volunteers. <i>Clinical Chemistry</i> , 2007, 53, 1370-1372.	3.2	101
32	Tear Glucose Analysis for the Noninvasive Detection and Monitoring of Diabetes Mellitus. <i>Ocular Surface</i> , 2007, 5, 280-293.	4.4	155
33	Photonic Crystal Sensors for the Rapid Detection of Myocardial Ischemia. , 2007, , .		0
34	Analysis of tear glucose concentration with electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 332-336.	2.8	93
35	Maturity Assessment and Curve Progression in Girls with Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 64-73.	3.0	53
36	Correlates of the Peak Height Velocity in Girls With Idiopathic Scoliosis. <i>Spine</i> , 2006, 31, 2289-2295.	2.0	89

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37	Progress toward the development of a point-of-care photonic crystal ammonia sensor. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 678-685.	3.7	63
38	Genetic and Environmental Influences on Thyroid Hormone Variation in Mexican Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3276-3284.	3.6	60
39	Photonic Crystal Glucose-Sensing Material for Noninvasive Monitoring of Glucose in Tear Fluid. <i>Clinical Chemistry</i> , 2004, 50, 2353-2360.	3.2	335
40	Defective valves and abnormal mural cell recruitment underlie lymphatic vascular failure in lymphedema distichiasis. <i>Nature Medicine</i> , 2004, 10, 974-981.	30.7	515
41	A General Photonic Crystal Sensing Motif: Creatinine in Bodily Fluids. <i>Journal of the American Chemical Society</i> , 2004, 126, 2971-2977.	13.7	294
42	Results of growth trophic therapy in children with short bowel syndrome. <i>Journal of Pediatric Surgery</i> , 2004, 39, 335-339.	1.6	19
43	Age of onset in hereditary lymphedema. <i>Journal of Pediatrics</i> , 2003, 142, 704-708.	1.8	30
44	African American Hypertensive Nephropathy Maps to a New Locus on Chromosome 9q31-q32. <i>American Journal of Human Genetics</i> , 2003, 73, 420-429.	6.2	20
45	Photonic Crystal Carbohydrate Sensors: Low Ionic Strength Sugar Sensing. <i>Journal of the American Chemical Society</i> , 2003, 125, 3322-3329.	13.7	473
46	High Ionic Strength Glucose-Sensing Photonic Crystal. <i>Analytical Chemistry</i> , 2003, 75, 2316-2323.	6.5	386
47	Autosomal Dominant Progressive Nephropathy with Deafness: Linkage to a New Locus on Chromosome 11q24. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 1794-1803.	6.1	21
48	A Genome-Wide Scan for Loci Affecting Normal Adult Height in the Framingham Heart Study. <i>Human Heredity</i> , 2003, 55, 191-201.	0.8	25
49	Lymphedema-distichiasis syndrome and FOXC2 gene mutation. <i>American Journal of Ophthalmology</i> , 2002, 134, 592-596.	3.3	57
50	Exploring Calcium Level Disorders: Looking Through the Genetic Window for New Treatment Clues. <i>Nursing for Women's Health</i> , 2002, 6, 424-429.	0.2	0
51	Polymerized crystalline colloidal array chemical-sensing materials for detection of lead in body fluids. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 632-638.	3.7	98
52	Lymphatic endothelial reprogramming of vascular endothelial cells by the Prox-1 homeobox transcription factor. <i>EMBO Journal</i> , 2002, 21, 4593-4599.	7.8	544
53	Analysis of TCR V β 2 Repertoire and Cytokine Gene Expression in Patients with Idiopathic Dilated Cardiomyopathy. <i>Journal of Autoimmunity</i> , 2001, 16, 3-13.	6.5	16
54	Molecular regulation of lymphangiogenesis and targets for tissue oedema. <i>Trends in Molecular Medicine</i> , 2001, 7, 18-22.	6.7	63

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55	Truncating mutations in FOXC2 cause multiple lymphedema syndromes. <i>Human Molecular Genetics</i> , 2001, 10, 1185-1189.	2.9	214
56	VEGFR3 gene structure, regulatory region, and sequence polymorphisms. <i>FASEB Journal</i> , 2001, 15, 1028-1036.	0.5	66
57	VEGFR3 gene structure, regulatory region, and sequence polymorphisms. <i>FASEB Journal</i> , 2001, 15, 1028-1034.	0.5	8
58	Familial nephrotic syndrome: Clinical spectrum and linkage to chromosome 19q13. <i>Kidney International</i> , 2000, 57, 875-881.	5.2	32
59	Missense mutations interfere with VEGFR-3 signalling in primary lymphoedema. <i>Nature Genetics</i> , 2000, 25, 153-159.	21.4	593
60	Three Novel Activating Mutations in the Calcium-Sensing Receptor Responsible for Autosomal Dominant Hypocalcemia. <i>Molecular Genetics and Metabolism</i> , 2000, 71, 591-598.	1.1	30
61	Indirect Fluorescence Detection of Amino Acids on Electrophoretic Microchips. <i>Analytical Chemistry</i> , 2000, 72, 2765-2773.	6.5	77
62	Hereditary lymphedema: evidence for linkage and genetic heterogeneity. <i>Human Molecular Genetics</i> , 1998, 7, 2073-2078.	2.9	221
63	Idiopathic Dilated Cardiomyopathy. <i>Circulation</i> , 1998, 98, 777-785.	1.6	69
64	A new method for assessment of changes in retinal blood flow. <i>Medical Engineering and Physics</i> , 1997, 19, 125-130.	1.7	6
65	Medium Chain Acyl-CoA Dehydrogenase Deficiency in Pennsylvania: Neonatal Screening Shows High Incidence and Unexpected Mutation Frequencies. <i>Pediatric Research</i> , 1995, 37, 675-678.	2.3	156
66	Preliminary Localization of a Gene for Autosomal Dominant Hypoparathyroidism to Chromosome 3q13. <i>Pediatric Research</i> , 1994, 36, 414-417.	2.3	74
67	Evidence for superantigen involvement in insulin-dependent diabetes mellitus aetiology. <i>Nature</i> , 1994, 371, 351-355.	27.8	319
68	Normal newborn 17-hydroxyprogesterone level in an infant with congenital adrenal hyperplasia due to 11 β -hydroxylase deficiency. <i>Screening: Journal of the International Society of Neonatal Screening</i> , 1994, 3, 85-89.	0.3	2
69	Pulsatile growth hormone secretion in children with acute lymphoblastic leukemia after 1800 cGy cranial radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1988, 15, 1001-1006.	0.8	20
70	Renal ouabain inhibitable Na-K ATPase activity and myoinositol supplementation in experimental diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 557-561.	3.4	3
71	Behavioral problems, social competency, and self perception among girls with congenital adrenal hyperplasia. <i>Child Psychiatry and Human Development</i> , 1986, 17, 129-138.	1.9	8
72	Effect of diabetes and insulin therapy on human mononuclear leukocyte lysosomal acid lipase activity. <i>Metabolism: Clinical and Experimental</i> , 1984, 33, 85-89.	3.4	4

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73	Effect of Thyroid Hormones on Human Mononuclear Leukocyte Lysosomal Acid Lipase Activity*. Journal of Clinical Endocrinology and Metabolism, 1982, 54, 559-562.	3.6	9
74	Glycemic response to glucagon during fasting hypoglycemia: An aid in the diagnosis of hyperinsulinism. Journal of Pediatrics, 1980, 96, 257-259.	1.8	140