

Lise Björkhaug Gundersen

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

10,988
citations

361413

20
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

30635
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of protein-coding genetic variation in 60,706 humans. <i>Nature</i> , 2016, 536, 285-291.	27.8	9,051
2	Neonatal Diabetes Mellitus Due to Complete Glucokinase Deficiency. <i>New England Journal of Medicine</i> , 2001, 344, 1588-1592.	27.0	386
3	Mutations in the CEL VNTR cause a syndrome of diabetes and pancreatic exocrine dysfunction. <i>Nature Genetics</i> , 2006, 38, 54-62.	21.4	296
4	Association of a Low-Frequency Variant in <i>HNF1A</i> With Type 2 Diabetes in a Latino Population. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2305.	7.4	230
5	Permanent Neonatal Diabetes Caused by Glucokinase Deficiency. <i>Diabetes</i> , 2003, 52, 2854-2860.	0.6	173
6	Hepatocyte Nuclear Factor-1 β Gene Mutations and Diabetes in Norway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 920-931.	3.6	82
7	Diabetes and Pancreatic Exocrine Dysfunction Due to Mutations in the Carboxyl Ester Lipase Gene-Maturity Onset Diabetes of the Young (CEL-MODY). <i>Journal of Biological Chemistry</i> , 2011, 286, 34593-34605.	3.4	80
8	From Clinicogenetic Studies of Maturity-Onset Diabetes of the Young to Unraveling Complex Mechanisms of Glucokinase Regulation. <i>Diabetes</i> , 2006, 55, 1713-1722.	0.6	72
9	STUB1 mutations in autosomal recessive ataxias – evidence for mutation-specific clinical heterogeneity. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 146.	2.7	63
10	Functional Investigations of <i>HNF1A</i> Identify Rare Variants as Risk Factors for Type 2 Diabetes in the General Population. <i>Diabetes</i> , 2017, 66, 335-346.	0.6	54
11	Diagnostic screening of <i>MODY2</i> / <i>GCK</i> mutations in the Norwegian MODY Registry. <i>Pediatric Diabetes</i> , 2008, 9, 442-449.	2.9	49
12	Catalytic activation of human glucokinase by substrate binding – residue contacts involved in the binding of <i>D</i> -glucose to the super-open form and conformational transitions. <i>FEBS Journal</i> , 2008, 275, 2467-2481.	4.7	36
13	A Hepatocyte Nuclear Factor-4 β Gene (<i>HNF4A</i>) P2 Promoter Haplotype Linked With Late-Onset Diabetes: Studies of <i>HNF4A</i> Variants in the Norwegian MODY Registry. <i>Diabetes</i> , 2006, 55, 1899-1903.	0.6	33
14	Allosteric Activation of Human Glucokinase by Free Polyubiquitin Chains and Its Ubiquitin-dependent Cotranslational Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2007, 282, 22757-22764.	3.4	32
15	High Incidence of Heterozygous <i>ABCC8</i> and <i>HNF1A</i> Mutations in Czech Patients With Congenital Hyperinsulinism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1540-E1549.	3.6	32
16	Structure–function studies of <i>HNF1A</i> (<i>MODY3</i>) gene mutations in South Indian patients with monogenic diabetes. <i>Clinical Genetics</i> , 2016, 90, 486-495.	2.0	32
17	SUMOylation of Pancreatic Glucokinase Regulates Its Cellular Stability and Activity*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5951-5962.	3.4	30
18	MODY Associated with Two Novel Hepatocyte Nuclear Factor-1 β Loss-of-Function Mutations (P112L and) Tj ETQqQ Q 0 rgBT, Overlock	2.1	29

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19	<i>In vitro</i> characterization of six <i>STUB1</i> variants in spinocerebellar ataxia 16 reveals altered structural properties for the encoded CHIP proteins. <i>Bioscience Reports</i> , 2017, 37, .	2.4	27
20	Functional Dissection of the HNF-1alpha Transcription Factor: A Study on Nuclear Localization and Transcriptional Activation. <i>DNA and Cell Biology</i> , 2005, 24, 661-669.	1.9	25
21	Unsupervised Clustering of Missense Variants in HNF1A Using Multidimensional Functional Data Aids Clinical Interpretation. <i>American Journal of Human Genetics</i> , 2020, 107, 670-682.	6.2	25
22	Binding of ATP at the active site of human pancreatic glucokinaseâ€fâ€f nucleotideâ€f induced conformational changes with possible implications for its kinetic cooperativity. <i>FEBS Journal</i> , 2011, 278, 2372-2386.	4.7	19
23	The interaction between human FCÎ³RI and the Î³-chain is mediated solely via the 21 amino acid transmembrane domain of FCÎ³RI. <i>Molecular Membrane Biology</i> , 1995, 12, 309-312.	2.0	16
24	GCK-MODY diabetes as a protein misfolding disease: The mutation R275C promotes protein misfolding, self-association and cellular degradation. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 55-65.	3.2	15
25	GCK-MODY diabetes associated with protein misfolding, cellular self-association and degradation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1705-1715.	3.8	14
26	The E3 SUMO ligase PIASÎ³ is a novel interaction partner regulating the activity of diabetes associated hepatocyte nuclear factor-1Î±. <i>Scientific Reports</i> , 2018, 8, 12780.	3.3	14
27	Functional Analyses of HNF1A-MODY Variants Refine the Interpretation of Identified Sequence Variants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1377-e1386.	3.6	14
28	The Female Menstrual Cycles Effect on Strength and Power Parameters in High-Level Female Team Athletes. <i>Frontiers in Physiology</i> , 2021, 12, 600668.	2.8	13
29	A new candidate region for the positional cloning of the XLP gene. <i>European Journal of Human Genetics</i> , 1998, 6, 509-517.	2.8	11
30	The cAMP-dependent protein kinase downregulates glucose-6-phosphatase expression through RORÎ± and SRC-2 coactivator transcriptional activity. <i>Molecular and Cellular Endocrinology</i> , 2016, 419, 92-101.	3.2	8
31	The HNF1A mutant Ala180Val: Clinical challenges in determining causality of a rare HNF1A variant in familial diabetes. <i>Diabetes Research and Clinical Practice</i> , 2017, 133, 142-149.	2.8	6
32	Nuclear import of glucokinase in pancreatic beta-cells is mediated by a nuclear localization signal and modulated by SUMOylation. <i>Molecular and Cellular Endocrinology</i> , 2017, 454, 146-157.	3.2	5
33	A novel SRC-2-dependent regulation of epithelial-mesenchymal transition in breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 57-70.	2.5	5
34	<p>Incidence of HNF1A and GCK MODY Variants in a South African Population</p>. <i>The Application of Clinical Genetics</i> , 2020, Volume 13, 209-219.	3.0	4
35	Structural and biophysical characterization of transcription factor HNF-1A as a tool to study MODY3 diabetes variants. <i>Journal of Biological Chemistry</i> , 2022, 298, 101803.	3.4	4
36	Monogenic diabetes mellitus in Norway. <i>Norsk Epidemiologi</i> , 2013, 23, .	0.3	3

#	ARTICLE	IF	CITATIONS
37	E-LEARNING FACILITATES FLIPPED LEARNING AND PORTFOLIO ASSESSMENT IN BIOMEDICAL LABORATORY SCIENCE. INTED Proceedings, 2019, , .	0.0	0