

Marian Ludgate

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,920
citations

236925

25
h-index

175258

52
g-index

77
all docs

77
docs citations

77
times ranked

3306
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Transgenic Mouse with a Deletion in the Collagenous Domain of Adiponectin Displays Elevated Circulating Adiponectin and Improved Insulin Sensitivity. <i>Endocrinology</i> , 2004, 145, 367-383. | 2.8 | 480 |
| 2 | Mutation of the gene encoding human TTF-2 associated with thyroid agenesis, cleft palate and choanal atresia. <i>Nature Genetics</i> , 1998, 19, 399-401. | 21.4 | 378 |
| 3 | The Thyrotropin Receptor in Thyroid Diseases. <i>New England Journal of Medicine</i> , 1997, 337, 1675-1681. | 27.0 | 237 |
| 4 | New insights into the pathogenesis and nonsurgical management of Graves orbitopathy. <i>Nature Reviews Endocrinology</i> , 2020, 16, 104-116. | 9.6 | 155 |
| 5 | Metformin Reduces Arterial Stiffness and Improves Endothelial Function in Young Women with Polycystic Ovary Syndrome: A Randomized, Placebo-Controlled, Crossover Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 722-730. | 3.6 | 133 |
| 6 | The microbiota and autoimmunity: Their role in thyroid autoimmune diseases. <i>Clinical Immunology</i> , 2017, 183, 63-74. | 3.2 | 91 |
| 7 | Peroxisome Proliferator-Activated Receptor- β in Thyroid Eye Disease: Contraindication for Thiazolidinedione Use?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 55-59. | 3.6 | 90 |
| 8 | Characterisation of adipocyte-derived extracellular vesicles released pre- and post-adipogenesis. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 29159. | 12.2 | 88 |
| 9 | Controlled Antenatal Thyroid Screening II: Effect of Treating Maternal Suboptimal Thyroid Function on Child Cognition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1583-1591. | 3.6 | 79 |
| 10 | Thyrotropin Receptor Activation Increases Hyaluronan Production in Preadipocyte Fibroblasts. <i>Journal of Biological Chemistry</i> , 2009, 284, 26447-26455. | 3.4 | 73 |
| 11 | Biological Effects of Thyrotropin Receptor Activation on Human Orbital Preadipocytes. , 2006, 47, 5197. | | 72 |
| 12 | Gut microbiota in experimental murine model of Graves' orbitopathy established in different environments may modulate clinical presentation of disease. <i>Microbiome</i> , 2018, 6, 97. | 11.1 | 65 |
| 13 | Adipose Tissue Depot-Specific Differences in the Regulation of Hyaluronan Production of Relevance to Graves' Orbitopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 653-662. | 3.6 | 64 |
| 14 | Reevaluating Thyrotropin Receptor-Induced Mouse Models of Graves' Disease and Ophthalmopathy. <i>Endocrinology</i> , 2005, 146, 835-844. | 2.8 | 57 |
| 15 | Brown fat and obesity: the next big thing?. <i>Clinical Endocrinology</i> , 2011, 74, 661-670. | 2.4 | 57 |
| 16 | Association of <i>FOXE1</i> Polyalanine Repeat Region with Papillary Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1814-E1819. | 3.6 | 52 |
| 17 | Demonstration of Immunoglobulin G, A, and E Autoantibodies to the Human Thyrotropin Receptor Using Flow Cytometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1754-1761. | 3.6 | 50 |
| 18 | TSH receptor activation and body composition. <i>Journal of Endocrinology</i> , 2010, 204, 13-20. | 2.6 | 44 |

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|----|--|------|-----------|
| 19 | Modulating gut microbiota in a mouse model of Graves' orbitopathy and its impact on induced disease. <i>Microbiome</i> , 2021, 9, 45. | 11.1 | 41 |
| 20 | Altered Tear Composition in Smokers and Patients With Graves Ophthalmopathy. <i>JAMA Ophthalmology</i> , 2006, 124, 1451. | 2.4 | 39 |
| 21 | Effects of Dehydroepiandrosterone Replacement on Vascular Function in Primary and Secondary Adrenal Insufficiency: A Randomized Crossover Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1966-1972. | 3.6 | 39 |
| 22 | Gut Microbiome in BALB/c and C57BL/6J Mice Undergoing Experimental Thyroid Autoimmunity Associate with Differences in Immunological Responses and Thyroid Function. <i>Hormone and Metabolic Research</i> , 2018, 50, 932-941. | 1.5 | 39 |
| 23 | Combining micro-RNA and protein sequencing to detect robust biomarkers for Graves' disease and orbitopathy. <i>Scientific Reports</i> , 2018, 8, 8386. | 3.3 | 33 |
| 24 | Controlled Antenatal Thyroid Screening II: Effect of Treating Maternal Suboptimal Thyroid Function on Child Behavior. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e417-e427. | 3.6 | 32 |
| 25 | Inducing Graves' ophthalmopathy. <i>Journal of Endocrinological Investigation</i> , 2004, 27, 211-215. | 3.3 | 29 |
| 26 | Metamorphic Thyroid Autoimmunity. <i>Thyroid</i> , 2008, 18, 1035-1037. | 4.5 | 28 |
| 27 | The Role of Thyrotropin Receptor Activation in Adipogenesis and Modulation of Fat Phenotype. <i>Frontiers in Endocrinology</i> , 2017, 8, 83. | 3.5 | 27 |
| 28 | Gs β signalling suppresses PPAR β generation and inhibits 3T3L1 adipogenesis. <i>Journal of Endocrinology</i> , 2009, 202, 207-215. | 2.6 | 25 |
| 29 | Effects of Prostaglandin F 2α on Adipocyte Biology Relevant to Graves' Orbitopathy. <i>Thyroid</i> , 2013, 23, 1600-1608. | 4.5 | 24 |
| 30 | Transient congenital hypothyroidism due to thyroid-stimulating hormone receptor blocking antibodies: a case series. <i>Annals of Clinical Biochemistry</i> , 2011, 48, 386-390. | 1.6 | 23 |
| 31 | Production and Application of Polyclonal Antibody to Human Thyroid Transcription Factor 2 Reveals Thyroid Transcription Factor 2 Protein Expression in Adult Thyroid and Hair Follicles and Prepubertal Testis. <i>Thyroid</i> , 2003, 13, 927-932. | 4.5 | 22 |
| 32 | Patient with monoclonal gammopathy, thyrotoxicosis, pretibial myxedema and thyroid-associated ophthalmopathy; demonstration of direct binding of autoantibodies to the thyrotropin receptor. <i>European Journal of Endocrinology</i> , 1996, 134, 97-103. | 3.7 | 21 |
| 33 | The second wave of the Controlled Antenatal Thyroid Screening (CATS II) study: the cognitive assessment protocol. <i>BMC Endocrine Disorders</i> , 2014, 14, 95. | 2.2 | 20 |
| 34 | Effect of iodine on early stage thyroid autonomy. <i>Genomics</i> , 2011, 97, 94-100. | 2.9 | 15 |
| 35 | Thyroid eye disease- an update. <i>Expert Review of Ophthalmology</i> , 2016, 11, 273-284. | 0.6 | 14 |
| 36 | Oxidative Stress-Induced Sirtuin1 Downregulation Correlates to HIF-1 α , GLUT-1, and VEGF-A Upregulation in Th1 Autoimmune Hashimoto's Thyroiditis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3806. | 4.1 | 14 |

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|----|---|------|-----------|
| 37 | Microbiome and Gravesâ€™ Orbitopathy. <i>European Thyroid Journal</i> , 2020, 9, 78-86. | 2.4 | 14 |
| 38 | APOPTOSIS IN AUTOIMMUNE AND NON-AUTOIMMUNE THYROID DISEASE. , 1997, 182, 123-124. | | 13 |
| 39 | DNA methylation at a nutritionally sensitive region of the <i>PAX8</i> gene is associated with thyroid volume and function in Gambian children. <i>Science Advances</i> , 2021, 7, eabj1561. | 10.3 | 13 |
| 40 | Animal Models of Thyroid-Associated Ophthalmopathy. <i>Thyroid</i> , 2002, 12, 205-208. | 4.5 | 12 |
| 41 | Prostaglandin F2-Alpha Eye Drops (Bimatoprost) in Graves' Orbitopathy: A Randomized Controlled Double-Masked Crossover Trial (BIMA Trial). <i>Thyroid</i> , 2019, 29, 563-572. | 4.5 | 11 |
| 42 | Comparative proteomic analysis to dissect differences in signal transduction in activating TSH receptor mutations in the thyroid. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 290-301. | 2.8 | 10 |
| 43 | Modulation of expression of somatostatin receptor subtypes in Gravesâ€™ ophthalmopathy orbits: relevance to novel analogs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1630-E1635. | 3.5 | 9 |
| 44 | Distinctive Features of Orbital Adipose Tissue (OAT) in Gravesâ€™ Orbitopathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9145. | 4.1 | 9 |
| 45 | Future Research in Graves' Orbitopathy: From Priority Setting to Trial Design Through Patient and Public Involvement. <i>Thyroid</i> , 2015, 25, 1181-1184. | 4.5 | 8 |
| 46 | The sodium iodide symporter is unlikely to be a thyroid/breast shared antigen. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 323-331. | 3.3 | 7 |
| 47 | Animal Models of Autoimmune Thyroid Disease. , 2007, , 79-93. | | 6 |
| 48 | Orbital Signaling in Gravesâ€™ Orbitopathy. <i>Frontiers in Endocrinology</i> , 2021, 12, 739994. | 3.5 | 6 |
| 49 | Fibrosis in dysthyroid eye disease. <i>Eye</i> , 2020, 34, 279-284. | 2.1 | 5 |
| 50 | Extrathyroidal thyroid hormone synthesis?. <i>Journal of Endocrinology</i> , 2011, 210, 3-4. | 2.6 | 4 |
| 51 | Role of Hyaluronan in Human Adipogenesis: Evidence from in-Vitro and in-Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2675. | 4.1 | 4 |
| 52 | Controlled Antenatal Thyroid Screening Study; Obstetric Outcomes. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 4 |
| 53 | Expression of Endogenous Putative TSH Binding Protein in Orbit. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1794-1804. | 2.4 | 4 |
| 54 | Early Changes in Thyroid-Stimulating Antibody Activity following Radioiodine Therapy. <i>Medical Principles and Practice</i> , 2003, 12, 266-268. | 2.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Pathogenesis of Graves Orbitopathy. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2011, 11, 72-82. | 0.5 | 3 |
| 56 | Shining a light on thyroid eye disease. Nature Reviews Endocrinology, 2020, 16, 259-260. | 9.6 | 3 |
| 57 | The randomised probiotic trial of indigo study (investigation of novel biomarkers and definition of) Tj ETQq1 1 0.784314 rgBT ₃ /Overlo | 0.0 | 0 |
| 58 | Metabolic syndrome: is the preadipocyte to blame?*. Clinical Endocrinology, 2012, 76, 19-20. | 2.4 | 2 |
| 59 | Meeting abstracts from the 64th British Thyroid Association Annual Meeting. Thyroid Research, 2017, 10, . | 1.5 | 2 |
| 60 | The Role of Mitochondria-Linked Fatty-Acid Uptake-Driven Adipogenesis in Graves Orbitopathy. Endocrinology, 2021, 162, . | 2.8 | 2 |
| 61 | W546X mutation of the thyrotropin receptor causes subclinical hypothyroidism in various clinical settings. Clinical Endocrinology, 2007, 67, 317-319. | 2.4 | 1 |
| 62 | Cambridge Ophthalmological Symposium 2018: introduction and reflections on the day. Eye, 2019, 33, 169-173. | 2.1 | 0 |
| 63 | Development of an inductively coupled plasma-mass spectrometry method for measurement of urine iodine and assessment of iodine status in subclinical hypothyroidism. Endocrine Abstracts, 0, , 1-1. | 0.0 | 0 |
| 64 | The Thr92Ala substitution in deiodonase-2 is associated with increased odds of a sub-optimal IQ score in children with low-normal thyroid function. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 65 | Adverse metabolic correlations relate to free T3 levels in subclinical hypothyroidism; common FOXE1 polymorphisms associate with blood pressure. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 66 | TSH and free-T3 correlate negatively and independently with bone mineral density in adults with subclinical hypothyroidism. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 67 | Immune reaction to food antigens in Graves' disease (GD) patients: role of gliadin and other food antigens. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 68 | Autoantibodies to the thyrotropin receptor in Alemtuzumab-induced thyroid autoimmunity: determination of their biological activity, and possible role as predictive marker of disease. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 69 | Detecting blood micro-RNAs and proteins associated with Graves' disease and orbitopathy. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 70 | Controlled Antenatal Thyroid Screening (CATS) II: long-term cardiometabolic effects of treating maternal sub-optimal thyroid function. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 71 | Novel insights into the genetic architecture of thyroid disease. Endocrine Abstracts, 0, , . | 0.0 | 0 |
| 72 | Long-term cardiometabolic effects of maternal sub-optimal gestational thyroid function and relative treatment in the Controlled Antenatal Thyroid Screening (CATS) study II. Endocrine Abstracts, 0, , . | 0.0 | 0 |

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|----|---|-----|-----------|
| 73 | Editorial: Mechanisms and Novel Therapies in Gravesâ€™ Orbitopathy: Current Update. <i>Frontiers in Endocrinology</i> , 2022, 13, 902591. | 3.5 | 0 |