

Diego H Castrillon

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

14,229
citations

38720

50
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40954

93
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97
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97
docs citations

97
times ranked

19637
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Rare Complete Hydatidiform Mole With p57 Expression in Villous Mesenchyme: Case Report and Review of Discordant p57 Expression in Hydatidiform Moles. <i>International Journal of Gynecological Pathology</i> , 2022, 41, 45-50. | 0.9 | 7 |
| 2 | Reliable Identification of Endometrial Precancers Through Combined Pax2, β -Catenin, and Pten Immunohistochemistry. <i>American Journal of Surgical Pathology</i> , 2022, 46, 404-414. | 2.1 | 21 |
| 3 | Histopathologic diagnosis of endometrial precancers: Updates and future directions. <i>Seminars in Diagnostic Pathology</i> , 2022, 39, 137-147. | 1.0 | 13 |
| 4 | FOXA2 suppresses endometrial carcinogenesis and epithelial-mesenchymal transition by regulating enhancer activity. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 3.9 | 4 |
| 5 | Endometrial polyps are non-neoplastic but harbor epithelial mutations in endometrial cancer drivers at low allelic frequencies. <i>Modern Pathology</i> , 2022, 35, 1702-1712. | 2.9 | 8 |
| 6 | Prevalence and prognostic significance of PD-L1, TIM-3 and B7-H3 expression in endometrial serous carcinoma. <i>Modern Pathology</i> , 2022, 35, 1955-1965. | 2.9 | 11 |
| 7 | Morules But Not Squamous Differentiation are a Reliable Indicator of CTNNB1 (β -catenin) Mutations in Endometrial Carcinoma and Precancers. <i>American Journal of Surgical Pathology</i> , 2022, 46, 1447-1455. | 2.1 | 10 |
| 8 | DNA Sensing in Mismatch Repair-Deficient Tumor Cells Is Essential for Anti-tumor Immunity. <i>Cancer Cell</i> , 2021, 39, 96-108.e6. | 7.7 | 153 |
| 9 | Serial genomic analysis of endometrium supports the existence of histologically indistinct endometrial cancer precursors. <i>Journal of Pathology</i> , 2021, 254, 20-30. | 2.1 | 9 |
| 10 | PD-L1 Expression in Endocervical Adenocarcinoma. <i>American Journal of Surgical Pathology</i> , 2021, 45, 742-752. | 2.1 | 10 |
| 11 | PD-L1 Expression and CD8+ Tumor-infiltrating Lymphocytes in Different Types of Tubo-ovarian Carcinoma and Their Prognostic Value in High-grade Serous Carcinoma. <i>American Journal of Surgical Pathology</i> , 2020, 44, 1050-1060. | 2.1 | 34 |
| 12 | Dual ARID1A/ARID1B loss leads to rapid carcinogenesis and disruptive redistribution of BAF complexes. <i>Nature Cancer</i> , 2020, 1, 909-922. | 5.7 | 24 |
| 13 | Specific Biomarker Expression Patterns in the Diagnosis of Residual and Recurrent Endometrial Precancers After Progestin Treatment. <i>American Journal of Surgical Pathology</i> , 2020, 44, 1429-1439. | 2.1 | 16 |
| 14 | A PoleP286R mouse model of endometrial cancer recapitulates high mutational burden and immunotherapy response. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 25 |
| 15 | Development and Maldevelopment of the Female Reproductive System. , 2019, , 1-40. | | 2 |
| 16 | Mismatch Repair Protein Expression in Endometrioid Intraepithelial Neoplasia/Atypical Hyperplasia: Should We Screen for Lynch Syndrome in Precancerous Lesions?. <i>International Journal of Gynecological Pathology</i> , 2019, 38, 533-542. | 0.9 | 25 |
| 17 | PI3K Pathway Effectors pAKT and FOXO1 as Novel Markers of Endometrioid Intraepithelial Neoplasia. <i>International Journal of Gynecological Pathology</i> , 2019, 38, 503-513. | 0.9 | 22 |
| 18 | Fbxw7 is a driver of uterine carcinosarcoma by promoting epithelial-mesenchymal transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25880-25890. | 3.3 | 47 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | CHEK1 coordinates DNA damage signaling and meiotic progression in the male germline of mice. <i>Human Molecular Genetics</i> , 2018, 27, 1136-1149. | 1.4 | 26 |
| 20 | Foxo3 Promotes Apoptosis of B Cell Receptor- Stimulated Immature B Cells, Thus Limiting the Window for Receptor Editing. <i>Journal of Immunology</i> , 2018, 201, 940-949. | 0.4 | 9 |
| 21 | Polymerase-mediated ultramutagenesis in mice produces diverse cancers with high mutational load. <i>Journal of Clinical Investigation</i> , 2018, 128, 4179-4191. | 3.9 | 56 |
| 22 | LKB1 as a Tumor Suppressor in Uterine Cancer: Mouse Models and Translational Studies. <i>Advances in Experimental Medicine and Biology</i> , 2017, 943, 211-241. | 0.8 | 5 |
| 23 | CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells. <i>Nature</i> , 2017, 546, 168-172. | 13.7 | 222 |
| 24 | Inhibition of Discoidin Domain Receptor 1 Reduces Collagen-mediated Tumorigenicity in Pancreatic Ductal Adenocarcinoma. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2473-2485. | 1.9 | 86 |
| 25 | Visualization and Lineage Tracing of Pax7+ Spermatogonial Stem Cells in the Mouse. <i>Methods in Molecular Biology</i> , 2017, 1463, 139-154. | 0.4 | 2 |
| 26 | A comprehensively characterized cell line panel highly representative of clinical ovarian high-grade serous carcinomas. <i>Oncotarget</i> , 2017, 8, 50489-50499. | 0.8 | 23 |
| 27 | Control of Oocyte Reawakening by Kit. <i>PLoS Genetics</i> , 2016, 12, e1006215. | 1.5 | 61 |
| 28 | Regulation of FOXO3 subcellular localization by Kit ligand in the neonatal mouse ovary. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1741-1747. | 1.2 | 14 |
| 29 | FOXO1/3 and PTEN Depletion in Granulosa Cells Promotes Ovarian Granulosa Cell Tumor Development. <i>Molecular Endocrinology</i> , 2015, 29, 1006-1024. | 3.7 | 62 |
| 30 | Noncatalytic <i>PTEN</i> missense mutation predisposes to organ-selective cancer development in vivo. <i>Genes and Development</i> , 2015, 29, 1707-1720. | 2.7 | 29 |
| 31 | Fibulin-5 Blocks Microenvironmental ROS in Pancreatic Cancer. <i>Cancer Research</i> , 2015, 75, 5058-5069. | 0.4 | 33 |
| 32 | LKB1 loss promotes endometrial cancer progression via CCL2-dependent macrophage recruitment. <i>Journal of Clinical Investigation</i> , 2015, 125, 4063-4076. | 3.9 | 79 |
| 33 | Collagen Signaling Enhances Tumor Progression after Anti-VEGF Therapy in a Murine Model of Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2014, 74, 1032-1044. | 0.4 | 88 |
| 34 | Loss of <i>Lkb1</i> and <i>Pten</i> Leads to Lung Squamous Cell Carcinoma with Elevated PD-L1 Expression. <i>Cancer Cell</i> , 2014, 25, 590-604. | 7.7 | 332 |
| 35 | PAX7 expression defines germline stem cells in the adult testis. <i>Journal of Clinical Investigation</i> , 2014, 124, 3929-3944. | 3.9 | 143 |
| 36 | FOXO1/3 Depletion in Granulosa Cells Alters Follicle Growth, Death and Regulation of Pituitary FSH. <i>Molecular Endocrinology</i> , 2013, 27, 238-252. | 3.7 | 77 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Monitoring Tumorigenesis and Senescence In Vivo with a p16INK4a-Luciferase Model. <i>Cell</i> , 2013, 152, 340-351. | 13.5 | 325 |
| 38 | Gonadal Expression of Foxo1, but Not Foxo3, Is Conserved in Diverse Mammalian Species. <i>Biology of Reproduction</i> , 2013, 88, 103. | 1.2 | 49 |
| 39 | The LKB1 Tumor Suppressor as a Biomarker in Mouse and Human Tissues. <i>PLoS ONE</i> , 2013, 8, e73449. | 1.1 | 14 |
| 40 | Chromatin associated Sin3A is essential for male germ cell lineage in the mouse. <i>Developmental Biology</i> , 2012, 369, 349-355. | 0.9 | 19 |
| 41 | A murine lung cancer co-clinical trial identifies genetic modifiers of therapeutic response. <i>Nature</i> , 2012, 483, 613-617. | 13.7 | 430 |
| 42 | LKB1/STK11 Inactivation Leads to Expansion of a Prometastatic Tumor Subpopulation in Melanoma. <i>Cancer Cell</i> , 2012, 21, 751-764. | 7.7 | 116 |
| 43 | Errata – Insights into Primary Ovarian Insufficiency through Genetically Engineered Mouse Models. <i>Seminars in Reproductive Medicine</i> , 2011, 29, 569-570. | 0.5 | 0 |
| 44 | Up-regulation of Foxo4 mediated by hepatitis B virus X protein confers resistance to oxidative stress-induced cell death. <i>International Journal of Molecular Medicine</i> , 2011, 28, 255-60. | 1.8 | 29 |
| 45 | Cell-Type-Dependent Regulation of mTORC1 by REDD1 and the Tumor Suppressors TSC1/TSC2 and LKB1 in Response to Hypoxia. <i>Molecular and Cellular Biology</i> , 2011, 31, 1870-1884. | 1.1 | 70 |
| 46 | Insights into Primary Ovarian Insufficiency through Genetically Engineered Mouse Models. <i>Seminars in Reproductive Medicine</i> , 2011, 29, 283-298. | 0.5 | 34 |
| 47 | Foxo1 is required in mouse spermatogonial stem cells for their maintenance and the initiation of spermatogenesis. <i>Journal of Clinical Investigation</i> , 2011, 121, 3456-3466. | 3.9 | 222 |
| 48 | Integrative Genomic and Proteomic Analyses Identify Targets for Lkb1-Deficient Metastatic Lung Tumors. <i>Cancer Cell</i> , 2010, 17, 547-559. | 7.7 | 215 |
| 49 | Mouse models of uterine corpus tumors clinical significance and utility. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 882-905. | 0.9 | 13 |
| 50 | Lack of host SPARC enhances vascular function and tumor spread in an orthotopic murine model of pancreatic carcinoma. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 57-72. | 1.2 | 101 |
| 51 | Lkb1 inactivation is sufficient to drive endometrial cancers that are aggressive yet highly responsive to mTOR inhibitor monotherapy. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 181-193. | 1.2 | 108 |
| 52 | Foxo3 ^{-/-} mice demonstrate reduced numbers of pre-B and recirculating B cells but normal splenic B cell sub-population distribution. <i>International Immunology</i> , 2009, 21, 831-842. | 1.8 | 36 |
| 53 | Foxo1 links homing and survival of naive T cells by regulating L-selectin, CCR7 and interleukin 7 receptor. <i>Nature Immunology</i> , 2009, 10, 176-184. | 7.0 | 481 |
| 54 | Transcription factor Foxo3 controls the magnitude of T cell immune responses by modulating the function of dendritic cells. <i>Nature Immunology</i> , 2009, 10, 504-513. | 7.0 | 199 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Kit signaling via PI3K promotes ovarian follicle maturation but is dispensable for primordial follicle activation. <i>Developmental Biology</i> , 2009, 331, 292-299. | 0.9 | 84 |
| 56 | Somatic LKB1 Mutations Promote Cervical Cancer Progression. <i>PLoS ONE</i> , 2009, 4, e5137. | 1.1 | 229 |
| 57 | Distinct functions for the transcription factor Foxo1 at various stages of B cell differentiation. <i>Nature Immunology</i> , 2008, 9, 1388-1398. | 7.0 | 300 |
| 58 | Foxo3 is a PI3K-dependent molecular switch controlling the initiation of oocyte growth. <i>Developmental Biology</i> , 2008, 321, 197-204. | 0.9 | 316 |
| 59 | DNA methyltransferase loading, but not de novo methylation, is an oocyte-autonomous process stimulated by SCF signalling. <i>Developmental Biology</i> , 2008, 321, 238-250. | 0.9 | 27 |
| 60 | Differential Roles of Telomere Attrition in Type I and II Endometrial Carcinogenesis. <i>American Journal of Pathology</i> , 2008, 173, 536-544. | 1.9 | 25 |
| 61 | Loss of Lkb1 Provokes Highly Invasive Endometrial Adenocarcinomas. <i>Cancer Research</i> , 2008, 68, 759-766. | 0.4 | 97 |
| 62 | Telomere dysfunction promotes genome instability and metastatic potential in a K-ras p53 mouse model of lung cancer. <i>Carcinogenesis</i> , 2008, 29, 747-753. | 1.3 | 47 |
| 63 | Sequence variation at the human FOXO3 locus: a study of premature ovarian failure and primary amenorrhea. <i>Human Reproduction</i> , 2007, 23, 216-221. | 0.4 | 49 |
| 64 | Specificity of the requirement for Foxo3 in primordial follicle activation. <i>Reproduction</i> , 2007, 133, 855-863. | 1.1 | 83 |
| 65 | FoxO4 Regulates Tumor Necrosis Factor Alpha-Directed Smooth Muscle Cell Migration by Activating Matrix Metalloproteinase 9 Gene Transcription. <i>Molecular and Cellular Biology</i> , 2007, 27, 2676-2686. | 1.1 | 103 |
| 66 | Viable Mice with Compound Mutations in the Wnt/Dvl Pathway Antagonists nkd1 and nkd2. <i>Molecular and Cellular Biology</i> , 2007, 27, 4454-4464. | 1.1 | 37 |
| 67 | Genomewide Discovery and Classification of Candidate Ovarian Fertility Genes in the Mouse. <i>Genetics</i> , 2007, 177, 179-194. | 1.2 | 81 |
| 68 | FoxOs Are Lineage-Restricted Redundant Tumor Suppressors and Regulate Endothelial Cell Homeostasis. <i>Cell</i> , 2007, 128, 309-323. | 13.5 | 952 |
| 69 | FoxOs Are Critical Mediators of Hematopoietic Stem Cell Resistance to Physiologic Oxidative Stress. <i>Cell</i> , 2007, 128, 325-339. | 13.5 | 1,416 |
| 70 | Generation of a germ cell-specific mouse transgenic Cre line, Vasa-Cre. <i>Genesis</i> , 2007, 45, 413-417. | 0.8 | 304 |
| 71 | LKB1 modulates lung cancer differentiation and metastasis. <i>Nature</i> , 2007, 448, 807-810. | 13.7 | 907 |
| 72 | A Foxo/Notch pathway controls myogenic differentiation and fiber type specification. <i>Journal of Clinical Investigation</i> , 2007, 117, 2477-2485. | 3.9 | 237 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Simplifying the preevacuation testing strategy for patients with molar pregnancy. <i>Journal of reproductive medicine, The</i> , 2007, 52, 685-8. | 0.2 | 0 |
| 74 | Foxo Transcription Factors Blunt Cardiac Hypertrophy by Inhibiting Calcineurin Signaling. <i>Circulation</i> , 2006, 114, 1159-1168. | 1.6 | 278 |
| 75 | FoxO Are Critical Mediators of Hematopoietic Stem Cell Resistance to Physiologic Oxidative Stress.. <i>Blood</i> , 2006, 108, 439-439. | 0.6 | 1 |
| 76 | Duration of human chorionic gonadotropin surveillance for partial hydatidiform moles. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 192, 1362-1364. | 0.7 | 28 |
| 77 | Regulation of Oxidative Stress by the Anti-aging Hormone Klotho* TM . <i>Journal of Biological Chemistry</i> , 2005, 280, 38029-38034. | 1.6 | 596 |
| 78 | The differential impact of p16INK4a or p19ARF deficiency on cell growth and tumorigenesis. <i>Oncogene</i> , 2004, 23, 379-385. | 2.6 | 196 |
| 79 | Complete hydatidiform mole retaining a chromosome 11 of maternal origin: molecular genetic analysis of a case. <i>Modern Pathology</i> , 2004, 17, 1155-1160. | 2.9 | 80 |
| 80 | Immunohistochemistry for the imprinted gene product IPL/PHLDA2 for facilitating the differential diagnosis of complete hydatidiform mole. <i>Journal of reproductive medicine, The</i> , 2004, 49, 630-6. | 0.2 | 18 |
| 81 | Suppression of Ovarian Follicle Activation in Mice by the Transcription Factor Foxo3a. <i>Science</i> , 2003, 301, 215-218. | 6.0 | 822 |
| 82 | Biomarkers in Diagnostic Obstetric and Gynecologic Pathology: A Review. <i>Advances in Anatomic Pathology</i> , 2003, 10, 55-68. | 2.4 | 57 |
| 83 | Constitutive telomerase expression promotes mammary carcinomas in aging mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8191-8196. | 3.3 | 292 |
| 84 | Genetic analysis of Pten and Ink4a/Arf interactions in the suppression of tumorigenesis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1455-1460. | 3.3 | 134 |
| 85 | Distinction Between Endometrial and Endocervical Adenocarcinoma: An Immunohistochemical Study. <i>International Journal of Gynecological Pathology</i> , 2002, 21, 4-10. | 0.9 | 155 |
| 86 | The maternally transcribed gene p57KIP2 (CDKN1C) is abnormally expressed in both androgenetic and biparental complete hydatidiform moles. <i>Human Molecular Genetics</i> , 2002, 11, 3267-3272. | 1.4 | 125 |
| 87 | VASA Is a Specific Marker for Both Normal and Malignant Human Germ Cells. <i>Laboratory Investigation</i> , 2002, 82, 159-166. | 1.7 | 72 |
| 88 | p16(INK4a) and p53 deficiency cooperate in tumorigenesis. <i>Cancer Research</i> , 2002, 62, 2761-5. | 0.4 | 51 |
| 89 | Ploidy and imprinting in hydatidiform moles. Complementary use of flow cytometry and immunohistochemistry of the imprinted gene product p57KIP2 to assist molar classification. <i>Journal of reproductive medicine, The</i> , 2002, 47, 342-6. | 0.2 | 25 |
| 90 | Impaired Nonhomologous End-Joining Provokes Soft Tissue Sarcomas Harboring Chromosomal Translocations, Amplifications, and Deletions. <i>Molecular Cell</i> , 2001, 8, 1187-1196. | 4.5 | 166 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Discrimination of Complete Hydatidiform Mole From Its Mimics by Immunohistochemistry of the Paternally Imprinted Gene Product p57 KIP2. American Journal of Surgical Pathology, 2001, 25, 1225-1230. | 2.1 | 222 |
| 92 | Pathologic Findings in Eight Cases of Ovarian Serous Borderline Tumors, Three With Foci of Serous Carcinoma, That Preceded Death or Morbidity From Invasive Carcinoma. International Journal of Gynecological Pathology, 2001, 20, 329-334. | 0.9 | 17 |
| 93 | Multimodality Therapy in Early-Stage Neuroendocrine Carcinoma of the Uterine Cervix. Gynecologic Oncology, 2001, 81, 82-87. | 0.6 | 92 |
| 94 | Loss of p16Ink4a with retention of p19Arf predisposes mice to tumorigenesis. Nature, 2001, 413, 86-91. | 13.7 | 778 |
| 95 | Control of Male Sexual Behavior and Sexual Orientation in Drosophila by the fruitless Gene. Cell, 1996, 87, 1079-1089. | 13.5 | 477 |