Isabelle E Godin

List of Publications by Year
in descending order

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47 papers	5,695 citations	172457 29 h-index	276875 41 g-index
52 all docs	52 docs citations	52 times ranked	5528 citing authors

#	Article	IF	Citations
1	Microglia derive from progenitors, originating from the yolk sac, and which proliferate in the brain. Developmental Brain Research, 1999, 117, 145-152.	1.7	663
2	Lymphoid Potential, Probed before Circulation in Mouse, Is Restricted to Caudal Intraembryonic Splanchnopleura. Cell, 1996, 86, 907-916.	28.9	533
3	Para-aortic splanchnopleura from early mouse embryos contains B1a cell progenitors. Nature, 1993, 364, 67-70.	27.8	361
4	Ontogeny of the Hematopoietic System. Annual Review of Immunology, 2007, 25, 745-785.	21.8	361
5	Emergence of multipotent hemopoietic cells in the yolk sac and paraaortic splanchnopleura in mouse embryos, beginning at 8.5 days postcoitus.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 773-777.	7.1	333
6	Intraembryonic, but Not Yolk Sac Hematopoietic Precursors, Isolated before Circulation, Provide Long-Term Multilineage Reconstitution. Immunity, 2001, 15, 477-485.	14.3	300
7	Three pathways to mature macrophages in the early mouse yolk sac. Blood, 2005, 106, 3004-3011.	1.4	260
8	Characterization of purified intraembryonic hematopoietic stem cells as a tool to define their site of origin. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 134-139.	7.1	253
9	Lymphomyeloid Contribution of an Immune-Restricted Progenitor Emerging Prior to Definitive Hematopoietic Stem Cells. Cell Stem Cell, 2013, 13, 535-548.	11.1	225
10	The hare and the tortoise: an embryonic haematopoietic race. Nature Reviews Immunology, 2002, 2, 593-604.	22.7	220
11	GATA-3 Promotes Maturation, IFN-Î³ Production, and Liver-Specific Homing of NK Cells. Immunity, 2003, 19, 701-711.	14.3	218
12	Interaction between AIF and CHCHD4 Regulates Respiratory Chain Biogenesis. Molecular Cell, 2015, 58, 1001-1014.	9.7	164
13	Stem Cell Emergence and Hemopoietic Activity Are Incompatible in Mouse Intraembryonic Sites. Journal of Experimental Medicine, 1999, 190, 43-52.	8.5	160
14	Disruption of the Rev3l-encoded catalytic subunit of polymerase Î¶ in mice results in early embryonic lethality. Current Biology, 2000, 10, 1221-1224.	3.9	156
15	The Molecular Characterization of the Fetal Stem Cell Marker AA4. Immunity, 1999, 10, 691-700.	14.3	154
16	Evidence that the JAK2 G1849T (V617F) mutation occurs in a lymphomyeloid progenitor in polycythemia vera and idiopathic myelofibrosis. Blood, 2007, 109, 71-77.	1.4	154
17	Expression of CD41 on hematopoietic progenitors derived from embryonic hematopoietic cells. Development (Cambridge), 2002, 129, 2003-2013.	2.5	133
18	The earliest thymic T cell progenitors sustain B cell and myeloid lineage potential. Nature Immunology, 2012, 13, 412-419.	14.5	132

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19	Transcriptomeâ€based profiling of yolk sacâ€derived macrophages reveals a role for Irf8 in macrophage maturation. EMBO Journal, 2016, 35, 1730-1744.	7.8	108
20	Evidence for MPL W515L/K mutations in hematopoietic stem cells in primitive myelofibrosis. Blood, 2007, 110, 3735-3743.	1.4	96
21	Immature hematopoietic stem cells undergo maturation in the fetal liver. Development (Cambridge), 2012, 139, 3521-3530.	2.5	91
22	Pluripotent hematopoietic stem cell development during embryogenesis. Current Opinion in Immunology, 2001, 13, 166-171.	5.5	86
23	The SCL relative LYL-1 is required for fetal and adult hematopoietic stem cell function and B-cell differentiation. Blood, 2006, 107, 4678-4686.	1.4	75
24	Antigenic profiles of endothelial and hemopoietic lineages in murine intraembryonic hemogenic sites. Developmental and Comparative Immunology, 1998, 22, 303-319.	2.3	72
25	Expression of CD41 on hematopoietic progenitors derived from embryonic hematopoietic cells. Development (Cambridge), 2002, 129, 2003-13.	2.5	67
26	Of birds and mice: hematopoietic stem cell development. International Journal of Developmental Biology, 2005, 49, 251-257.	0.6	49
27	Initial seeding of the embryonic thymus by immune-restricted lympho-myeloid progenitors. Nature Immunology, 2016, 17, 1424-1435.	14.5	49
28	Where Do Hematopoietic Stem Cells Come from?. International Archives of Allergy and Immunology, 1997, 112, 3-8.	2.1	39
29	Ontogenic Changes in Hematopoietic Hierarchy Determine Pediatric Specificity and Disease Phenotype in Fusion Oncogeneâ€“Driven Myeloid Leukemia. Cancer Discovery, 2019, 9, 1736-1753.	9.4	37
30	lyl-1 and tal-1/scl, two genes encoding closely related bHLH transcription factors, display highly overlapping expression patterns during cardiovascular and hematopoietic ontogeny. Gene Expression Patterns, 2007, 7, 215-226.	0.8	29
31	B-lymphoid potential in pre-liver mouse embryo. Seminars in Immunology, 1995, 7, 131-141.	5.6	18
32	Developmental Events from Hemopoietic Stem Cells to B-Cell Populations and Ig Repertoires. Immunological Reviews, 1994, 137, 155-171.	6.0	15
33	Initiation of Hemopoiesis in the Mouse Embryo. Annals of the New York Academy of Sciences, 1994, 718, 140-146.	3.8	11
34	Hematopoietic Stem Cell Development During Mouse Embryogenesis. , 2005, 105, 273-288.		10
35	Explanted and implanted notochord of amphibian anuran embryos. Anatomy and Embryology, 1986, 173, 393-399.	1.5	9
36	Notochordal Catecholamines in Exogastrulated Xenopus Embryos. (catecholamines/exogastrulae/neurectoderm/notochord/xenopus). Development Growth and Differentiation, 1986, 28, 137-142.	1.5	8

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37	Gene transfer to pre-hematopoietic and committed hematopoietic precursors in the early mouse Yolk Sac: a comparative study between in situ electroporation and retroviral transduction. BMC Developmental Biology, 2007, 7, 79.	2.1	8
38	Toll-like receptor 2 expression on c-kit+ cells tracks the emergence of embryonic definitive hematopoietic progenitors. Nature Communications, 2019, 10, 5176.	12.8	8
39	Lyl-1 regulates primitive macrophages and microglia development. Communications Biology, 2021, 4, 1382.	4.4	8
40	The role of RNA interference in the developmental separation of blood and lymphatic vasculature. Vascular Cell, 2014, 6, 9.	0.2	4
41	Origin and Fate of Hematopoietic Precursors in the Early Mouse Embryo. , 2006, , 108-123.		2
42	Microglie : origine et dÃ©veloppement. Bulletin De L'Academie Nationale De Medecine, 2001, 185, 337-347.	0.0	2
43	Ontogeny of the Hematopoietic System. , 2016, , 111-120.		1
44	Differentiation potential of intraembryonic progenitors from preliver mouse embryos. Biology of the Cell, 1995, 84, 87-87a.	2.0	0
45	Embryonic thymopoiesis is initiated by an immune-restricted lympho-myeloid progenitor independently of notch signaling. Experimental Hematology, 2016, 44, S65.	0.4	0
46	Embryonic thymopoiesis is initiated by an immune-restricted lympho-myeloid progenitor, independently of notch signaling. Experimental Hematology, 2017, 53, S113-S114.	0.4	0
47	Hematopoietic Growth Factors Involved in B-Cell Development. Blood Cell Biochemistry, 1996, , 217-239.	0.3	0