

# Jean-Loup Duband

## List of Publications by Year in descending order

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39  
papers

3,174  
citations

257101

24  
h-index

329751

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell adhesion molecules in early chicken embryogenesis.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 6737-6741.	3.3	388
2	Pathways and mechanisms of avian trunk neural crest cell migration and localization. Developmental Biology, 1982, 93, 324-343.	0.9	322
3	Cell adhesion and migration in the early vertebrate embryo: location and possible role of the putative fibronectin receptor complex. Journal of Cell Biology, 1986, 102, 160-178.	2.3	302
4	Adhesion molecules during somitogenesis in the avian embryo.. Journal of Cell Biology, 1987, 104, 1361-1374.	2.3	272
5	Calponin and SM22 as differentiation markers of smooth muscle: spatiotemporal distribution during avian embryonic development. Differentiation, 1993, 55, 1-11.	1.0	219
6	Fibronectin receptor exhibits high lateral mobility in embryonic locomoting cells but is immobile in focal contacts and fibrillar streaks in stationary cells.. Journal of Cell Biology, 1988, 107, 1385-1396.	2.3	207
7	Cross Talk between Adhesion Molecules: Control of N-cadherin Activity by Intracellular Signals Elicited by $\beta$ 1 and $\beta$ 3 Integrins in Migrating Neural Crest Cells. Journal of Cell Biology, 1997, 137, 1663-1681.	2.3	152
8	Appearance and distribution of fibronectin during chick embryo gastrulation and neurulation. Developmental Biology, 1982, 94, 337-350.	0.9	131
9	Ets-1 Confers Cranial Features on Neural Crest Delamination. PLoS ONE, 2007, 2, e1142.	1.1	112
10	Timing and kinetics of E-cadherin to N-cadherin switch during neurulation in the avian embryo. Developmental Dynamics, 2012, 241, 1333-1349.	0.8	96
11	The role of fibronectins in embryonic cell migrations. Trends in Genetics, 1988, 4, 198-203.	2.9	88
12	Sonic hedgehog restricts adhesion and migration of neural crest cells independently of the Patched-Smoothed-Gli signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12521-12526.	3.3	87
13	Misregulation of SDF1-CXCR4 Signaling Impairs Early Cardiac Neural Crest Cell Migration Leading to Conotruncal Defects. Circulation Research, 2013, 113, 505-516.	2.0	80
14	Junctional Neurulation: A Unique Developmental Program Shaping a Discrete Region of the Spinal Cord Highly Susceptible to Neural Tube Defects. Journal of Neuroscience, 2014, 34, 13208-13221.	1.7	77
15	Cellular localization and signaling activity of $\beta$ -catenin in migrating neural crest cells. Developmental Dynamics, 2004, 230, 708-726.	0.8	59
16	Central role of the $\beta$ 1 integrin in the coordination of avian truncal neural crest cell adhesion, migration, and survival. Developmental Dynamics, 2001, 222, 127-140.	0.8	57
17	How do the migratory and adhesive properties of the neural crest govern ganglia formation in the avian peripheral nervous system?. Journal of Cellular Biochemistry, 1985, 27, 189-203.	1.2	49
18	Neural Crest Delamination and Migration. Advances in Experimental Medicine and Biology, 2006, 589, 45-77.	0.8	47

#	ARTICLE	IF	CITATIONS
19	Diversity in the molecular and cellular strategies of epithelium-to-mesenchyme transitions: Insights from the neural crest. <i>Cell Adhesion and Migration</i> , 2010, 4, 458-482.	1.1	39
20	Î±1Î²1-integrin engagement to distinct laminin-1 domains orchestrates spreading, migration and survival of neural crest cells through independent signaling pathways. <i>Journal of Cell Science</i> , 2006, 119, 3206-3218.	1.2	37
21	A dual role for Sonic hedgehog in regulating adhesion and differentiation of neuroepithelial cells. <i>Developmental Biology</i> , 2003, 261, 520-536.	0.9	36
22	Disruption of CXCR4 signaling in pharyngeal neural crest cells causes DiGeorge syndrome-like malformations. <i>Development (Cambridge)</i> , 2016, 143, 582-8.	1.2	33
23	Cellular localization of <i>Drosophila</i> 83-kilodalton heat shock protein in normal, heat-shocked, and recovering cultured cells with a specific antibody. <i>Biochemistry and Cell Biology</i> , 1986, 64, 816-825.	0.9	32
24	Role of a major cell-substratum adhesion system in cell behavior and morphogenesis. <i>Biology of the Cell</i> , 1986, 58, 1-13.	0.7	30
25	Cadherin interplay during neural crest segregation from the non-neural ectoderm and neural tube in the early chick embryo. <i>Developmental Dynamics</i> , 2017, 246, 550-565.	0.8	29
26	Sonic Hedgehog Regulates Integrin Activity, Cadherin Contacts, and Cell Polarity to Orchestrate Neural Tube Morphogenesis. <i>Journal of Neuroscience</i> , 2009, 29, 12506-12520.	1.7	27
27	Resolving Time and Space Constraints During Neural Crest Formation and Delamination. <i>Current Topics in Developmental Biology</i> , 2015, 111, 27-67.	1.0	26
28	Role of tissue environment and fibronectin in the patterning of neural crest derivatives. <i>Trends in Neurosciences</i> , 1986, 9, 565-570.	4.2	21
29	Modes of Cell Migration in the Vertebrate Embryo. <i>International Review of Cytology</i> , 1990, 123, 201-252.	6.2	18
30	Buckling along boundaries of elastic contrast as a mechanism for early vertebrate morphogenesis. <i>European Physical Journal E</i> , 2015, 38, 92.	0.7	18
31	Spatio-temporal distribution of the adherens junction-associated molecules vinculin and talin in the early avian embryo. <i>Cell Differentiation and Development</i> , 1990, 30, 55-76.	0.4	17
32	The migratory behavior of avian embryonic cells does not require phosphorylation of the fibronectin-receptor complex. <i>FEBS Letters</i> , 1988, 230, 181-185.	1.3	16
33	The Instructive Role of Fibronectins in Cell Migrations during Embryonic Development. <i>Annals of the New York Academy of Sciences</i> , 1990, 588, 273-280.	1.8	14
34	Spatio-temporal control of neural epithelial cell migration and epithelium-to-mesenchyme transition during avian neural tube development. <i>Development Growth and Differentiation</i> , 2009, 51, 25-44.	0.6	13
35	Regulation of Development by the Extracellular Matrix. , 1987, , 1-53.		8
36	SDF1-CXCR4 signaling: A new player involved in DiGeorge/22q11-deletion syndrome. <i>Rare Diseases (Austin, Tex)</i> , 2016, 4, e1195050.	1.8	6

#	ARTICLE	IF	CITATIONS
37	Hyperactivation of Alk induces neonatal lethality in knock-in AlkF1178L mice. <i>Oncotarget</i> , 2014, 5, 2703-2713.	0.8	6
38	Establishing Primary Cultures of Trunk Neural Crest Cells. <i>Current Protocols in Cell Biology</i> , 2020, 88, e109.	2.3	2
39	The Neural Crest as a Model System to Study Modulations of Cellular Adhesiveness during Avian Embryonic Development. , 1992, , 87-98.		1