

# Nicoletta Bobola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5795338/publications.pdf>

Version: 2024-02-01

27  
papers

735  
citations

623734

14  
h-index

580821

25  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1376  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The spatial phenotype of genotypically distinct meningiomas demonstrate potential implications of the embryology of the meninges. <i>Oncogene</i> , 2021, 40, 875-884.   | 5.9  | 13        |
| 2  | Molecular Characterization of HOXA2 and HOXA3 Binding Properties. <i>Journal of Developmental Biology</i> , 2021, 9, 55.   | 1.7  | 2         |
| 3  | Combinatorial action of NF- $\kappa$ B and TALE at embryonic enhancers defines distinct gene expression programs during zygotic genome activation in zebrafish. <i>Developmental Biology</i> , 2020, 459, 161-180. | 2.0  | 8         |
| 4  | Dynamic changes in the epigenomic landscape regulate human organogenesis and link to developmental disorders. <i>Nature Communications</i> , 2020, 11, 3920.   | 12.8 | 17        |
| 5  | Uncovering tissue-specific binding features from differential deep learning. <i>Nucleic Acids Research</i> , 2020, 48, e27-e27.  | 14.5 | 13        |
| 6  | HOX paralogs selectively convert binding of ubiquitous transcription factors into tissue-specific patterns of enhancer activation. <i>PLoS Genetics</i> , 2020, 16, e1009162.                                      | 3.5  | 23        |
| 7  | TALE factors use two distinct functional modes to control an essential zebrafish gene expression program. <i>ELife</i> , 2018, 7, .  | 6.0  | 31        |
| 8  | Laser Capture and Deep Sequencing Reveals the Transcriptomic Programmes Regulating the Onset of Pancreas and Liver Differentiation in Human Embryos. <i>Stem Cell Reports</i> , 2017, 9, 1387-1394.                | 4.8  | 37        |
| 9  | From DNA binding to transcriptional activation: Is the TALE complete?. <i>Journal of Cell Biology</i> , 2017, 216, 2603-2605.  | 5.2  | 1         |
| 10 | Homeodomain proteins in action: similar DNA binding preferences, highly variable connectivity. <i>Current Opinion in Genetics and Development</i> , 2017, 43, 1-8.   | 3.3  | 41        |
| 11 | A tissue-specific, Gata6-driven transcriptional program instructs remodeling of the mature arterial tree. <i>ELife</i> , 2017, 6, .  | 6.0  | 13        |
| 12 | A distal 594bp ECR specifies <i>Hmx1</i> expression in pinna and lateral facial morphogenesis and is regulated by Hox-Pbx-Meis. <i>Development (Cambridge)</i> , 2016, 143, 2582-92.                               | 2.5  | 13        |
| 13 | An integrative transcriptomic atlas of organogenesis in human embryos. <i>ELife</i> , 2016, 5, .   | 6.0  | 61        |
| 14 | <i>Hoxa2</i> Selectively Enhances Meis Binding to Change a Branchial Arch Ground State. <i>Developmental Cell</i> , 2015, 32, 265-277.   | 7.0  | 76        |
| 15 | Diabetes Inhibits Gr-1+Myeloid Cell Maturation via Cebpa Deregulation. <i>Diabetes</i> , 2015, 64, 4184-4197.  | 0.6  | 14        |
| 16 | Epimorphin Alters the Inhibitory Effects of SOX9 on Mmp13 in Activated Hepatic Stellate Cells. <i>PLoS ONE</i> , 2014, 9, e100091.   | 2.5  | 19        |
| 17 | Chromatin Immunoprecipitation and Chromatin Immunoprecipitation with Massively Parallel Sequencing on Mouse Embryonic Tissue. <i>Methods in Molecular Biology</i> , 2014, 1196, 231-239.                           | 0.9  | 5         |
| 18 | Mouse <i>Hoxa2</i> mutations provide a model for microtia and auricle duplication. <i>Development (Cambridge)</i> , 2013, 140, 4386-4397.  | 2.5  | 75        |

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|----|---|------|-----------|
| 19 | Differential Distribution of the Ca (2+) Regulator Pcp4 in the Branchial Arches Is Regulated by Hoxa2. PLoS ONE, 2013, 8, e63160.   | 2.5  | 2         |
| 20 | Genome-wide occupancy links Hoxa2 to Wnt $\beta$ -catenin signaling in mouse embryonic development. Nucleic Acids Research, 2012, 40, 3990-4001.                          | 14.5 | 71        |
| 21 | Transient Activation of Meox1 Is an Early Component of the Gene Regulatory Network Downstream of Hoxa2. Molecular and Cellular Biology, 2011, 31, 1301-1308.              | 2.3  | 20        |
| 22 | Expressing Hoxa2 across the entire endochondral skeleton alters the shape of the skeletal template in a spatially restricted fashion. Differentiation, 2010, 79, 194-202. | 1.9  | 11        |
| 23 | Inactivation of Six2 in mouse identifies a novel genetic mechanism controlling development and growth of the cranial base. Developmental Biology, 2010, 344, 720-730.     | 2.0  | 38        |
| 24 | IGFBP5 is a potential regulator of craniofacial skeletogenesis. Genesis, 2008, 46, 52-59.   | 1.6  | 6         |
| 25 | Six2 functions redundantly immediately downstream of Hoxa2. Development (Cambridge), 2008, 135, 1463-1470.  | 2.5  | 39        |
| 26 | Hoxa2 downregulates Six2 in the neural crest-derived mesenchyme. Development (Cambridge), 2005, 132, 469-478.   | 2.5  | 40        |
| 27 | Mesenchymal patterning by Hoxa2 requires blocking Fgf-dependent activation of Ptx1. Development (Cambridge), 2003, 130, 3403-3414.  | 2.5  | 40        |