

# Sylvie Babajko

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58  
papers

2,023  
citations

23  
h-index

44  
g-index

71  
ext. papers

2,234  
ext. citations

5.3  
avg, IF

4.32  
L-index

#	Paper	IF	Citations
58	Cytoplasmic foci are sites of mRNA decay in human cells. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 31-40	7.3	496
57	Human Dcp2: a catalytically active mRNA decapping enzyme located in specific cytoplasmic structures. <i>EMBO Journal</i> , <b>2002</b> , 21, 6915-24	13	356
56	Liver-specific expression of human insulin-like growth factor binding protein-1 in transgenic mice: repercussions on reproduction, ante- and perinatal mortality and postnatal growth. <i>Endocrinology</i> , <b>1997</b> , 138, 2937-47	4.8	111
55	'Cap-tabolism'. <i>Trends in Biochemical Sciences</i> , <b>2004</b> , 29, 436-44	10.3	87
54	Enamel defects reflect perinatal exposure to bisphenol A. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 108-18	5.8	75
53	Insulin-like growth factor binding protein-6 transgenic mice: postnatal growth, brain development, and reproduction abnormalities. <i>Endocrinology</i> , <b>2004</b> , 145, 2412-20	4.8	52
52	Insulin-like growth factor binding protein (IGFBP-1) involvement in intrauterine growth retardation: study on IGFBP-1 overexpressing transgenic mice. <i>Endocrinology</i> , <b>2006</b> , 147, 4730-7	4.8	47
51	Role of insulin-like growth factor binding protein-2 and its limited proteolysis in neuroblastoma cell proliferation: modulation by transforming growth factor-beta and retinoic acid. <i>Endocrinology</i> , <b>1997</b> , 138, 683-90	4.8	38
50	Expression of insulin-like growth factor-binding protein 6 complementary DNA alters neuroblastoma cell growth. <i>Cancer Research</i> , <b>1998</b> , 58, 1670-6	10.1	35
49	Modulation by retinoic acid of insulin-like growth factor (IGF) and IGF binding protein expression in human SK-N-SH neuroblastoma cells. <i>European Journal of Endocrinology</i> , <b>1996</b> , 134, 474-80	6.5	34
48	IGF-binding protein-6 is involved in growth inhibition in SH-SY5Y human neuroblastoma cells: its production is both IGF- and cell density-dependent. <i>Journal of Endocrinology</i> , <b>1997</b> , 152, 221-7	4.7	34
47	Retinoic acid stimulates IGF binding protein (IGFBP)-6 and depresses IGFBP-2 and IGFBP-4 in SK-N-SH human neuroblastoma cells. <i>Journal of Endocrinology</i> , <b>1998</b> , 159, 227-32	4.7	34
46	Liver-Specific Expression of Human Insulin-Like Growth Factor Binding Protein-1 in Transgenic Mice: Repercussions on Reproduction, Ante- and Perinatal Mortality and Postnatal Growth		34
45	IGFBP-2 expression in a human cell line is associated with increased IGFBP-3 proteolysis, decreased IGFBP-1 expression and increased tumorigenicity. <i>International Journal of Cancer</i> , <b>1998</b> , 77, 874-9	7.5	32
44	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat. <i>Endocrinology</i> , <b>1993</b> , 132, 2586-92	4.8	29
43	Liver-specific expression of human insulin-like growth factor binding protein 1: functional role of transcription factor HNF1 in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 272-6	11.5	29
42	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by CLDN19 gene mutations. <i>Journal of Medical Genetics</i> , <b>2017</b> , 54, 26-37	5.8	28

41	Msx1 role in craniofacial bone morphogenesis. <i>Bone</i> , <b>2014</b> , 66, 96-104	4.7	28
40	Insulin-like growth factor binding protein-6 inhibits neuroblastoma cell proliferation and tumour development. <i>European Journal of Cancer</i> , <b>2002</b> , 38, 2058-65	7.5	27
39	N-myc regulation of type I insulin-like growth factor receptor in a human neuroblastoma cell line. <i>Cancer Research</i> , <b>1999</b> , 59, 2898-902	10.1	27
38	The IGF system in neuroblastoma xenografts: focus on IGF-binding protein-6. <i>Journal of Endocrinology</i> , <b>2002</b> , 172, 467-76	4.7	24
37	Msx1 expression regulation by its own antisense RNA: consequence on tooth development and bone regeneration. <i>Cells Tissues Organs</i> , <b>2009</b> , 189, 115-21	2.1	23
36	AUUUA sequences compromise human insulin-like growth factor binding protein-1 mRNA stability. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 267, 509-15	3.4	23
35	Wnt/ $\beta$ -catenin signaling and Msx1 promote outgrowth of the maxillary prominences. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 375	4.6	21
34	Estrogen and bisphenol A affect male rat enamel formation and promote ameloblast proliferation. <i>Endocrinology</i> , <b>2014</b> , 155, 3365-75	4.8	20
33	RANK/RANKL/OPG Signalization Implication in Periodontitis: New Evidence from a RANK Transgenic Mouse Model. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 338	4.6	19
32	Dysregulation of energy homeostasis in mice overexpressing insulin-like growth factor-binding protein 6 in the brain. <i>Diabetologia</i> , <b>2005</b> , 48, 1189-97	10.3	18
31	The amino-terminal region of insulin-like growth factor binding protein-3, (1-95)IGFBP-3, induces apoptosis of MCF-7 breast carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 293, 55-60	3.4	17
30	MSX2 in ameloblast cell fate and activity. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 510	4.6	16
29	Autoregulatory loop of Msx1 expression involving its antisense transcripts. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 220, 303-10	7	15
28	Chronic Exposure to Bisphenol A Exacerbates Dental Fluorosis in Growing Rats. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 1955-1966	6.3	15
27	Disruption of Steroid Axis, a New Paradigm for Molar Incisor Hypomineralization (MIH). <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 343	4.6	14
26	Insulin-like growth factor binding proteins increase intracellular calcium levels in two different cell lines. <i>PLoS ONE</i> , <b>2013</b> , 8, e59323	3.7	14
25	Interplay of the liver-enriched trans-acting factors, DBP and HNF1, in the transactivation of human IGFBP-1 promoter. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 196, 480-6	3.4	14
24	Androgen Receptor Involvement in Rat Amelogenesis: An Additional Way for Endocrine-Disrupting Chemicals to Affect Enamel Synthesis. <i>Endocrinology</i> , <b>2016</b> , 157, 4287-4296	4.8	13

23	Enamel hypomineralization due to endocrine disruptors. <i>Connective Tissue Research</i> , <b>2014</b> , 55 Suppl 1, 43-7	3.3	13
22	Expression of Steroid Receptors in Ameloblasts during Amelogenesis in Rat Incisors. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 503	4.6	12
21	Distorted Patterns of Dentinogenesis and Eruption in Msx2 Null Mutants: Involvement of Sost/Sclerostin. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 2577-87	5.8	11
20	Asporin and the mineralization process in fluoride-treated rats. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1446-55	6.3	11
19	Multi-hormonal regulation of IGFBP-6 expression in human neuroblastoma cells. <i>Growth Hormone and IGF Research</i> , <b>2000</b> , 10, 349-59	2	10
18	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat		10
17	Transcriptional regulation of MSX1 natural antisense transcript. <i>Cells Tissues Organs</i> , <b>2011</b> , 194, 151-5	2.1	8
16	Insulin-like growth factor (IGF) binding proteins modulate the glucocorticoid-dependent biological effects of IGF-II in cultured fetal rat hepatocytes. <i>Endocrinology</i> , <b>1999</b> , 140, 2232-40	4.8	8
15	Regulation of calbindin-D(28k) expression by Msx2 in the dental epithelium. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2012</b> , 60, 603-10	3.4	7
14	Respective role of membrane and nuclear estrogen receptor (ER) $\alpha$ in the mandible of growing mice: Implications for ER $\alpha$ modulation. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1520-1531	6.3	6
13	Regulatory and academic studies to derive reference values for human health: The case of bisphenol S. <i>Environmental Research</i> , <b>2022</b> , 204, 112233	7.9	4
12	Disrupted Iron Storage in Dental Fluorosis. <i>Journal of Dental Research</i> , <b>2019</b> , 98, 994-1001	8.1	3
11	Protein Kinase D1 (PKD1) Is a New Functional Non-Genomic Target of Bisphenol A in Breast Cancer Cells. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1683	5.6	2
10	IGFBPs are involved in xenograft development in nude mice. <i>Medical and Pediatric Oncology</i> , <b>2001</b> , 36, 154-6		2
9	The Role of GH/IGF Axis in Dento-Alveolar Complex from Development to Aging and Therapeutics: A Narrative Review. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
8	Origins of Alterations to Null Mutant Mouse Dental Root Development. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
7	Micro-dissection of Enamel Organ from Mandibular Incisor of Rats Exposed to Environmental Toxicants. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	1
6	Interactions between liver nuclear proteins and the human insulin-like growth factor binding protein 1 promoter in the course of development. <i>European Journal of Endocrinology</i> , <b>1995</b> , 132, 635-41	6.5	1

- 5 Insulin-Like Growth Factor (IGF) Binding Proteins Modulate the Glucocorticoid-Dependent Biological Effects of IGF-II in Cultured Fetal Rat Hepatocytes 1
- 4 Les taches de l'ail : quoi de neuf ?. *Revue D'orthopédie Dento-faciale*, **2013**, 47, 295-300 0 1
- 3 Primary Retention of Molars and RANKL Signaling Alteration during Craniofacial Growth. *Journal of Clinical Medicine*, **2020**, 9, 5.1 1
- 2 Enamel Matrix Biomineralization: The Role of pH Cycling. *Biology of Extracellular Matrix*, **2021**, 271-293 0.6
- 1 Environmental Factors and Enamel/Dentin Defects. *Biology of Extracellular Matrix*, **2021**, 295-305 0.6