Sylvie Babajko

List of Publications by Year in Descending Order

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	Regulatory and academic studies to derive reference values for human health: The case of bisphenol S. *Environmental Research*, **2022**, 204, 112233	7.9	4
57	The Role of GH/IGF Axis in Dento-Alveolar Complex from Development to Aging and Therapeutics: A Narrative Review. *Cells*, **2021**, 10,	7.9	2
56	Enamel Matrix Biomineralization: The Role of pH Cycling. *Biology of Extracellular Matrix*, **2021**, 271-293	0.6	
55	Environmental Factors and Enamel/Dentin Defects. *Biology of Extracellular Matrix*, **2021**, 295-305	0.6	
54	Origins of Alterations to Null Mutant Mouse Dental Root Development. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
53	Primary Retention of Molars and RANKL Signaling Alteration during Craniofacial Growth. *Journal of Clinical Medicine*, **2020**, 9,	5.1	1
52	Protein Kinase D1 (PKD1) Is a New Functional Non-Genomic Target of Bisphenol A in Breast Cancer Cells. *Frontiers in Pharmacology*, **2019**, 10, 1683	5.6	2
51	Disrupted Iron Storage in Dental Fluorosis. *Journal of Dental Research*, **2019**, 98, 994-1001	8.1	3
50	Micro-dissection of Enamel Organ from Mandibular Incisor of Rats Exposed to Environmental Toxicants. *Journal of Visualized Experiments*, **2018**,	1.6	1
49	Respective role of membrane and nuclear estrogen receptor (ER) in the mandible of growing mice: Implications for ER modulation. *Journal of Bone and Mineral Research*, **2018**, 33, 1520-1531	6.3	6
48	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by CLDN19 gene mutations. *Journal of Medical Genetics*, **2017**, 54, 26-37	5.8	28
47	RANK/RANKL/OPG Signalization Implication in Periodontitis: New Evidence from a RANK Transgenic Mouse Model. *Frontiers in Physiology*, **2017**, 8, 338	4.6	19
46	Disruption of Steroid Axis, a New Paradigm for Molar Incisor Hypomineralization (MIH). *Frontiers in Physiology*, **2017**, 8, 343	4.6	14
45	Distorted Patterns of Dentinogenesis and Eruption in Msx2 Null Mutants: Involvement of Sost/Sclerostin. *American Journal of Pathology*, **2016**, 186, 2577-87	5.8	11
44	Androgen Receptor Involvement in Rat Amelogenesis: An Additional Way for Endocrine-Disrupting Chemicals to Affect Enamel Synthesis. *Endocrinology*, **2016**, 157, 4287-4296	4.8	13
43	Expression of Steroid Receptors in Ameloblasts during Amelogenesis in Rat Incisors. *Frontiers in Physiology*, **2016**, 7, 503	4.6	12
42	Chronic Exposure to Bisphenol A Exacerbates Dental Fluorosis in Growing Rats. *Journal of Bone and Mineral Research*, **2016**, 31, 1955-1966	6.3	15

41	MSX2 in ameloblast cell fate and activity. *Frontiers in Physiology*, **2014**, 5, 510	4.6	16
40	Estrogen and bisphenol A affect male rat enamel formation and promote ameloblast proliferation. *Endocrinology*, **2014**, 155, 3365-75	4.8	20
39	Msx1 role in craniofacial bone morphogenesis. *Bone*, **2014**, 66, 96-104	4.7	28
38	Asporin and the mineralization process in fluoride-treated rats. *Journal of Bone and Mineral Research*, **2014**, 29, 1446-55	6.3	11
37	Enamel hypomineralization due to endocrine disruptors. *Connective Tissue Research*, **2014**, 55 Suppl 1, 43-7	3.3	13
36	Enamel defects reflect perinatal exposure to bisphenol A. *American Journal of Pathology*, **2013**, 183, 108-18	5.8	75
35	Insulin-like growth factor binding proteins increase intracellular calcium levels in two different cell lines. *PLoS ONE*, **2013**, 8, e59323	3.7	14
34	Les taches de l'émail : quoi de neuf ?. *Revue d'orthopedie Dento-faciale*, **2013**, 47, 295-300	0	1
33	Wnt/β-catenin signaling and Msx1 promote outgrowth of the maxillary prominences. *Frontiers in Physiology*, **2012**, 3, 375	4.6	21
32	Regulation of calbindin-D(28k) expression by Msx2 in the dental epithelium. *Journal of Histochemistry and Cytochemistry*, **2012**, 60, 603-10	3.4	7
31	Transcriptional regulation of MSX1 natural antisense transcript. *Cells Tissues Organs*, **2011**, 194, 151-5	2.1	8
30	Msx1 expression regulation by its own antisense RNA: consequence on tooth development and bone regeneration. *Cells Tissues Organs*, **2009**, 189, 115-21	2.1	23
29	Autoregulatory loop of Msx1 expression involving its antisense transcripts. *Journal of Cellular Physiology*, **2009**, 220, 303-10	7	15
28	Insulin-like growth factor binding protein (IGFBP-1) involvement in intrauterine growth retardation: study on IGFBP-1 overexpressing transgenic mice. *Endocrinology*, **2006**, 147, 4730-7	4.8	47
27	Dysregulation of energy homeostasis in mice overexpressing insulin-like growth factor-binding protein 6 in the brain. *Diabetologia*, **2005**, 48, 1189-97	10.3	18
26	Insulin-like growth factor binding protein-6 transgenic mice: postnatal growth, brain development, and reproduction abnormalities. *Endocrinology*, **2004**, 145, 2412-20	4.8	52
25	Cytoplasmic foci are sites of mRNA decay in human cells. *Journal of Cell Biology*, **2004**, 165, 31-40	7.3	496
24	'Cap-tabolism'. *Trends in Biochemical Sciences*, **2004**, 29, 436-44	10.3	87

23	Human Dcp2: a catalytically active mRNA decapping enzyme located in specific cytoplasmic structures. *EMBO Journal*, **2002**, 21, 6915-24	13	356
22	The IGF system in neuroblastoma xenografts: focus on IGF-binding protein-6. *Journal of Endocrinology*, **2002**, 172, 467-76	4.7	24
21	The amino-terminal region of insulin-like growth factor binding protein-3, (1-95)IGFBP-3, induces apoptosis of MCF-7 breast carcinoma cells. *Biochemical and Biophysical Research Communications*, **2002**, 293, 55-60	3.4	17
20	Insulin-like growth factor binding protein-6 inhibits neuroblastoma cell proliferation and tumour development. *European Journal of Cancer*, **2002**, 38, 2058-65	7.5	27
19	IGFBPs are involved in xenograft development in nude mice. *Medical and Pediatric Oncology*, **2001**, 36, 154-6		2
18	AUUUA sequences compromise human insulin-like growth factor binding protein-1 mRNA stability. *Biochemical and Biophysical Research Communications*, **2000**, 267, 509-15	3.4	23
17	Multi-hormonal regulation of IGFBP-6 expression in human neuroblastoma cells. *Growth Hormone and IGF Research*, **2000**, 10, 349-59	2	10
16	Insulin-like growth factor (IGF) binding proteins modulate the glucocorticoid-dependent biological effects of IGF-II in cultured fetal rat hepatocytes. *Endocrinology*, **1999**, 140, 2232-40	4.8	8
15	N-myc regulation of type I insulin-like growth factor receptor in a human neuroblastoma cell line. *Cancer Research*, **1999**, 59, 2898-902	10.1	27
14	IGFBP-2 expression in a human cell line is associated with increased IGFBP-3 proteolysis, decreased IGFBP-1 expression and increased tumorigenicity. *International Journal of Cancer*, **1998**, 77, 874-9	7.5	32
13	Retinoic acid stimulates IGF binding protein (IGFBP)-6 and depresses IGFBP-2 and IGFBP-4 in SK-N-SH human neuroblastoma cells. *Journal of Endocrinology*, **1998**, 159, 227-32	4.7	34
12	Expression of insulin-like growth factor-binding protein 6 complementary DNA alters neuroblastoma cell growth. *Cancer Research*, **1998**, 58, 1670-6	10.1	35
11	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. *Endocrinology*, **1997**, 138, 2937-47	4.8	111
10	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. *Endocrinology*, **1997**, 138, 683-90	4.8	38
9	IGF-binding protein-6 is involved in growth inhibition in SH-SY5Y human neuroblastoma cells: its production is both IGF- and cell density-dependent. *Journal of Endocrinology*, **1997**, 152, 221-7	4.7	34
8	Modulation by retinoic acid of insulin-like growth factor (IGF) and IGF binding protein expression in human SK-N-SH neuroblastoma cells. *European Journal of Endocrinology*, **1996**, 134, 474-80	6.5	34
7	Interactions between liver nuclear proteins and the human insulin-like growth factor binding protein 1 promoter in the course of development. *European Journal of Endocrinology*, **1995**, 132, 635-41	6.5	1
6	Interplay of the liver-enriched trans-acting factors, DBP and HNF1, in the transactivation of human IGFBP-1 promoter. *Biochemical and Biophysical Research Communications*, **1993**, 196, 480-6	3.4	14

5	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat. *Endocrinology*, **1993**, 132, 2586-92	4.8	29
4	Liver-specific expression of human insulin-like growth factor binding protein 1: functional role of transcription factor HNF1 in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **1993**, 90, 272-6	11.5	29
3	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat		10
2	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
1	Insulin-Like Growth Factor (IGF) Binding Proteins Modulate the Glucocorticoid-Dependent Biological Effects of IGF-II in Cultured Fetal Rat Hepatocytes		1