

Sylvie Babajko

List of Publications by Year in descending order

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67
papers

2,431
citations

279487

23
h-index

205818

48
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71
all docs

71
docs citations

71
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoplasmic foci are sites of mRNA decay in human cells. <i>Journal of Cell Biology</i> , 2004, 165, 31-40.	2.3	553
2	Human Dcp2: a catalytically active mRNA decapping enzyme located in specific cytoplasmic structures. <i>EMBO Journal</i> , 2002, 21, 6915-6924.	3.5	398
3	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> , 1997, 138, 2937-2947.	1.4	119
4	Enamel Defects Reflect Perinatal Exposure to Bisphenol A. <i>American Journal of Pathology</i> , 2013, 183, 108-118.	1.9	106
5	Cap-tabolism™. <i>Trends in Biochemical Sciences</i> , 2004, 29, 436-444.	3.7	97
6	Insulin-Like Growth Factor Binding Protein-6 Transgenic Mice: Postnatal Growth, Brain Development, and Reproduction Abnormalities. <i>Endocrinology</i> , 2004, 145, 2412-2420.	1.4	54
7	Insulin-Like Growth Factor Binding Protein (IGFBP-1) Involvement in Intrauterine Growth Retardation: Study on IGFBP-1 Overexpressing Transgenic Mice. <i>Endocrinology</i> , 2006, 147, 4730-4737.	1.4	51
8	Msx1 role in craniofacial bone morphogenesis. <i>Bone</i> , 2014, 66, 96-104.	1.4	46
9	Role of Insulin-Like Growth Factor Binding Protein-2 and Its Limited Proteolysis in Neuroblastoma Cell Proliferation: Modulation by Transforming Growth Factor- β 2 and Retinoic Acid*. <i>Endocrinology</i> , 1997, 138, 683-690.	1.4	45
10	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by <i>CLDN19</i> gene mutations. <i>Journal of Medical Genetics</i> , 2017, 54, 26-37.	1.5	45
11	IGFBP-2 expression in a human cell line is associated with increased IGFBP-3 proteolysis, decreased IGFBP-1 expression and increased tumorigenicity. , 1998, 77, 874-879.		39
12	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. , 0, .		37
13	Expression of insulin-like growth factor-binding protein 6 complementary DNA alters neuroblastoma cell growth. <i>Cancer Research</i> , 1998, 58, 1670-6.	0.4	37
14	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> , 1997, 152, 221-227.	1.2	36
15	Estrogen and Bisphenol A Affect Male Rat Enamel Formation and Promote Ameloblast Proliferation. <i>Endocrinology</i> , 2014, 155, 3365-3375.	1.4	36
16	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> , 1996, 134, 474-480.	1.9	35
17	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> , 1998, 159, 227-232.	1.2	35
18	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat.. <i>Endocrinology</i> , 1993, 132, 2586-2592.	1.4	33

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19	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, 272-276.	3.3	33
20	RANK/RANKL/OPG Signalization Implication in Periodontitis: New Evidence from a RANK Transgenic Mouse Model. Frontiers in Physiology, 2017, 8, 338.	1.3	33
21	N-myc regulation of type I insulin-like growth factor receptor in a human neuroblastoma cell line. Cancer Research, 1999, 59, 2898-902.	0.4	33
22	Chronic Exposure to Bisphenol A Exacerbates Dental Fluorosis in Growing Rats. Journal of Bone and Mineral Research, 2016, 31, 1955-1966.	3.1	31
23	Insulin-like growth factor binding protein-6 inhibits neuroblastoma cell proliferation and tumour development. European Journal of Cancer, 2002, 38, 2058-2065.	1.3	28
24	MSX2 in ameloblast cell fate and activity. Frontiers in Physiology, 2014, 5, 510.	1.3	28
25	AUUUA Sequences Compromise Human Insulin-like Growth Factor Binding Protein-1 mRNA Stability. Biochemical and Biophysical Research Communications, 2000, 267, 509-515.	1.0	26
26	The IGF system in neuroblastoma xenografts: focus on IGF-binding protein-6. Journal of Endocrinology, 2002, 172, 467-476.	1.2	24
27	Msx1 Expression Regulation by Its Own Antisense RNA: Consequence on Tooth Development and Bone Regeneration. Cells Tissues Organs, 2009, 189, 115-121.	1.3	23
28	Wnt/ β -catenin signaling and Msx1 promote outgrowth of the maxillary prominences. Frontiers in Physiology, 2012, 3, 375.	1.3	22
29	Androgen Receptor Involvement in Rat Amelogenesis: An Additional Way for Endocrine-Disrupting Chemicals to Affect Enamel Synthesis. Endocrinology, 2016, 157, 4287-4296.	1.4	22
30	Regulatory and academic studies to derive reference values for human health: The case of bisphenol S. Environmental Research, 2022, 204, 112233.	3.7	22
31	Dysregulation of energy homeostasis in mice overexpressing insulin-like growth factor-binding protein 6 in the brain. Diabetologia, 2005, 48, 1189-1197.	2.9	21
32	Expression of Steroid Receptors in Ameloblasts during Amelogenesis in Rat Incisors. Frontiers in Physiology, 2016, 7, 503.	1.3	21
33	Disruption of Steroid Axis, a New Paradigm for Molar Incisor Hypomineralization (MIH). Frontiers in Physiology, 2017, 8, 343.	1.3	21
34	Asporin and the Mineralization Process in Fluoride-Treated Rats. Journal of Bone and Mineral Research, 2014, 29, 1446-1455.	3.1	20
35	Enamel hypomineralization due to endocrine disruptors. Connective Tissue Research, 2014, 55, 43-47.	1.1	19
36	The amino-terminal region of insulin-like growth factor binding protein-3, 1â€“95IGFBP-3, induces apoptosis of MCF-7 breast carcinoma cells. Biochemical and Biophysical Research Communications, 2002, 293, 55-60.	1.0	17

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37	Autoregulatory loop of Msx1 expression involving its antisense transcripts. <i>Journal of Cellular Physiology</i> , 2009, 220, 303-310.	2.0	16
38	Insulin-Like Growth Factor Binding Proteins Increase Intracellular Calcium Levels in Two Different Cell Lines. <i>PLoS ONE</i> , 2013, 8, e59323.	1.1	15
39	Distorted Patterns of Dentinogenesis and Eruption in Msx2 Null Mutants. <i>American Journal of Pathology</i> , 2016, 186, 2577-2587.	1.9	15
40	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> , 1993, 196, 480-486.	1.0	14
41	Disrupted Iron Storage in Dental Fluorosis. <i>Journal of Dental Research</i> , 2019, 98, 994-1001.	2.5	13
42	Insulin-Like Growth Factor (IGF) Binding Proteins Modulate the Glucocorticoid-Dependent Biological Effects of IGF-II in Cultured Fetal Rat Hepatocytes*. <i>Endocrinology</i> , 1999, 140, 2232-2240.	1.4	10
43	Multi-hormonal regulation of IGFBP-6 expression in human neuroblastoma cells. <i>Growth Hormone and IGF Research</i> , 2000, 10, 349-359.	0.5	10
44	Expression of insulin-like growth factor binding protein-1 and -2 genes through the perinatal period in the rat. , 0, .		10
45	Transcriptional Regulation of Msx1 Natural Antisense Transcript. <i>Cells Tissues Organs</i> , 2011, 194, 151-155.	1.3	9
46	Respective role of membrane and nuclear estrogen receptor (ER) α in the mandible of growing mice: Implications for ER α modulation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1520-1531.	3.1	9
47	The Role of GH/IGF Axis in Dento-Alveolar Complex from Development to Aging and Therapeutics: A Narrative Review. <i>Cells</i> , 2021, 10, 1181.	1.8	9
48	Regulation of Calbindin-D _{28k} Expression by Msx2 in the Dental Epithelium. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 603-610.	1.3	8
49	Micro-dissection of Enamel Organ from Mandibular Incisor of Rats Exposed to Environmental Toxicants. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	7
50	Protein Kinase D1 (PKD1) Is a New Functional Non-Genomic Target of Bisphenol A in Breast Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 1683.	1.6	6
51	Origins of Alterations to Rankl Null Mutant Mouse Dental Root Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2201.	1.8	4
52	Use of Dental Defects Associated with Low-Dose di(2-Ethylhexyl)Phthalate as an Early Marker of Exposure to Environmental Toxicants. <i>Environmental Health Perspectives</i> , 2022, 130, .	2.8	4
53	Primary Retention of Molars and RANKL Signaling Alteration during Craniofacial Growth. <i>Journal of Clinical Medicine</i> , 2020, 9, 898.	1.0	3
54	IGFBPs are involved in xenograft development in nude mice. <i>Medical and Pediatric Oncology</i> , 2001, 36, 154-156.	1.0	2

#	ARTICLE	IF	CITATIONS
55	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> , 1995, 132, 635-641.	1.9	1
56	Insulin-Like Growth Factor (IGF) Binding Proteins Modulate the Glucocorticoid-Dependent Biological Effects of IGF-II in Cultured Fetal Rat Hepatocytes. , 0, .		1
57	Les taches de l'Ã©mail : quoi de neuf?. <i>Revue D'orthopedie Dento-faciale</i> , 2013, 47, 295-300.	0.0	1
58	Spots on tooth enamel: what's new?. <i>Journal of Dentofacial Anomalies and Orthodontics</i> , 2013, 16, 404.	0.0	0
59	Editorial: Tooth Enamel: Frontiers in Mineral Chemistry and Biochemistry, Integrative Cell Biology and Genetics. <i>Frontiers in Physiology</i> , 2018, 9, 1153.	1.3	0
60	Enamel Matrix Biomineralization: The Role of pH Cycling. <i>Biology of Extracellular Matrix</i> , 2021, , 271-293.	0.3	0
61	Environmental Factors and Enamel/Dentin Defects. <i>Biology of Extracellular Matrix</i> , 2021, , 295-305.	0.3	0
62	Hypomineralized teeth as biomarkers of exposure to endocrine disruptors. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
63	Estrogen and bisphenol A affect enamel formation by different signaling pathways. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
64	Bisphenol A affects amelogenesis by modulating enamel key genes expression. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
65	Systemic enamel pathologies may be due to anti-androgenic effects of some endocrine disruptors. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
66	Steroid receptors involvement in enamel hypomineralization resulting from exposure to low-dose DEHP and bisphenol A. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
67	Disruption of amelogenesis by Adult Exposure to Di(2-ethylhexyl) Phthalate in Mice. <i>Endocrine Abstracts</i> , 0, , .	0.0	0