

# Christoph Schmid

## List of Publications by Citations

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115  
papers

3,104  
citations

31  
h-index

51  
g-index

122  
ext. papers

3,434  
ext. citations

3.6  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
115	Insulin-like growth factors I and II in healthy man. Estimations of half-lives and production rates. <i>European Journal of Endocrinology</i> , <b>1989</b> , 121, 753-8	6.5	337
114	Impact of thyroid dysfunction on serum cystatin C. <i>Kidney International</i> , <b>2003</b> , 63, 1944-7	9.9	246
113	Serum cystatin C is sensitive to small changes in thyroid function. <i>Clinica Chimica Acta</i> , <b>2003</b> , 338, 87-90	6.2	122
112	Release of insulin-like growth factor carrier proteins by osteoblasts: stimulation by estradiol and growth hormone. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 160, 788-94	3.4	101
111	Pituitary apoplexy: re-evaluation of risk factors for bleeding into pituitary adenomas and impact on outcome. <i>European Journal of Endocrinology</i> , <b>2011</b> , 164, 37-43	6.5	96
110	Insulin-like growth factor I regulates type I procollagen messenger ribonucleic acid steady state levels in bone of rats. <i>Endocrinology</i> , <b>1989</b> , 125, 1575-80	4.8	91
109	Osteoporosis before lung transplantation: association with low body mass index, but not with underlying disease. <i>American Journal of Transplantation</i> , <b>2002</b> , 2, 167-72	8.7	85
108	Selective arterial calcium stimulation and hepatic venous sampling in the evaluation of hyperinsulinemic hypoglycemia: potential and limitations. <i>Journal of Vascular and Interventional Radiology</i> , <b>2004</b> , 15, 1251-6	2.4	69
107	Effect of transphenoidal surgery on sleep apnoea in acromegaly. <i>European Journal of Endocrinology</i> , <b>2007</b> , 156, 321-9	6.5	60
106	Pancreatic endocrine tumors are a rare manifestation of the neurofibromatosis type 1 phenotype: molecular analysis of a malignant insulinoma in a NF-1 patient. <i>American Journal of Surgical Pathology</i> , <b>2006</b> , 30, 1047-51	6.7	60
105	Martorell hypertensive ischemic leg ulcer: a model of ischemic subcutaneous arteriolosclerosis. <i>Archives of Dermatology</i> , <b>2010</b> , 146, 961-8		59
104	True survival benefit of lung transplantation for cystic fibrosis patients: the Zurich experience. <i>Journal of Heart and Lung Transplantation</i> , <b>2009</b> , 28, 334-9	5.8	59
103	Effects of short-term insulin-like growth factor-I (IGF-I) or growth hormone (GH) treatment on bone metabolism and on production of 1,25-dihydroxycholecalciferol in GH-deficient adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 81-7	5.6	57
102	Soluble klotho and autosomal dominant polycystic kidney disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2012</b> , 7, 248-57	6.9	55
101	Acute psychological stress affects glucose concentrations in patients with type 1 diabetes following food intake but not in the fasting state. <i>Diabetes Care</i> , <b>2005</b> , 28, 1910-5	14.6	52
100	Assessment of selective arterial calcium stimulation and hepatic venous sampling to localize insulin-secreting tumours. <i>Clinical Endocrinology</i> , <b>2001</b> , 55, 357-62	3.4	48
99	Insulin-like growth factor I: physiology, metabolic effects and clinical uses. <i>Diabetes/metabolism Reviews</i> , <b>1996</b> , 12, 195-215		45

98	Pituitary surgery and volumetric assessment of extent of resection: a paradigm shift in the use of intraoperative magnetic resonance imaging. <i>Neurosurgical Focus</i> , <b>2016</b> , 40, E17	4.2	43
97	Insulin-like growth factor I alters peripheral thyroid hormone metabolism in humans: comparison with growth hormone. <i>European Journal of Endocrinology</i> , <b>1996</b> , 134, 563-7	6.5	43
96	Increased prevalence of high Body Mass Index in patients presenting with pituitary tumours: severe obesity in patients with macroprolactinoma. <i>Swiss Medical Weekly</i> , <b>2006</b> , 136, 254-8	3.1	43
95	Soluble Klotho: a novel serum biomarker for the activity of GH-producing pituitary adenomas. <i>European Journal of Endocrinology</i> , <b>2013</b> , 168, 575-83	6.5	42
94	Effects of long-term continuous positive airway pressure on body composition and IGF1. <i>European Journal of Endocrinology</i> , <b>2010</b> , 162, 695-704	6.5	42
93	Triiodothyronine (T3) stimulates insulin-like growth factor (IGF)-1 and IGF binding protein (IGFBP)-2 production by rat osteoblasts in vitro. <i>European Journal of Endocrinology</i> , <b>1992</b> , 126, 467-73	6.5	42
92	Central serous chorioretinopathy associated with a carcinoma of the adrenal cortex. <i>Retina</i> , <b>2000</b> , 20, 98-9	3.6	41
91	Intraoperative magnetic resonance imaging-guided transsphenoidal surgery for giant pituitary adenomas. <i>Neurosurgical Review</i> , <b>2010</b> , 33, 83-90	3.9	40
90	Intraoperative magnetic resonance imaging-assisted transsphenoidal pituitary surgery in patients with acromegaly. <i>Neurosurgical Focus</i> , <b>2010</b> , 29, E9	4.2	35
89	Growth hormone (GH) receptor isoform in acromegaly: lower concentrations of GH but not insulin-like growth factor-1 in patients with a genomic deletion of exon 3 in the GH receptor gene. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1484-8	5.5	35
88	Therapeutic potential of insulinlike growth factor i. <i>Trends in Endocrinology and Metabolism</i> , <b>1990</b> , 1, 254-60	8.8	35
87	Effect of thyroxine replacement on creatinine, insulin-like growth factor 1, acid-labile subunit, and vascular endothelial growth factor. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 228-31	5.5	34
86	Evidence for a direct effect of estrogen on bone cells in vitro. <i>The Journal of Steroid Biochemistry</i> , <b>1989</b> , 34, 279-84		34
85	IGF-I and GH stimulate Phex mRNA expression in lungs and bones and 1,25-dihydroxyvitamin D(3) production in hypophysectomized rats. <i>European Journal of Endocrinology</i> , <b>2002</b> , 146, 97-105	6.5	32
84	Diabetes mellitus and survival in cystic fibrosis patients after lung transplantation. <i>Journal of Cystic Fibrosis</i> , <b>2012</b> , 11, 131-6	4.1	31
83	Phenol red mimics biological actions of estradiol: enhancement of osteoblast proliferation in vitro and of type I collagen gene expression in bone and uterus of rats in vivo. <i>The Journal of Steroid Biochemistry</i> , <b>1989</b> , 33, 907-14		31
82	Preoperative localization of adult nesidioblastosis using <sup>68</sup> Ga-DOTA-exendin-4-PET/CT. <i>Endocrine</i> , <b>2015</b> , 50, 821-3	4	30
81	Phex cDNA cloning from rat bone and studies on phex mRNA expression: tissue-specificity, age-dependency, and regulation by insulin-like growth factor (IGF) I in vivo. <i>Molecular and Cellular Endocrinology</i> , <b>2000</b> , 168, 41-51	4.4	29

80	Insulin-like growth factor (IGF) I down-regulates type 1 IGF receptor (IGF 1R) and reduces the IGF I response in A549 non-small-cell lung cancer and Saos-2/B-10 osteoblastic osteosarcoma cells. <i>Experimental Cell Research</i> , <b>2001</b> , 271, 368-77	4.2	29
79	Effect of vitamin D3 on self-perceived fatigue: A double-blind randomized placebo-controlled trial. <i>Medicine (United States)</i> , <b>2016</b> , 95, e5353	1.8	28
78	Predicting extent of resection in transsphenoidal surgery for pituitary adenoma. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 2255-2262	3	28
77	Psychological processing of transplantation in lung recipients: a quantitative study of organ integration and the relationship to the donor. <i>British Journal of Health Psychology</i> , <b>2009</b> , 14, 667-80	8.3	27
76	Pregnancy-induced changes in insulin-like growth factor I (IGF-I), insulin-like growth factor binding protein 3 (IGFBP-3), and acid-labile subunit (ALS) in patients with growth hormone (GH) deficiency and excess. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2006</b> , 85, 900-5	3.8	27
75	Pretransplantation bone disease in patients with primary pulmonary hypertension. <i>Chest</i> , <b>2006</b> , 129, 1002-8	5.3	25
74	Growth hormone and Klotho. <i>Journal of Endocrinology</i> , <b>2013</b> , 219, R37-57	4.7	24
73	A novel succinate dehydrogenase subunit B gene mutation, H132P, causes familial malignant sympathetic extraadrenal paragangliomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 362-7	5.6	24
72	Prostaglandin E2 stimulates synthesis of insulin-like growth factor binding protein-3 in rat bone cells in vitro. <i>Journal of Bone and Mineral Research</i> , <b>1992</b> , 7, 1157-63	6.3	23
71	Impact of ultra-low-field intraoperative magnetic resonance imaging on extent of resection and frequency of tumor recurrence in 104 surgically treated nonfunctioning pituitary adenomas. <i>World Neurosurgery</i> , <b>2013</b> , 79, 99-109	2.1	22
70	Calcium and insulin-like growth factor I stimulation of sodium-dependent phosphate transport and proliferation of cultured rat osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 245, 220-5	3.4	22
69	Mitogenic and antiapoptotic effects of insulin-like growth factor binding protein-6 in the human osteoblastic osteosarcoma cell line Saos-2/B-10. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 263, 786-9	3.4	22
68	[F]Fluorocholine Uptake of Parathyroid Adenoma Is Correlated with Parathyroid Hormone Level. <i>Molecular Imaging and Biology</i> , <b>2018</b> , 20, 857-867	3.8	20
67	Prognostic factors for impaired plasma sodium homeostasis after transsphenoidal surgery. <i>British Journal of Neurosurgery</i> , <b>2013</b> , 27, 63-8	1	20
66	Effect of pituitary surgery in patients with acromegaly on adiponectin serum concentrations and alanine aminotransferase activity. <i>Clinica Chimica Acta</i> , <b>2005</b> , 352, 175-81	6.2	19
65	Effect of thyroxine replacement on serum IGF-I, IGFBP-3 and the acid-labile subunit in patients with hypothyroidism and hypopituitarism. <i>Clinical Endocrinology</i> , <b>2006</b> , 65, 706-11	3.4	19
64	Severe hypophosphataemia after intravenous iron administration. <i>BMJ Case Reports</i> , <b>2017</b> , 2017,	0.9	16
63	Itraconazole comedication increases systemic levels of inhaled fluticasone in lung transplant recipients. <i>Respiration</i> , <b>2007</b> , 74, 418-22	3.7	15

62	Prostaglandin E2 stimulates sodium-dependent phosphate transport in osteoblastic cells via a protein kinase C-mediated pathway. <i>Endocrinology</i> , <b>1998</b> , 139, 89-94	4.8	15
61	Bone mineral density and secondary hyperparathyroidism in pulmonary hypertension. <i>Open Respiratory Medicine Journal</i> , <b>2009</b> , 3, 53-60	1.1	15
60	Triiodothyronine stimulates cystatin C production in bone cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 419, 425-30	3.4	14
59	Laparoscopic surgery for benign lesions of the pancreas. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , <b>2006</b> , 16, 452-7	2.1	14
58	Assessment of hyperinsulinaemia at the termination of the prolonged fast. <i>Clinica Chimica Acta</i> , <b>2004</b> , 342, 227-31	6.2	13
57	Medullary thyroid carcinoma in Graves disease. <i>Clinical Endocrinology</i> , <b>1999</b> , 50, 545-6	3.4	13
56	Growth hormone, but not insulin-like growth factor I, induces a serum protease activity for insulin-like growth factor binding protein-3 in hypophysectomized rats in vivo. <i>FEBS Letters</i> , <b>1993</b> , 334, 23-6	3.8	13
55	Impact of intraoperative MRI-guided transsphenoidal surgery on endocrine function and hormone substitution therapy in patients with pituitary adenoma. <i>Swiss Medical Weekly</i> , <b>2012</b> , 142, w13699	3.1	13
54	Maintenance of glucose control in patients with type 1 diabetes during acute mental stress by riding high-speed rollercoasters. <i>Diabetes Care</i> , <b>2007</b> , 30, 1599-601	14.6	12
53	Changes in insulin sensitivity induced by short-term growth hormone (GH) and insulin-like growth factor I (IGF-I) treatment in GH-deficient adults are not associated with changes in adiponectin levels. <i>Growth Hormone and IGF Research</i> , <b>2005</b> , 15, 300-3	2	12
52	Two forms of cytochrome P-450(11 beta) in rat zona glomerulosa cells: a short review. <i>Endocrine Research</i> , <b>1991</b> , 17, 165-84	1.9	12
51	The changing sella: internal carotid artery shift during transsphenoidal pituitary surgery. <i>Pituitary</i> , <b>2017</b> , 20, 654-660	4.3	11
50	Triiodothyronine stimulates glucose transport in bone cells. <i>Endocrine</i> , <b>2012</b> , 41, 501-11	4	11
49	Insulin determination by specific and unspecific immunoassays in patients with insulinoma evaluated by the arterial stimulation and venous sampling test. <i>European Journal of Endocrinology</i> , <b>2004</b> , 151, 123-6	6.5	11
48	Growth hormone secreting pituitary microadenomas and empty sella - An under-recognized association?. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 126, 18-23	2	10
47	Impact of Growth Hormone on Cystatin C. <i>Nephron Extra</i> , <b>2013</b> , 3, 118-124		10
46	Inhibition of insulin degradation by insulin-like growth factors I and II in human hepatoma (HepG2) cells. <i>European Journal of Endocrinology</i> , <b>1989</b> , 121, 279-85	6.5	10
45	Pancreatic cancer in cystic fibrosis after bilateral lung transplantation. <i>Pancreas</i> , <b>2006</b> , 33, 430-2	2.6	9

44	Mini-Mental State Examination is superior to plasma glucose concentrations in monitoring patients with suspected hypoglycaemic disorders during the 72-hour fast. <i>European Journal of Endocrinology</i> , <b>2005</b> , 152, 605-10	6.5	9
43	Visualization of Parathyroid Hyperplasia Using 18F-Fluorocholine PET/MR in a Patient With Secondary Hyperparathyroidism. <i>Clinical Nuclear Medicine</i> , <b>2016</b> , 41, e159-61	1.7	9
42	HbA1c: An effective screening tool for cystic fibrosis related diabetes?. <i>Journal of Cystic Fibrosis</i> , <b>2016</b> , 15, 261-2	4.1	8
41	Abnormalities of proinsulin processing in functioning insulinomas: clinical implications. <i>Clinical Endocrinology</i> , <b>2004</b> , 61, 424-30	3.4	8
40	Lung function, sociodemographic characteristics, and psychological reaction to transplant associated with chronic stress among lung recipients. <i>Anxiety, Stress and Coping</i> , <b>2010</b> , 23, 213-33	3.1	7
39	Portal vein thrombus and liver failure in a patient with pheochromocytoma crisis. <i>American Journal of Emergency Medicine</i> , <b>2009</b> , 27, 630.e3-5	2.9	7
38	Ascorbic acid decreases neutral endopeptidase activity in cultured osteoblastic cells. <i>Regulatory Peptides</i> , <b>2005</b> , 130, 57-66		7
37	Effect of Growth hormone replacement therapy on soluble Klotho in patients with Growth hormone deficiency. <i>Clinical Endocrinology</i> , <b>2015</b> , 83, 593-5	3.4	6
36	Sensitivity and Specificity of Dual-Isotope 99mTc-Tetrofosmin and 123I Sodium Iodide Single Photon Emission Computed Tomography (SPECT) in Hyperparathyroidism. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129194	2.7	6
35	Gender dependence of serum soluble Klotho in acromegaly. <i>Clinical Endocrinology</i> , <b>2014</b> , 80, 869-73	3.4	6
34	18F-Choline-PET in parathyroid carcinoma. <i>Oral Oncology</i> , <b>2018</b> , 86, 314-315	4.4	6
33	Islets secretory capacity determines glucose homeostasis in the face of insulin resistance. <i>Swiss Medical Weekly</i> , <b>2004</b> , 134, 559-64	3.1	6
32	Early Timing of Thyroidectomy for Hyperthyroidism in Graves Disease Improves Biochemical Recovery. <i>World Journal of Surgery</i> , <b>2017</b> , 41, 2545-2550	3.3	5
31	A patient with a history of breast cancer and multiple bone lesions: a case report. <i>Journal of Medical Case Reports</i> , <b>2017</b> , 11, 127	1.2	5
30	Gitelman syndrome with persistent hypokalemia - don't forget licorice, alcohol, lemon juice, iced tea and salt depletion: a case report. <i>Journal of Medical Case Reports</i> , <b>2011</b> , 5, 312	1.2	5
29	Dexamethasone and cyclic AMP regulate sodium phosphate cotransporter (NaPi-IIb and Pit-1) mRNA and phosphate uptake in rat alveolar type II epithelial cells. <i>Lung</i> , <b>2010</b> , 188, 51-61	2.9	5
28	Expression of sodium-dependent phosphate (NaPi) transport in <i>Xenopus laevis</i> oocytes induced by mRNA from 1 alpha, 25-dihydroxyvitamin D3-treated rat osteoblast-like cells. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1995</b> , 430, 64-7	4.6	5
27	Prevention of tumour cell apoptosis associated with sustained protein kinase B phosphorylation is more sensitive to regulation by insulin signalling than stimulation of proliferation and extracellular signal-regulated kinase. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 432, 41-54	4.2	4

26	Are biochemical markers of neuroendocrine tumors coreleased with insulin following local calcium stimulation in patients with insulinomas?. <i>Pancreas</i> , <b>2011</b> , 40, 995-9	2.6	4
25	Decrease in sE-selectin after pituitary surgery in patients with acromegaly. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 650-2	5.5	4
24	Paraneoplastic hyperthyroidism. <i>BMJ Case Reports</i> , <b>2011</b> , 2011,	0.9	4
23	Effects of age, sex, and estrogen on serum phosphorus: role for growth hormone and klotho?. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 157-8	7.4	3
22	Addition of inhaled fluticasone propionate to systemic immunosuppression after lung transplantation: Cushing's syndrome in patients on itraconazole comedication. <i>Transplantation</i> , <b>2003</b> , 76, 263-4	1.8	3
21	Micturition Syncope due to paraprostatic pheochromocytoma. <i>Urologia Internationalis</i> , <b>2005</b> , 74, 276-7	1.9	3
20	Expression of somatostatin receptors, angiogenesis and proliferation markers in pituitary adenomas: an immunohistochemical study with diagnostic and therapeutic implications. <i>Swiss Medical Weekly</i> , <b>2013</b> , 143, w13895	3.1	3
19	F-NaF-PET/CT in patients with primary hyperparathyroidism and brown tumors. <i>Journal of Bone and Mineral Metabolism</i> , <b>2020</b> , 38, 299-309	2.9	3
18	Cystatin C in adipose tissue and stimulation of its production by growth hormone and triiodothyronine in 3T3-L1 cells. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 482, 28-36	4.4	3
17	Insulin-like Growth Factor I: Physiology, Metabolic Effects and Clinical Uses <b>1996</b> , 12, 195		3
16	Evaluation of bone disease in patients with cystic fibrosis and end-stage lung disease. <i>Jornal Brasileiro De Pneumologia</i> , <b>2019</b> , 45, e20170280	1.1	2
15	Ruptured Rathke cleft cyst mimicking pituitary apoplexy. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , <b>2013</b> , 74 Suppl 1, e229-32	1.1	2
14	Hypophosphataemia-inducing mesenchymal tumour in the foot. <i>BMJ Case Reports</i> , <b>2010</b> , 2010,	0.9	2
13	The influences of hyperprolactinaemia and obesity on cardiovascular risk markers: effects of cabergoline therapy. <i>Clinical Endocrinology</i> , <b>2006</b> , 65, 827-8	3.4	2
12	Acromegaly in a hemophilic patient infected with the hepatitis C and human immunodeficiency viruses. <i>American Journal of Medicine</i> , <b>2000</b> , 108, 757-8	2.4	2
11	Assessing the surgical outcome of the "chopsticks" technique in endoscopic transsphenoidal adenoma surgery. <i>Neurosurgical Focus</i> , <b>2020</b> , 48, E15	4.2	2
10	Intraoperative unfolding and postoperative pruning of the pituitary gland after transsphenoidal surgery for pituitary adenoma: A volumetric and endocrinological evaluation. <i>Endocrine</i> , <b>2019</b> , 63, 231-239	4	2
9	Gastrografin Induced hyperthyroidism in patients with cystic fibrosis following lung transplantation: A case series. <i>Journal of Cystic Fibrosis</i> , <b>2019</b> , 18, e60-e61	4.1	1



8	Insulin secretion abnormalities in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2016</b> , 15, e52-3	4.1	1
7	Distinct mechanisms of hypoglycaemia in patients with somatostatin-secreting neuroendocrine tumours. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2019</b> , 2, e00083	2.7	1
6	Soluble delta-like 1 homolog decreases in patients with acromegaly following pituitary surgery: A potential mediator of adipogenesis suppression by growth hormone?. <i>Growth Hormone and IGF Research</i> , <b>2019</b> , 45, 20-24	2	1
5	Response to "Going beyond scoring systems for cavernous sinus involvement in trans-sphenoidal pituitary surgery". <i>Acta Neurochirurgica</i> , <b>2019</b> , 161, 1035-1036	3	
4	Dopamine agonist-responsive Cushing's disease. <i>BMJ Case Reports</i> , <b>2019</b> , 12,	0.9	
3	An unusual cure for acromegaly. <i>BMJ Case Reports</i> , <b>2012</b> , 2012,	0.9	
2	Vanishing polyuria and respiratory failure. <i>BMJ Case Reports</i> , <b>2010</b> , 2010,	0.9	
1	Effective Ex Vivo-Generation and Quantification of Leukemia-Derived DC Has To Precede a Specific T-Cell Stimulation for Adoptive Immunotherapy in AML and MDS.. <i>Blood</i> , <b>2005</b> , 106, 5241-5241	2.2	