

# Christoph Schmid

## List of Publications by Year in descending order

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116  
papers

3,889  
citations

126907

33  
h-index

138484

58  
g-index

123  
all docs

123  
docs citations

123  
times ranked

4151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin-like growth factors I and II in healthy man.. European Journal of Endocrinology, 1989, 121, 753-758.	3.7	443
2	Impact of thyroid dysfunction on serum cystatin C. Kidney International, 2003, 63, 1944-1947.	5.2	298
3	Serum cystatin C is sensitive to small changes in thyroid function. Clinica Chimica Acta, 2003, 338, 87-90.	1.1	139
4	Pituitary apoplexy: re-evaluation of risk factors for bleeding into pituitary adenomas and impact on outcome. European Journal of Endocrinology, 2011, 164, 37-43.	3.7	129
5	Release of insulin-like growth factor carrier proteins by osteoblasts: Stimulation by estradiol and growth hormone. Biochemical and Biophysical Research Communications, 1989, 160, 788-794.	2.1	118
6	Insulin-Like Growth Factor I Regulates Type I Procollagen Messenger Ribonucleic Acid Steady State Levels in Bone of Rats*. Endocrinology, 1989, 125, 1575-1579.	2.8	105
7	Martorell Hypertensive Ischemic Leg Ulcer. Archives of Dermatology, 2010, 146, 961-8.	1.4	101
8	Osteoporosis Before Lung Transplantation: Association with Low Body Mass Index, but Not with Underlying Disease. American Journal of Transplantation, 2002, 2, 167-172.	4.7	100
9	Selective Arterial Calcium Stimulation and Hepatic Venous Sampling in the Evaluation of Hyperinsulinemic Hypoglycemia: Potential and Limitations. Journal of Vascular and Interventional Radiology, 2004, 15, 1251-1256.	0.5	81
10	Pancreatic Endocrine Tumors are a Rare Manifestation of the Neurofibromatosis Type 1 Phenotype. American Journal of Surgical Pathology, 2006, 30, 1047-1051.	3.7	79
11	Effect of transsphenoidal surgery on sleep apnoea in acromegaly. European Journal of Endocrinology, 2007, 156, 321-329.	3.7	78
12	True Survival Benefit of Lung Transplantation for Cystic Fibrosis Patients: The Zurich Experience. Journal of Heart and Lung Transplantation, 2009, 28, 334-339.	0.6	69
13	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 Adults1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 81-87.	3.6	62
14	Acute Psychological Stress Affects Glucose Concentrations in Patients With Type 1 Diabetes Following Food Intake but not in the Fasting State. Diabetes Care, 2005, 28, 1910-1915.	8.6	62
15	Soluble Klotho and Autosomal Dominant Polycystic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 248-257.	4.5	62
16	Insulin-like Growth Factor I: Physiology, Metabolic Effects and Clinical Uses. , 1996, 12, 195-215.		59
17	Assessment of selective arterial calcium stimulation and hepatic venous sampling to localize insulin-secreting tumours. Clinical Endocrinology, 2001, 55, 357-362.	2.4	57
18	Pituitary surgery and volumetric assessment of extent of resection: a paradigm shift in the use of intraoperative magnetic resonance imaging. Neurosurgical Focus, 2016, 40, E17.	2.3	55

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19	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> , 1992, 126, 467-473.	3.7	50
20	Intraoperative magnetic resonance imaging-guided transsphenoidal surgery for giant pituitary adenomas. <i>Neurosurgical Review</i> , 2010, 33, 83-90.	2.4	48
21	Effects of long-term continuous positive airway pressure on body composition and IGF1. <i>European Journal of Endocrinology</i> , 2010, 162, 695-704.	3.7	48
22	Effect of Thyroxine Replacement on Creatinine, Insulin-Like Growth Factor 1, Acid-Labile Subunit, and Vascular Endothelial Growth Factor. <i>Clinical Chemistry</i> , 2004, 50, 228-231.	3.2	47
23	Intraoperative magnetic resonance imaging-assisted transsphenoidal pituitary surgery in patients with acromegaly. <i>Neurosurgical Focus</i> , 2010, 29, E9.	2.3	46
24	Soluble $\beta$ -Klotho: a novel serum biomarker for the activity of GH-producing pituitary adenomas. <i>European Journal of Endocrinology</i> , 2013, 168, 575-583.	3.7	46
25	Effect of vitamin D3 on self-perceived fatigue. <i>Medicine (United States)</i> , 2016, 95, e5353.	1.0	46
26	Increased prevalence of high Body Mass Index in patients presenting with pituitary tumours: severe obesity in patients with macroprolactinoma. <i>Swiss Medical Weekly</i> , 2006, 136, 254-8.	1.6	46
27	Insulin-like growth factor I alters peripheral thyroid hormone metabolism in humans: comparison with growth hormone. <i>European Journal of Endocrinology</i> , 1996, 134, 563-567.	3.7	45
28	Evidence for a direct effect of estrogen on bone cells in vitro. <i>The Journal of Steroid Biochemistry</i> , 1989, 34, 279-284.	1.1	44
29	CENTRAL SEROUS CHORIORETINOPATHY ASSOCIATED WITH A CARCINOMA OF THE ADRENAL CORTEX. <i>Retina</i> , 2000, 20, 98-99.	1.7	44
30	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> , 2002, 146, 97-105.	3.7	42
31	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> , 1989, 33, 907-914.	1.1	41
32	Therapeutic potential of insulinlike growth factor i. <i>Trends in Endocrinology and Metabolism</i> , 1990, 1, 254-260.	7.1	40
33	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> , 2007, 53, 1484-1488.	3.2	39
34	Diabetes mellitus and survival in cystic fibrosis patients after lung transplantation. <i>Journal of Cystic Fibrosis</i> , 2012, 11, 131-136.	0.7	39
35	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> , 2009, 14, 667-680.	3.5	38
36	Predicting extent of resection in transsphenoidal surgery for pituitary adenoma. <i>Acta Neurochirurgica</i> , 2018, 160, 2255-2262.	1.7	35

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37	Preoperative localization of adult nesidioblastosis using 68Ga-DOTA-exendin-4-PET/CT. <i>Endocrine</i> , 2015, 50, 821-823.	2.3	34
38	Prognostic factors for impaired plasma sodium homeostasis after transsphenoidal surgery. <i>British Journal of Neurosurgery</i> , 2013, 27, 63-68.	0.8	33
39	[18F]Fluorocholine Uptake of Parathyroid Adenoma Is Correlated with Parathyroid Hormone Level. <i>Molecular Imaging and Biology</i> , 2018, 20, 857-867.	2.6	33
40	Growth hormone and Klotho. <i>Journal of Endocrinology</i> , 2013, 219, R37-R57.	2.6	32
41	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> , 2006, 85, 900-905.	2.8	31
42	Pretransplantation Bone Disease in Patients With Primary Pulmonary Hypertension. <i>Chest</i> , 2006, 129, 1002-1008.	0.8	30
43	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> , 2013, 79, 99-109.	1.3	30
44	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> , 2000, 168, 41-51.	3.2	29
45	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> , 2001, 271, 368-377.	2.6	29
46	Severe hypophosphataemia after intravenous iron administration. <i>BMJ Case Reports</i> , 2017, 2017, bcr2016219160.	0.5	29
47	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> , 1992, 7, 1157-1163.	2.8	27
48	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> , 1999, 263, 786-789.	2.1	26
49	A Novel Succinate Dehydrogenase Subunit B Gene Mutation, H132P, Causes Familial Malignant Sympathetic Extraadrenal Paragangliomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 362-367.	3.6	25
50	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> , 2006, 65, 706-711.	2.4	23
51	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> , 1998, 245, 220-225.	2.1	22
52	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> , 1993, 334, 23-26.	2.8	20
53	Effect of pituitary surgery in patients with acromegaly on adiponectin serum concentrations and alanine aminotransferase activity. <i>Clinica Chimica Acta</i> , 2005, 352, 175-181.	1.1	20
54	Itraconazole Comedication Increases Systemic Levels of Inhaled Fluticasone in Lung Transplant Recipients. <i>Respiration</i> , 2007, 74, 418-422.	2.6	19

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55	Growth hormone secreting pituitary microadenomas and empty sella "An under-recognized association?". <i>Clinical Neurology and Neurosurgery</i> , 2014, 126, 18-23.	1.4	18
56	Bone Mineral Density and Secondary Hyperparathyroidism in Pulmonary Hypertension. <i>Open Respiratory Medicine Journal</i> , 2009, 3, 53-60.	0.4	18
57	Triiodothyronine stimulates cystatin C production in bone cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 425-430.	2.1	17
58	Medullary thyroid carcinoma in Graves' disease. <i>Clinical Endocrinology</i> , 1999, 50, 545-546.	2.4	16
59	Maintenance of Glucose Control in Patients With Type 1 Diabetes During Acute Mental Stress by Riding High-Speed Rollercoasters. <i>Diabetes Care</i> , 2007, 30, 1599-1601.	8.6	16
60	Prostaglandin E2 Stimulates Sodium-Dependent Phosphate Transport in Osteoblastic Cells via a Protein Kinase C-Mediated Pathway. <i>Endocrinology</i> , 1998, 139, 89-94.	2.8	15
61	Assessment of hyperinsulinaemia at the termination of the prolonged fast. <i>Clinica Chimica Acta</i> , 2004, 342, 227-231.	1.1	15
62	Two Forms of Cytochrome P-450 <sub>11<math>\beta</math></sub> in Rat Zona Glomerulosa Cells: A Short Review. <i>Endocrine Research</i> , 1991, 17, 165-184.	1.2	14
63	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> , 2005, 152, 605-610.	3.7	14
64	Laparoscopic Surgery for Benign Lesions of the Pancreas. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2006, 16, 452-457.	1.0	14
65	Impact of intraoperative MRI-guided transsphenoidal surgery on endocrine function and hormone substitution therapy in patients with pituitary adenoma. <i>Swiss Medical Weekly</i> , 2012, 142, w13699.	1.6	14
66	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> , 2004, 151, 123-126.	3.7	13
67	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> , 2005, 15, 300-303.	1.1	13
68	Lung function, sociodemographic characteristics, and psychological reaction to transplant associated with chronic stress among lung recipients. <i>Anxiety, Stress and Coping</i> , 2010, 23, 213-223.	2.9	13
69	HbA1c: An effective screening tool for cystic fibrosis-related diabetes?. <i>Journal of Cystic Fibrosis</i> , 2016, 15, 261-262.	0.7	13
70	18F-Choline-PET in parathyroid carcinoma. <i>Oral Oncology</i> , 2018, 86, 314-315.	1.5	13
71	Inhibition of insulin degradation by insulin-like growth factors I and II in human hepatoma (HepG2) cells. <i>European Journal of Endocrinology</i> , 1989, 121, 279-285.	3.7	12
72	Pancreatic Cancer in Cystic Fibrosis After Bilateral Lung Transplantation. <i>Pancreas</i> , 2006, 33, 430-432.	1.1	12

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73	The changing sella: internal carotid artery shift during transsphenoidal pituitary surgery. <i>Pituitary</i> , 2017, 20, 654-660.	2.9	12
74	Abnormalities of proinsulin processing in functioning insulinomas: clinical implications. <i>Clinical Endocrinology</i> , 2004, 61, 424-430.	2.4	11
75	Triiodothyronine stimulates glucose transport in bone cells. <i>Endocrine</i> , 2012, 41, 501-511.	2.3	11
76	Impact of Growth Hormone on Cystatin C. <i>Nephron Extra</i> , 2013, 3, 118-124.	1.1	11
77	Visualization of Parathyroid Hyperplasia Using 18F-Fluorocholine PET/MR in a Patient With Secondary Hyperparathyroidism. <i>Clinical Nuclear Medicine</i> , 2016, 41, e159-e161.	1.3	11
78	Portal vein thrombus and liver failure in a patient with pheochromocytoma crisis. <i>American Journal of Emergency Medicine</i> , 2009, 27, 630.e3-630.e5.	1.6	10
79	Early Timing of Thyroidectomy for Hyperthyroidism in Gravesâ€™ Disease Improves Biochemical Recovery. <i>World Journal of Surgery</i> , 2017, 41, 2545-2550.	1.6	10
80	A patient with a history of breast cancer and multiple bone lesions: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 127.	0.8	9
81	Evaluation of bone disease in patients with cystic fibrosis and end-stage lung disease. <i>Jornal Brasileiro De Pneumologia</i> , 2019, 45, e20170280.	0.7	9
82	Prostaglandin E2 Stimulates Sodium-Dependent Phosphate Transport in Osteoblastic Cells via a Protein Kinase C-Mediated Pathway. <i>Endocrinology</i> , 1998, 139, 89-94.	2.8	9
83	Expression of sodium-dependent phosphate (NadPi) transport in <i>Xenopus laevis</i> oocytes induced by mRNA from 1,25-dihydroxyvitamin D3-treated rat osteoblast-like cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1995, 430, 64-67.	2.8	8
84	Ascorbic acid decreases neutral endopeptidase activity in cultured osteoblastic cells. <i>Regulatory Peptides</i> , 2005, 130, 57-66.	1.9	8
85	Citelson's 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> , 2011, 5, 312.	0.8	8
86	Gender dependence of serum soluble <math>K</math> in acromegaly. <i>Clinical Endocrinology</i> , 2014, 80, 869-873.	2.4	8
87	Sensitivity and Specificity of Dual-Isotope 99mTc-Tetrofosmin and 123I Sodium Iodide Single Photon Emission Computed Tomography (SPECT) in Hyperparathyroidism. <i>PLoS ONE</i> , 2015, 10, e0129194.	2.5	8
88	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> , 2010, 188, 51-61.	3.3	7
89	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> , 2019, 482, 28-36.	3.2	7
90	18F-NaF-PET/CT in patients with primary hyperparathyroidism and brown tumors. <i>Journal of Bone and Mineral Metabolism</i> , 2020, 38, 299-309.	2.7	7

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91	Effects of Age, Sex, and Estrogen on Serum Phosphorus: Role for Growth Hormone and Klotho?. American Journal of Kidney Diseases, 2014, 64, 157-158.	1.9	6
92	Effect of Growth hormone replacement therapy on soluble Klotho in patients with Growth hormone deficiency. Clinical Endocrinology, 2015, 83, 593-595.	2.4	6
93	Islets secretory capacity determines glucose homoeostasis in the face of insulin resistance. Swiss Medical Weekly, 2004, 134, 559-64.	1.6	6
94	Are Biochemical Markers of Neuroendocrine Tumors Coreleased With Insulin Following Local Calcium Stimulation in Patients With Insulinomas?. Pancreas, 2011, 40, 995-999.	1.1	5
95	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. Molecular and Cellular Biochemistry, 2017, 432, 41-54.	3.1	5
96	Expression of somatostatin receptors, angiogenesis and proliferation markers in pituitary adenomas: an immunohistochemical study with diagnostic and therapeutic implications. Swiss Medical Weekly, 2013, 143, w13895.	1.6	5
97	Assessing the surgical outcome of the "chopsticks" technique in endoscopic transsphenoidal adenoma surgery. Neurosurgical Focus, 2020, 48, E15.	2.3	5
98	Acromegaly in a hemophilic patient infected with the hepatitis C and human immunodeficiency viruses. American Journal of Medicine, 2000, 108, 757-758.	1.5	4
99	Decrease in sE-Selectin after Pituitary Surgery in Patients with Acromegaly. Clinical Chemistry, 2004, 50, 650-652.	3.2	4
100	Micturition Syncope due to Paraprostatic Pheochromocytoma. Urologia Internationalis, 2005, 74, 276-277.	1.3	4
101	Intraoperative unfolding and postoperative pruning of the pituitary gland after transsphenoidal surgery for pituitary adenoma: A volumetric and endocrinological evaluation. Endocrine, 2019, 63, 231-239.	2.3	4
102	Paraneoplastic hyperthyroidism. BMJ Case Reports, 2011, 2011, bcr0420114163-bcr0420114163.	0.5	4
103	ADDITION OF INHALED FLUTICASONE PROPIONATE TO SYSTEMIC IMMUNOSUPPRESSION AFTER LUNG TRANSPLANTATION. Transplantation, 2003, 76, 263-264.	1.0	3
104	Hypophosphataemia-inducing mesenchymal tumour in the foot. BMJ Case Reports, 2010, 2010, bcr0620092034-bcr0620092034.	0.5	3
105	Ruptured Rathke Cleft Cyst Mimicking Pituitary Apoplexy. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, e229-e232.	0.8	3
106	Gastrografin-induced hyperthyroidism in patients with cystic fibrosis following lung transplantation: A case series. Journal of Cystic Fibrosis, 2019, 18, e60-e61.	0.7	3
107	Insulin-like Growth Factor I: Physiology, Metabolic Effects and Clinical Uses. Diabetes/metabolism Reviews, 1996, 12, 195-215.	0.3	3
108	The influences of hyperprolactinaemia and obesity on cardiovascular risk markers: effects of cabergoline therapy. Clinical Endocrinology, 2006, 65, 827-828.	2.4	2

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109	Insulin secretion abnormalities in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2016, 15, e52-e53.	0.7	2
110	Distinct mechanisms of hypoglycaemia in patients with somatostatin-secreting neuroendocrine tumours. <i>Endocrinology, Diabetes and Metabolism</i> , 2019, 2, e00083.	2.4	2
111	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> , 2019, 45, 20-24.	1.1	1
112	Vanishing polyuria and respiratory failure. <i>BMJ Case Reports</i> , 2010, 2010, bcr1020092416-bcr1020092416.	0.5	0
113	An unusual cure for acromegaly. <i>BMJ Case Reports</i> , 2012, 2012, bcr0220125833-bcr0220125833.	0.5	0
114	Response to "Going beyond scoring systems for cavernous sinus involvement in trans-sphenoidal pituitary surgery". <i>Acta Neurochirurgica</i> , 2019, 161, 1035-1036.	1.7	0
115	Dopamine agonist-responsive Cushing's disease. <i>BMJ Case Reports</i> , 2019, 12, bcr-2018-228045.	0.5	0
116	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> , 2005, 106, 5241-5241.	1.4	0