



Wissenschaftliche Publikationen 2025

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Publikationen 2025

An HOCH Health Ost Schweiz wird klinische Forschung und translationale Grundlagenforschung auf hohem Niveau betrieben. Die Ergebnisse der Studien und Forschungsprojekte werden an wissenschaftlichen Kongressen präsentiert und in wissenschaftlichen Journalen publiziert. Um die Öffentlichkeit und die Fachwelt über die Forschungsaktivitäten an HOCH zu informieren, werden die Publikationen in der Forschungsdatenbank systematisch erfasst und ausgewertet (forschung.h-och.ch).

Im Jahr 2025 wurden 531 Publikationen mit Beteiligung von Forschenden von HOCH veröffentlicht. Von diesen Arbeiten wurden 480 in Journalen mit Einflussfaktor (auch Impact Factor genannt) publiziert (Abb. 1). Der Einflussfaktor einer Fachzeitschrift gibt an, wie oft ein Artikel aus dieser Zeitschrift innerhalb von zwei Jahren in anderen Artikeln zitiert wird. Für die Berechnung des mittleren Einflussfaktors der Publikationen von HOCH 2025, wurden Daten des Journal Citation Reports (Clarivate Analytics) aus dem Jahr 2024 verwendet.

Die Analyse des mittleren Einflussfaktors pro Publikation ergab 7.6. In Abb. 2 sind die Daten der Jahre 2023-2025 gezeigt.

Abbildung 3. zeigt die Anzahl an Publikationen im Jahr 2025 nach Bereich. Es sind nur die 10 Bereiche mit den meisten Publikationen abgebildet. Detaillierte Auswertungen können beim Medizinischen Forschungszentrum (MFZ) angefordert werden.

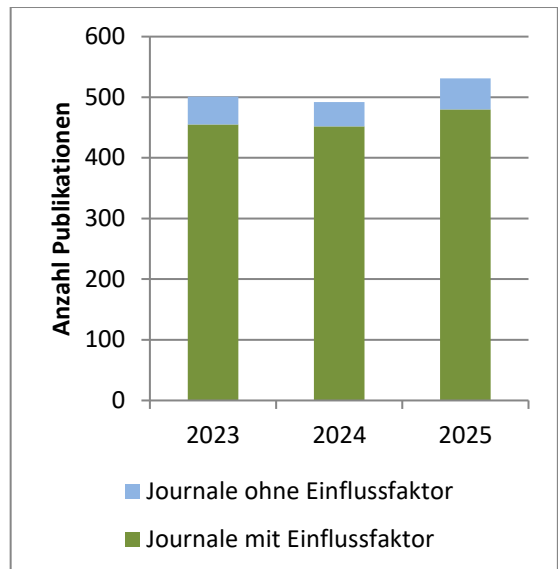


Abb.1. Anzahl der Publikationen in Journalen mit oder ohne Einflussfaktor in den Jahren 2023 – 2025

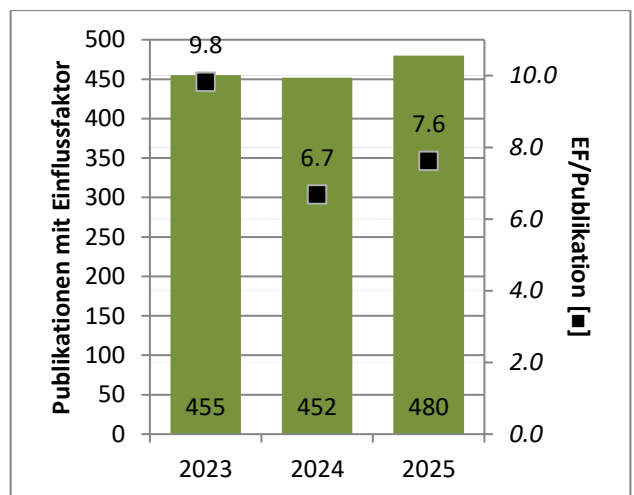


Abb.2. Mittlere Qualität der Publikationen gemessen als durchschnittlicher Einflussfaktor (EF) pro Veröffentlichung

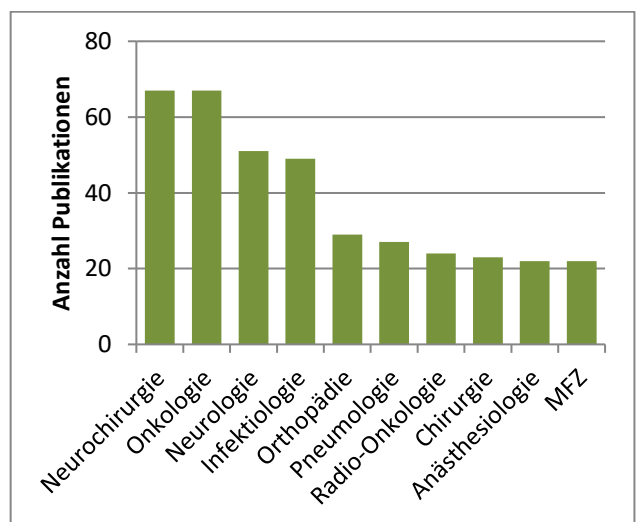


Abb.3. Anzahl der Publikationen pro Bereich (Top 10)

Ärztliche Direktion

MFZ - Clinical Trials Unit

Wissenschaftlicher Artikel/Review

1. Bürke N, Jansen L, West E, Wurster J, Broser P. Association Between Head Circumference Growth and Peripheral Nerve Cross-Sectional Area Growth in Infants: A Potential Future Biomarker for Central and Peripheral Nerve Maturation. *Neuropediatrics* 2025
2. Eilers M, Fellmann M, l'Allemand-Jander D, Wurster J, Meier S, Lütschg J, Gruener M, West E, Muhitira U, Oberhauser S, Heldt K, Broser P. Ultrasound-measured enlargement of the cross-sectional area of the median nerve as a marker for early neuronal lesions in pediatric type 1 diabetes. *Sci Rep* 2025; 16:2471.
3. Griessbach A, Chiaborelli M, Ehrlich K, Grossmann R, De Medina Redondo M, Fayet A, Maier R, Trelle S, Gayet-Ageron A, Ceschi A, Speich B, Briel M, MAKing Randomized Trials Affordable (MARTA) Group. Clinical trial budgeting approaches in Switzerland-a meta-research study. *Trials* 2025; 26:158.
4. Hiller P, Schmalfluss M, Diedrichsen L, Dietrich T, Wildermuth S, Wälti S, Falkowski A, Graf N, Fischer T. Age-dependent prevalence of the Notch of Harty (pseudolesion of the tibial plafond) in children, adolescents, and young adults. *Insights Imaging* 2025; 16:248.
5. Jörger M, Diem S, Wyss N, Koster K, Besse L, Hess D, Metaxas Y, Flynn M, Aeppli S, Abou M, Philip El Saadan T, Mane S, Hiendlmeyer E, von Moos R, Flatz L. Open-label nonrandomized phase IB study to characterize the safety and recommended dose of tinostamustine in combination with nivolumab in patients with advanced melanoma (ENigMA). *Melanoma Res* 2025; 35:252-258.
6. Macha M, Kohler P, Bösch A, Urassa H, Qi W, Seiffert S, Haller S, West E, Rohacek M, Babouee Flury B. High rate of multi-drug resistant *Escherichia coli* isolated from patients with urinary tract infections in Ifakara-Tanzania: implications for empirical antibiotic treatment guidelines and stewardship programs. *Antimicrob Resist Infect Control* 2025; 14:41.
7. Macha M, Qi W, Seiffert S, Bösch A, Kohler P, Urassa H, Haller S, West E, Rohacek M, Babouee Flury B. High prevalence of fecal carriage of extended-spectrum beta-lactamase producing among patients with urinary tract infections in rural Tanzania. *Front Microbiol* 2025; 15:1517182.
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MFZ - Institut für Immunbiologie

Wissenschaftlicher Artikel/Review

1. Geng A, Brenig R, Roux J, Lütge M, Cheng H, Flint E, Lussier P, Meier M, Pop O, Künzler-Heule P, Matter M, Wendon J, McPhail M, Soysal S, Semela D, Heim M, Weston C, Ludewig B, Bernsmeier C. Circulating monocytes upregulate CD52 and sustain innate immune function in cirrhosis unless acute decompensation emerges. *J Hepatol* 2025
2. Gorica E, Spezzini J, Papadopoulou I, Telesca M, Masciovecchio V, Moahmmed S, Mengozzi A, Cheng H, Atzemian N, Di Venanzio L, Mongelli A, Dzemali O, Calderone V, Paneni F, Matter C, Ludewig B, Ruschitzka F, Costantino S. Single nuclei RNA-sequencing unveils alveolar macrophages as drivers of endothelial damage in obese HFpEF-related pulmonary hypertension. *Cardiovasc Diabetol* 2025; 24:268.
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4. Kurz L, Lütge M, De Martin A, Cheng H, Bugar E, Stanossek Y, Meili S, Brandstadter J, Maillard I, Onder L, Ludewig B. A common progenitor gives rise to fibroblastic reticular cells and vascular smooth muscle cells in murine lymph nodes. *J Exp Med* 2025; 223
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6. Maurice De Sousa D, Perkey E, Le Corre L, Boulet S, Gómez Atria D, Allman A, Duval F, Daudelin J, Brandstadter J, Lederer K, Mezrag S, Odagiu L, Ennajimi M, Sarrias M, Decaluwe H, Koch U, Radtke F, Ludewig B, Siebel C, Maillard I, Labrecque N. Early Notch signals from fibroblastic reticular cells program effector CD8+ T cell differentiation. *J Exp Med* 2025; 222
7. Mendez Lopez M, Besse A, Zuppinger C, Pérez Shibayama C, Gil Cruz C, Florea B, De Martin A, Lütge M, Beckerova D, Klimovic S, Zhou X, Rasche L, Pribyl J, Rotrekl V, Ludewig B, Overkleeft H, Besse L, Driessen C. Carfilzomib-specific proteasome $\beta 5/\beta 2$ inhibition drives cardiotoxicity via remodeling of protein homeostasis and the renin-angiotensin-system. *iScience* 2025; 28:113228.
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12. Reitmajer M, Nanz L, Müller N, Leiter U, Amaral T, Aebischer V, Flatz L, Forschner A. Comparative real-world outcomes of stage III melanoma patients treated with talimogene laherparepvec or interleukin 2. *Ther Adv Med Oncol* 2025; 17:17588359251324035.
13. Reitmajer M, Schäffeler N, Bach A, Nanz L, Amaral T, Leiter U, Flatz L, Forschner A. Psychosocial distress and persistent adverse events in long-term survivors of stage IV melanoma - a cross-sectional questionnaire study. *J Dtsch Dermatol Ges* 2025; 23:832-842.
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15. Zitti B, Duval F, Wirapati P, Hicham M, Xie Y, Oh J, Hoelzl J, Meiser P, Varrone M, Peterson H, Cianciaruso C, Bill R, Bayerl F, Bolli E, Goubet A, Kiss M, McDowell S, Cheng P, Celestini D, Terzic J, Zwahlen T, Alouche N, Zougari N, Tarussio D, Tissot S, Nunes-Hasler P, Mino-Kenudson M, Lanuti M, Faquin W, Sadow P, Tille J, Intidhar Labidi-Galy S, Garris C, Hugues S, Petrova T, Ludewig B, Quezada S, Luther S, Mempel T, Ciriello G, Pai S, Michielin O, Böttcher J, Weissleder R, Pittet M. Positioning and reversible suppression of CCR7 dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity* 2025; 59:161-176.e12.

Dept. I

Allgemeine Innere Medizin | Hausarztmedizin und Notfallmedizin

Wissenschaftlicher Artikel/Review

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8. Gantenbein P, Binet F, Laux R, Jung S,ENZLER-Tschudy A, Kuhn C. [Eye Spy: What Red Eyes Could Reveal About Your Kidneys]. *Praxis (Bern 1994)* 2025; 114:164-167.
9. Hejrati N, Stengel F, Fehlings M, Maschmann C, Stienen M, Jensen K, Swiss Trauma Registry. Spinal cord injury in severely injured patients: results from the Swiss Trauma Registry. *Scand J Trauma Resusc Emerg Med* 2025; 33:103.
10. Jäger L, Muheim L, Häuptle C, Brändle M, Seeger H, Rosemann T. [Kidney care indicator set for measuring kidney care in primary care in Switzerland]. *Praxis (Bern 1994)* 2025; 114:381-387.
11. Jörger M, Diem S, Wyss N, Koster K, Besse L, Hess D, Metaxas Y, Flynn M, Aeppli S, Abou M, Philip El Saadan T, Mane S, Hiendlmeyer E, von Moos R, Flatz L. Open-label nonrandomized phase IB study to characterize the safety and recommended dose of tinostamustine in combination with nivolumab in patients with advanced melanoma (ENIgMA). *Melanoma Res* 2025; 35:252-258.
12. Koster M, Ledergerber K, Brändle M. 'Un-thirsty' hypernatremia. *Endocrinol Diabetes Metab Case Rep* 2025; 2025
13. Lee S, Son Y, Hwang J, Kim M, GBD 2021 Dietary Iron Deficiency Collaborators, Il Shin J, Yon D, Kassebaum N, Mendez Lopez M. Global, regional and national burden of dietary iron deficiency from 1990 to 2021: a Global Burden of Disease study. *Nat Med* 2025; 31:1809-1829.

14. Lugano F, Böhler A, Borovicka J, Steffen T, Brand S. [Symptomatic cholecystolithiasis after cholecystectomy]. *Praxis (Bern 1994)* 2025; 114:334-336.
15. Mendez Lopez M, Besse A, Zuppinger C, Pérez Shibayama C, Gil Cruz C, Florea B, De Martin A, Lütge M, Beckerova D, Klimovic S, Zhou X, Rasche L, Pribyl J, Rotrekl V, Ludewig B, Overkleef H, Besse L, Driessen C. Carfilzomib-specific proteasome $\beta 5/\beta 2$ inhibition drives cardiotoxicity via remodeling of protein homeostasis and the renin-angiotensin-system. *iScience* 2025; 28:113228.
16. Oesch-Régeni B, Germann N, Hafer G, Schmid D, Arn N. The Effect on Quality of Life of Therapeutic Plasmapheresis and Intravenous Immunoglobulins on a Population of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Patients with Elevated β -Adrenergic and M3-Muscarinic Receptor Antibodies-A Pilot Study. *J Clin Med* 2025; 14
17. Randegger S, Wunderle C, Johansen O, Tribolet P, Pavlicek V, Brändle M, Henzen C, Thomann R, Neyer P, Stanga Z, Müller-Stich B, Schuetz P. Low plasma pancreatic lipase as a novel predictor of nutritional target achievement and response to nutritional interventions in malnourished inpatients: Secondary analysis of a randomized clinical trial. *Clin Nutr* 2025; 47:196-203.
18. Truniger S, Borovicka J, König M, Schmid M, Frei N, Brand S. First Description of Upadacitinib as Treatment for Collagenous Colitis with a Concomitant Lymphocytic Disorder of the Upper Gastrointestinal Tract. *Case Rep Gastroenterol* 2025; 19:204-210.
19. Woelfel S, Dütschler J, Junker D, König M, Leinenkugel G, Krieger-Grübel C, Truniger S, Franke A, Koller S, Metzger-Peter K, Frei N, Genetics And Observational Subarachnoid Haemorrhage Gosh Study Investigators, Albrich W, Friedrich M, Niess J, Schneiderhan-Marra N, Dulovic A, Korte W, Bürgi J, Brand S. XBB.1.5 COVID-19 mRNA Vaccines Induce Inadequate Mucosal Immunity in Patients with Inflammatory Bowel Disease. *Vaccines (Basel)* 2025; 13

Endokrinologie | Diabetologie | Osteologie | Stoffwechselerkrankungen

Wissenschaftlicher Artikel/Review

1. Boesing M, Lüthi-Corridori G, Sarbach L, Jaun F, Olejar D, Brändle M, Leuppi J. Validation and Comparison of BAP-65, DECAF, NEWS, and a Novel Combined Score for Predicting in-Hospital Mortality in Patients with Acute Exacerbation of COPD. *Int J Chron Obstruct Pulmon Dis* 2025; 20:3423-3435.
2. Boesing M, Suchina J, Lüthi-Corridori G, Jaun F, Brändle M, Leuppi J. The Early Prediction of Patient Outcomes in Acute Heart Failure: A Retrospective Study. *J Cardiovasc Dev Dis* 2025; 12
3. Borsari S, Bilz S. [Drug-induced adrenal insufficiency]. *Praxis (Bern 1994)* 2025; 114:149-153.
4. Grob N, Koster M, Bilz S. [Diagnostic steps and management of a rare cause of hypercalcemia]. *Praxis (Bern 1994)* 2025; 114:421-424.
5. Jäger L, Muheim L, Häuptle C, Brändle M, Seeger H, Rosemann T. [Kidney care indicator set for measuring kidney care in primary care in Switzerland]. *Praxis (Bern 1994)* 2025; 114:381-387.
6. Koster M, Ledergerber K, Brändle M. 'Un-thirsty' hypernatremia. *Endocrinol Diabetes Metab Case Rep* 2025; 2025
7. Randegger S, Wunderle C, Johansen O, Tribolet P, Pavlicek V, Brändle M, Henzen C, Thomann R, Neyer P, Stanga Z, Müller-Stich B, Schuetz P. Low plasma pancreatic lipase as a novel predictor of nutritional target achievement and response to nutritional interventions in

malnourished inpatients: Secondary analysis of a randomized clinical trial. *Clin Nutr* 2025; 47:196-203.

8. Stöckli L, Koster M, Tuerkmen-Uthayanan T, Cogliatti S, Brand S. First Description of Sprue-Like Enteropathy due to Azilsartan: A Case Report. *Case Rep Gastroenterol* 2025; 19:403-411.

Gastroenterologie und Hepatologie

Wissenschaftlicher Artikel/Review

1. Alrasheed H, Kahraman O, Markert E, Kim O, Pelzer C, Boggian K, Brand S, Truniger S. First Description of Simultaneous Sweet Syndrome and Tracheal Stenosis as Extraintestinal Manifestations in a Patient With Highly Active Ulcerative Colitis. *ACG Case Rep J* 2025; 12:e01712.
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9. Manz M, Kuster S, Greutmann M, Frei R. [Antibiotic Prophylaxis in Gastrointestinal Endoscopy]. *Praxis (Bern 1994)* 2025; 114:137-143.
10. Möller K, Sawatzki M, Jenssen C, Serra C, Bakken S, Görg C, Dong Y, Dietrich C. Pitfalls in contrast enhanced ultrasound: lack of washout in malignant liver lesions. A scoping review. *Minerva Med* 2025

11. Pop A, Zimmermann R, Pekardi S, Cipriani M, Gajur A, Moser D, Markert E, Kueres-Wiese A. Infectious Proctitis Mimicking Advanced Rectal Cancer: A Case Report and Update on the Differential Diagnosis of Rectal Ulcerations. *J Clin Med* 2025; 14
12. Schreiber P, Hoessly L, Boggian K, Neofytos D, Van Delden C, Egli A, Dickenmann M, Hirzel C, Manuel O, Koller M, Rossi S, Banz V, Compagnon P, Dutkowski P, Kremer A, Berzigotti A, Vionnet J, Goossens N, Semela D, Künzler-Heule P, Bernsmeier C, Kuster S, Stampf S, Müller N, Swiss Transplant Cohort Study. Surgical Site Infections, Risk Factors, and Outcomes After Liver Transplant. *JAMA Netw Open* 2025; 8:e251333.
13. Semela D. [Metabolic syndrome and the liver: an increasing challenge for internists and hepatologists]. *Praxis (Bern 1994)* 2025; 114:16-17.
14. Stallhofer J, Reichl F, Lauseker M, Waldenmaier L, Török H, Mayerle J, Olszak T, Schnitzler F, Frasher I, Breiteneicher S, Brand S, Stallmach A, Diegelmann J, Beigel F. CCL20 expression is elevated in inflammatory bowel disease and attenuated by vitamin D metabolites. *Sci Rep* 2025; 15:20145.
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16. Truniger S, Borovicka J, König M, Schmid M, Frei N, Brand S. First Description of Upadacitinib as Treatment for Collagenous Colitis with a Concomitant Lymphocytic Disorder of the Upper Gastrointestinal Tract. *Case Rep Gastroenterol* 2025; 19:204-210.
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Dept. IV

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Dermatologie | Venerologie | Allergologie

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