



Kantonsspital
St.Gallen

Wissenschaftliche Publikationen 2021



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Kantonsspital St.Gallen – Publikationen

Am Kantonsspital St.Gallen 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 am Kantonsspital St.Gallen zu informieren, werden die Publikationen in der Forschungs- und Studiendatenbank systematisch erfasst und ausgewertet (www.forschung.kssg.ch).

Im Jahr 2021 wurden 557 Publikationen mit Beteiligung von Forschenden des Kantonsspitals St.Gallen veröffentlicht. Dies ist die höchste jemals erreichte Publikationsleistung. Von diesen Arbeiten wurden 469 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 des Kantonsspital St.Gallen 2021, wurden Daten des Journal Citation Reports (Clarivate Analytics) aus dem Jahr 2020 verwendet.

Die Analyse des mittleren Einflussfaktors pro Publikation ergab 7.1. In Abb. 2 sind die Daten der Jahre 2019-2021 gezeigt.

Die Auswertung der Publikationsdaten nach Medizinischen Departementen zeigt (Abb. 3), dass in allen Disziplinen intensiv geforscht und publiziert wird. In Abbildung 3 ist die Publikationstätigkeit der Jahre 2019 – 2021 in den einzelnen Departementen gezeigt. Detaillierte Auswertungen können beim Medizinischen Forschungszentrum (MFZ) angefordert werden. Durch interdisziplinäre Zusammenarbeiten sind die Summen der Publikationen höher als jene aus Abb. 1 und 2.

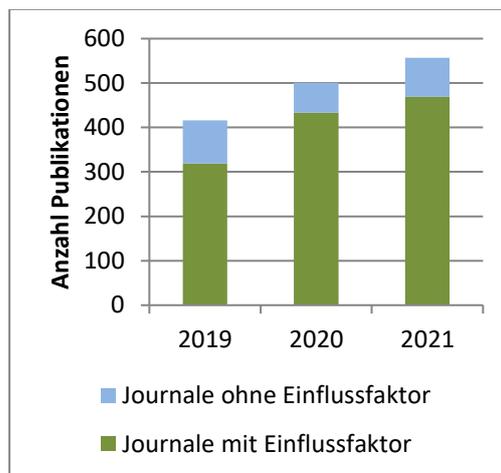


Abb.1. Anzahl der Publikationen in Journalen mit oder ohne Einflussfaktor in den Jahren 2019 – 2021

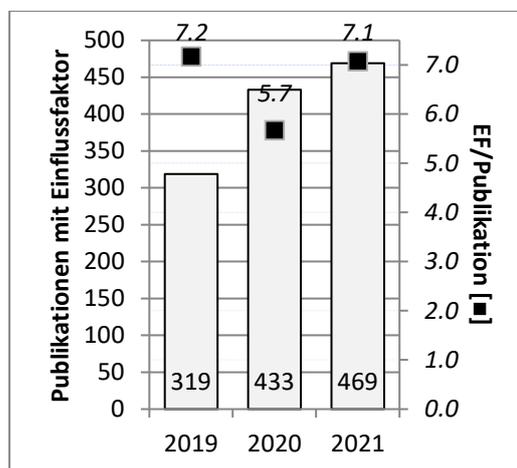


Abb.2. Mittlere Qualität der Publikationen gemessen als durchschnittlicher Einflussfaktor (EF) pro Veröffentlichung

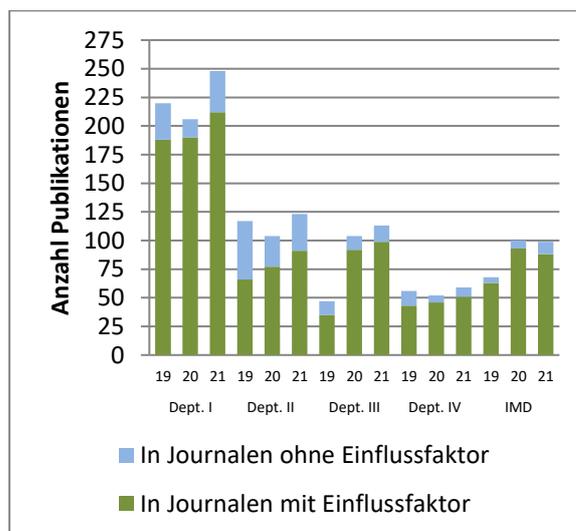


Abb. 3. Publikationsstatistik in den Departementen I-IV und IMD in den Jahren 2019 – 2021

Dept. I

Allgemeine Innere Medizin | Hausarztmedizin

Wissenschaftlicher Artikel/Review

1. Bargetzi A, Emmenegger N, Wildisen S, Nickler M, Bargetzi L, Hersberger L, Segerer S, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Admission kidney function is a strong predictor for the response to nutritional support in patients at nutritional risk. *Clin Nutr* 2021; 40:2762-2771.
2. Bargetzi L, Brack C, Herrmann J, Bargetzi A, Hersberger L, Bargetzi M, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Laviano A, Stanga Z, Mueller B, Schuetz P. Nutritional support during the hospital stay reduces mortality in patients with different types of cancers: secondary analysis of a prospective randomized trial. *Ann Oncol* 2021; 32:1025-1033.
3. Baumgartner A, Pachnis D, Parra L, Hersberger L, Bargetzi A, Bargetzi L, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. The impact of nutritional support on malnourished inpatients with aging-related vulnerability. *Nutrition* 2021; 89:111279.
4. Blum D, de Wolf-Linder S, Oberholzer R, Brändle M, Hundsberger T, Strasser F. Natural ghrelin in advanced cancer patients with cachexia, a case series. *J Cachexia Sarcopenia Muscle* 2021
5. Eichmüller T, Renström F, Schimke K, Brändle M. Representativeness of the Swiss Diabetes Registry - a single centre analysis. *Swiss Med Wkly* 2021; 151:w20525.
6. Hersberger L, Dietz A, Bürgler H, Bargetzi A, Bargetzi L, Kägi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Individualized Nutritional Support for Hospitalized Patients With Chronic Heart Failure. *J Am Coll Cardiol* 2021; 77:2307-2319.
7. Kaegi-Braun N, Tribolet P, Baumgartner A, Fehr R, Baechli V, Geiser M, Deiss M, Gomes F, Kutz A, Hoess C, Pavlicek V, Schmid S, Bilz S, Sigrist S, Brändle M, Benz C, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Value of handgrip strength to predict clinical outcomes and therapeutic response in malnourished medical inpatients: Secondary analysis of a randomized controlled trial. *Am J Clin Nutr* 2021; 114:731-740.
8. Michels L, Hörburger D, Brenner R, Walter A, Mühlethaler K, Kohler P. Radiologischer Zufallsbefund nach Südafrikareise. *Swiss Medical Forum* 2021; 2021:456-458.
9. Sumer J, Waldeck F, Fischer N, Appenzeller C, Koster M, Früh M, Albrich W. HSV-pneumonitis in a patient with lung cancer receiving check point inhibitors - a case report. *Pneumonia (Nathan)* 2021; 13:1.

Wissenschaftlicher Artikel/Review

1. Bargetzi A, Emmenegger N, Wildisen S, Nickler M, Bargetzi L, Hersberger L, Segerer S, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Admission kidney function is a strong predictor for the response to nutritional support in patients at nutritional risk. *Clin Nutr* 2021; 40:2762-2771.
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Gastroenterologie | Hepatologie

Wissenschaftlicher Artikel/Review

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15. Misselwitz B, Rickenbacher A, Brand S. [Symptoms, diagnostic and therapy of perianal disease in patients with inflammatory bowel diseases]. *Ther Umsch* 2021; 78:547-558.
16. Mullhaupt B, Semela D, Ruckstuhl L, Magenta L, Clerc O, Torgler R, Negro F, Semmo N. Real-world effectiveness and safety of glecaprevir/pibrentasvir therapy in patients with chronic hepatitis C virus infection in Switzerland. *Swiss Med Wkly* 2021; 151:w20399.
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23. Sumer J, Haller S, Sawatzki M, Kellner J, Boggian K. An unusual case of multiple hepatic and pulmonary abscesses caused by *Aggregatibacter aphrophilus* in a young man: a case report. *J Med Case Rep* 2021; 15:34.
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Infektiologie | Spitalhygiene

Wissenschaftlicher Artikel/Review

1. Adam K, Osthoff M, Lamothe F, Conen A, Erard V, Boggian K, Schreiber P, Zimmerli S, Bochud P, Neofytos D, Fleury M, Fankhauser H, Goldenberger D, Mühlethaler K, Riat A, Zbinden R, Kronenberg A, Quiblier C, Marchetti O, Khanna N, Fungal Infection Network of Switzerland (FUNGINOS). Trends of the Epidemiology of Candidemia in Switzerland: A 15-Year FUNGINOS Survey. *Open Forum Infect Dis* 2021; 8:ofab471.
2. Baerlocher S, Helfenstein S, Mahr A, Crippa S, Garcia Boy R, Kahlert C, Yurttas T, Hatz C, Kohler P. Leptospirosis Followed by Kawasaki-Like Disease: Case Report From an Adult Swiss Patient and Review of the Literature. *Open Forum Infect Dis* 2021; 8:ofab088.
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8. Boesch M, Baty F, Albrich W, Flatz L, Rodriguez R, Rothschild S, Joerger M, Früh M, Brutsche M. Local tumor microbial signatures and response to checkpoint blockade in non-small cell lung cancer. *Oncoimmunology* 2021; 10:1988403.
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Dept. II

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Dept. IV

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