

Jahresbericht 2021

Fremdsprachige Publikationen

Journalbeitrag

Fallbericht

1. Alizadeh LS, Albrecht MH, Booz C (2021) Radiographic case report of a heart transplanted patient suffering from COVID-19. *Heliyon*, 7 (4): e06688
2. D'Angelo T, Cattafi A, Carerj ML, Booz C, Ascenti G, Cicero G, Blandino A, Mazziotti S (2021) Myocarditis After SARS-CoV-2 Vaccination: A Vaccine-Induced Reaction? *CAN J CARDIOL*, 37 (10): 1665-1667
3. Miladinovic M, Wittekindt B, Fischer S, Gradhand E, Kunzmann S, Zimmermann SY, Bakhtiar S, Klingebiel T, Schlösser R, Lehrnbecher T (2021) Case Report: Symptomatic Chronic Granulomatous Disease in the Newborn. *FRONT IMMUNOL*, 12: 663883

Originalarbeit

1. Alizadeh LS, Koch V, Vogl TJ, Yel I, Gruenewald L, Albrecht MH, Herrmann E, von Knebel-Doeberitz PL, Booz C (2021) Value of Latest-generation Cone-beam Computed Tomography for Post Lipiodol-embolization Imaging in Hepatic Transarterial Chemoembolization in Comparison with Multi-detector Computed Tomography. *ACAD RADIOL*, -: -
2. Allen B, Shenk CE, Dreschel NE, Wang M, Bucher AM, Desir MP, Chen MJ, Grabowski SR (2021) Integrating Animal-Assisted Therapy Into TF-CBT for Abused Youth With PTSD: A Randomized Controlled Feasibility Trial. *CHILD MALTREATMENT*, -: 1077559520988790
3. Altay-Langguth A, Balermipas P, Brandts C, Balster S, Ghanaati S, Winkelmann R, Burck J, Rödel F, Martin D, Rödel C, von der Grün J (2021) Re-irradiation with concurrent and maintenance nivolumab in locally recurrent and inoperable squamous cell carcinoma of the head and neck: A single-center cohort study. *Clin Transl Radiat Oncol*, 28: 71-78
4. Arendt CT, Leithner D, Mayerhoefer ME, Gibbs P, Czerny C, Arnoldner C, Burck J, Leinung M, Tanyildizi Y, Lenga L, Martin SS, Vogl TJ, Schernthaner RE (2021) Radiomics of high-resolution computed tomography for the differentiation between cholesteatoma and middle ear inflammation: effects of post-reconstruction methods in a dual-center study. *EUR RADIOL*, 31 (6): 4071-4078
5. Arendt CT, Eichler K, Mack MG, Leithner D, Zhang S, Block KT, Berdan Y, Sader R, Wichmann JL, Gruber-Rouh T, Vogl TJ, Hoelter MC (2021) Comparison of contrast-enhanced videofluoroscopy to unenhanced dynamic MRI in minor patients following surgical correction of velopharyngeal dysfunction. *EUR RADIOL*, 31 (1): 76-84
6. Avendano D, Marino MA, Onishi N, Leithner D, Martinez DF, Gibbs P, Jochelson M, Pinker K, Morris EA, Sutton EJ (2021) Can Follow-up be Avoided for Probably Benign US Masses with No Enhancement on MRI? *EUR RADIOL*, 31 (2): 975-982
7. Baumgarten P, Sarlak M, Monden D, Spyranis A, Bernatz S, Gessler F, Dubinski D, Hattingen E, Marquardt G, Strzelczyk A, Rosenow F, Harter PN, Seifert V, Freiman TM (2021) Early and Late Postoperative Seizures in Meningioma Patients and Prediction by a Recent Scoring System. *CANCERS*, 13 (3): -
8. Bernatz S, Afat S, Othman AE, Nikolaou K, Sieren M, Sähn MJ, Pinto Dos Santos D, Penzkofer T, Bucher AM, Hamm B, Vogl TJ, Bodelle B, RACOON Consortium (2021) Impact of the COVID-19 Pandemic on Radiology in Inpatient and Outpatient Care in Germany: A Nationwide Survey Regarding the First and Second Wave. *ROFO-FORTSCHR RONTG*, -: -
9. Bernatz S, Mahmoudi S, Martin SS, Burck J, Vogl TJ, Ackermann J, Stöver T, Balster S, Gröger M (2021) Differences in mastoid and middle-ear cavity opacification in CT between intensive

care patients and patients with acute mastoiditis requiring surgical treatment. EUR J RADIOL OPEN, 8: 100365

10. Bernatz S, Monden D, Gessler F, Radic T, Hattingen E, Senft C, Seifert V, Ronellenfisch MW, Plate KH, Harter PN, Baumgarten P (2021) Influence of VEGF-A, VEGFR-1-3, and neuropilin 1-2 on progression-free: and overall survival in WHO grade II and III meningioma patients. J MOL HISTOL, 52 (2): 233-243
11. Bernatz S, Zhdanovich Y, Ackermann J, Koch I, Wild PJ, Dos Santos DP, Vogl TJ, Kaltenbach B, Rosbach N (2021) Impact of rescanning and repositioning on radiomic features employing a multi-object phantom in magnetic resonance imaging. SCI REP-UK, 11 (1): 14248
12. Blackmon SH, Sterner RM, Eiken PW, Vogl TJ, Pua BB, Port JL, Dupuy DE, Callstrom MR (2021) Technical and safety performance of CT-guided percutaneous microwave ablation for lung tumors: an ablate and resect study. Journal of Thoracic Disease, -13 (12): -6827-6837
13. Booz C, Vogl TJ, Joseph Schoepf U, Caruso D, Inserra MC, Yel I, Martin SS, Bucher AM, Lenga L, Caudo D, Schreckenbach T, Schoell N, Huegel C, Stratmann J, Vasa-Nicotera M, Rachovitsky-Duarte DE, Laghi A, De Santis D, Mazziotti S, D'Angelo T, Albrecht MH (2021) Value of minimum intensity projections for chest CT in COVID-19 patients. EUR J RADIOL, 135: 109478
14. Booz C, Yel I, Martin SS, Lenga L, Eichler K, Wichmann JL, Vogl TJ, Albrecht MH (2021) Incremental Diagnostic Value of Virtual Noncalcium Dual-Energy Computed Tomography for the Depiction of Cervical Disk Herniation Compared With Standard Gray-Scale Computed Tomography. INVEST RADIOL, 56 (4): 207-214
15. Burck I, Drath F, Albrecht MH, D Angelo T, Ackermann H, Scholtz JE, Yel I, Stöver T, Helbig S, Vogl TJ, Kaltenbach B, Scholtz JE (2021) Visualization of Different Types of Cochlear Implants in Postoperative Cone-Beam CT Imaging. ACAD RADIOL, -: -
16. Burck I, Helal RA, Naguib NNN, Nour-Eldin NEA, Scholtz JE, Martin S, Leinung M, Helbig S, Stöver T, Lehn A, Vogl TJ (2021) Postoperative radiological assessment of the mastoid facial canal in cochlear implant patients in correlation with facial nerve stimulation. EUR RADIOL, -: -
17. Burck I, Schneider SV, Balster S, Lehn A, Yel I, Albrecht MH, Helbig S, Stöver T, Kaltenbach B, Vogl TJ (2021) Radiohistologic Comparison Study of Temporal Bone Specimens After Cochlear Implant Electrode Array Insertion: Is Cone-Beam CT Superior to MDCT? AM J ROENTGENOL, 216 (3): 752-758
18. Cavallaro M, D'Angelo T, Albrecht MH, Yel I, Martin SS, Wichmann JL, Lenga L, Mazziotti S, Blandino A, Ascenti G, Longo M, Vogl TJ, Booz C (2021) Comprehensive comparison of dual-energy computed tomography and magnetic resonance imaging for the assessment of bone marrow edema and fracture lines in acute vertebral fractures. EUR RADIOL, -: -
19. Cicero G, Ascenti G, Blandino A, Trimarchi R, Booz C, Vogl TJ, D'Angelo T, Mazziotti S (2021) Elective surgery outcomes in inflammatory bowel disease: interpretation at magnetic resonance enterography. JPN J RADIOL, 39 (7): 633-641
20. Cicero G, Blandino A, D'Angelo T, Booz C, Vogl TJ, Ascenti G, Mazziotti S (2021) Mimicking conditions of intestinal Crohn's disease: magnetic resonance enterography findings. JPN J RADIOL, -: -
21. de Leuw P, Arendt CT, Haberl AE, Froadinadl D, Kann G, Wolf T, Stephan C, Schuetfort G, Vasquez M, Arcari L, Zhou H, Zainal H, Gawor M, Vidalakis E, Kolentinis M, Albrecht MH, Escher F, Vogl TJ, Zeiher AM, Nagel E, Puntmann VO (2021) Myocardial Fibrosis and Inflammation by CMR Predict Cardiovascular Outcome in People Living With HIV. JACC CARDIOVASC IMAGING, 14 (8): 1548-1557
22. Flint A, Andersen G, Hockings P, Johansson L, Morsing A, Sundby Palle M, Vogl T, Loomba R, Plum-Mörschel L (2021) Randomized clinical trial: semaglutide versus placebo reduced liver steatosis but not liver stiffness in subjects with non-alcoholic fatty liver disease assessed by magnetic resonance imaging. Alimentary Pharmacology & Therapeutics, -54: -1150-1161
23. Foldyna B, Zeleznik R, Eslami P, Mayrhofer T, Scholtz JE, Ferencik M, Bittner DO, Meyersohn NM, Puchner SB, Emami H, Pellikka PA, Aerts HJWL, Douglas PS, Lu MT, Hoffmann U (2021)

- Small whole heart volume predicts cardiovascular events in patients with stable chest pain: insights from the PROMISE trial. EUR RADIOL, 31 (8): 6200-6210
24. Gruber-Rouh T, Eichler K, Vogl TJ, Yel I, Beeres M, Langenbach MC (2021) Corrigendum to: "Re: CT-guided percutaneous biopsy of suspect pancreatic lesions: radiological and clinical outcome" [74 (11) e7-e12]. CLIN RADIOL, 76 (6): 474.e1
 25. Gruenewald LD, Koch V, Martin SS, Yel I, Eichler K, Gruber-Rouh T, Lenga L, Wichmann JL, Alizadeh LS, Albrecht MH, Mader C, Huizinga NA, D'Angelo T, Mazziotti S, Wesarg S, Vogl TJ, Booz C (2021) Diagnostic accuracy of quantitative dual-energy CT-based volumetric bone mineral density assessment for the prediction of osteoporosis-associated fractures. EUR RADIOL, -: -
 26. Hackbarth CB, Vogl TJ, Naguib N, Albrecht MH, von Knebel-Doeberitz PL (2021) Long-term evaluation of pain reduction after vertebroplasty and kyphoplasty. ACTA RADIOL OPEN, 10 (7): 205846012111028994
 27. Hauser T, Dornberger V, Malzahn U, Grebe SJ, Liu D, Störk S, Nauck M, Friedrich N, Dörr M, Wanner C, Krane V, Hammer F, MiREnDa Study Group, Collaborating investigators (sites) (2021) The effect of spironolactone on diastolic function in haemodialysis patients. INT J CARDIOVAS IMAG, 37 (6): 1927-1936
 28. Hoeh B, Preisser F, Wenzel M, Humke C, Wittler C, Köllermann J, Bodelle B, Bernatz S, Steuber T, Tilki D, Graefen M, Karakiewicz PI, Becker A, Kluth LA, Chun FKH, Mandel P (2021) Feasibility and outcome of radical prostatectomy following inductive neoadjuvant therapy in patients with suspicion of rectal infiltration. UROL ONCOL-SEMIN ORI, -: -
 29. Hunold P, Bucher AM, Sandstede J, Janka R, Fritz LB, Regier M, Loose R, Barkhausen J, Mentzel HJ, Zimmer C, Antoch G, Vorstand der Deutschen Röntgengesellschaft e. V. (DRG);, Vorstand der Deutschen Gesellschaft für Neuroradiologie e. V. (DGNR);, Vorstand der Gesellschaft für Pädiatrische Radiologie e. V. (GPR); (2021) Statement of the German Roentgen Society, German Society of Neuroradiology, and Society of German-speaking Pediatric Radiologists on Requirements for the Performance and Reporting of MR Imaging Examinations Outside of Radiology. ROFO-FORTSCHR RONTG, 193 (9): 1050-1061
 30. Kazemtash M, Harth M, Derwich W, Thalhammer A, Schmitz-Rixen T, Keese M (2021) Quiescent-Interval Slice Selective Magnetic Resonance Angiography for Abdominal Aortic Aneurysm Treatment Planning. J ENDOVASC THER, 28 (3): 393-398
 31. Koch C, Göller M, Schott E, Waidmann O, Op den Winkel M, Paprottka P, Zangos S, Vogl T, Bechstein WO, Zeuzem S, Kolligs FT, Trojan J (2021) Combination of Sorafenib and Transarterial Chemoembolization in Selected Patients with Advanced-Stage Hepatocellular Carcinoma: A Retrospective Cohort Study at Three German Liver Centers. CANCERS, 13 (9): -
 32. Koch V, Albrecht MH, Gruenewald LD, Yel I, Eichler K, Gruber-Rouh T, Hammerstingl RM, Burck I, Wichmann JL, Alizadeh LS, Vogl TJ, Lenga L, Mader C, Martin SS, Mazziotti S, D'Angelo T, Booz C (2021) Diagnostic accuracy of color-coded virtual noncalcium reconstructions derived from portal venous phase dual-energy CT in the assessment of lumbar disk herniation. EUR RADIOL, -: -
 33. Koch V, Albrecht MH, Gruenewald LD, Yel I, Eichler K, Gruber-Rouh T, Hammerstingl RM, Burck I, Wichmann JL, Alizadeh LS, Vogl TJ, Lenga L, Wesarg S, Martin SS, Mader C, Dimitrova M, D'Angelo T, Booz C (2021) Impact of Intravenously Injected Contrast Agent on Bone Mineral Density Measurement in Dual-Source Dual-Energy CT. ACAD RADIOL, -: -
 34. Koch V, Hokamp NG, Albrecht MH, Gruenewald LD, Yel I, Borggrefe J, Wesarg S, Eichler K, Burck I, Gruber-Rouh T, Lenga L, Vogl TJ, Martin SS, Wichmann JL, Hammerstingl RM, Alizadeh LS, Mader C, Huizinga NA, D'Angelo T, Ascenti G, Mazziotti S, Booz C (2021) Accuracy and precision of volumetric bone mineral density assessment using dual-source dual-energy versus quantitative CT: a phantom study. Eur Radiol Exp, 5 (1): 43
 35. Koch V, Müller FC, Gosvig K, Albrecht MH, Yel I, Lenga L, Martin SS, Cavallaro M, Wichmann JL, Mader C, D'Angelo T, Mazziotti S, Cicero G, Vogl TJ, Booz C (2021) Incremental diagnostic

- value of color-coded virtual non-calcium dual-energy CT for the assessment of traumatic bone marrow edema of the scaphoid. EUR RADIOL, 31 (7): 4428-4437
36. Koch V, Yel I, Grünewald LD, Beckers S, Burck I, Lenga L, Martin SS, Mader C, Wichmann JL, Albrecht MH, Eichler K, Gruber-Rouh T, D'Angelo T, Mazziotti S, Ascenti G, Vogl TJ, Booz C (2021) Assessment of thoracic disk herniation by using virtual noncalcium dual-energy CT in comparison with standard grayscale CT. EUR RADIOL, -: -
 37. Langenbach MC, Park C, Vogl TJ, Beeres M, Scholtz JE, Gruber-Rouh T (2021) The use of dynamic MR imaging in patients with clinical pelvic floor disorders. CLIN PHYSIOL FUNCT I, 41 (2): 173-180
 38. Langenbach MC, Vogl TJ, Said G, Scholtz JE, Hammerstingl R, Gruber-Rouh T (2021) Lipiodol as a Predictive Indicator for Therapy Response to Transarterial Chemoembolization of Hepatocellular Carcinoma. CANCER BIOTHER RADIO, -: -
 39. Leinung M, Loth AG, Kroth M, Burck I, Stöver T, Helbig S (2021) Comparison of bandaging techniques to prevent cochlear implant magnet displacement following MRI. EUR ARCH OTO-RHINO-L, 278 (11): 4209-4216
 40. Lenga L, Bernatz S, Martin SS, Booz C, Solbach C, Mulert-Ernst R, Vogl TJ, Leithner D (2021) Iodine Map Radiomics in Breast Cancer: Prediction of Metastatic Status. CANCERS, 13 (10): -
 41. Lenga L, Lange M, Arendt CT, Yel I, Booz C, Durden J, Leithner D, Vogl TJ, Albrecht MH, Martin SS (2021) Can Dual-energy CT-based Virtual Monoenergetic Imaging Improve the Assessment of Hypodense Liver Metastases in Patients With Hepatic Steatosis? ACAD RADIOL, 28 (6): 769-777
 42. Lenga L, Lange M, Martin SS, Albrecht MH, Booz C, Yel I, Arendt CT, Vogl TJ, Leithner D (2021) Head and neck single- and dual-energy CT: differences in radiation dose and image quality of 2nd and 3rd generation dual-source CT. BRIT J RADIOL, 94 (1122): 20210069
 43. Loth AG, Fischer K, Hey AK, Weiß R, Leinung M, Burck I, Linke A, Kramer S, Stöver T, Helbig S (2021) Magnetic Resonance Imaging in Patients With Hearing Implants - Follow-up on Prevalence and Complications. OTOL NEUROTOL, 42 (9): 1334-1341
 44. Mader C, Bernatz S, Michalik S, Koch V, Martin SS, Mahmoudi S, Basten L, Grünewald LD, Bucher A, Albrecht MH, Vogl TJ, Booz C (2021) Quantification of COVID-19 Opacities on Chest CT - Evaluation of a Fully Automatic AI-approach to Noninvasively Differentiate Critical Versus Noncritical Patients. ACAD RADIOL, 28 (8): 1048-1057
 45. Mahmoudi S, Martin SS, Ackermann J, Zhdanovich Y, Koch I, Vogl TJ, Albrecht MH, Lenga L, Bernatz S (2021) Potential of high dimensional radiomic features to assess blood components in intraaortic vessels in non-contrast CT scans. BMC MED IMAGING, 21 (1): 123
 46. Malkomes P, Edmaier F, Liese J, Reinisch-Liese A, El Youzouri H, Schreckenbach T, Bucher AM, Bechstein WO, Schnitzbauer AA (2021) DIALAPP: a prospective validation of a new diagnostic algorithm for acute appendicitis. LANGENBECK ARCH SURG, 406 (1): 141-152
 47. Marggrander DT, Koc-Günel S, Tekeli-Camci N, Martin S, Golbach R, Wolf T (2021) Lung Ultrasound Effectively Detects HIV-Associated Interstitial Pulmonary Disease. INT J INFECT DIS; JCR: pISSN/1201-9712, -111: -204-210
 48. Martin SS, Giovagnoli DA, Vingiani V, Abadia AF, Fischer AM, Smith HE, Wertis EM, Hook K, Smith SN, Wasden T, Kaminski J, Varga-Szemes A, Vogl TJ, Schoepf UJ (2021) Evaluating a New Contrast Media Injection System in Coronary CT Angiography. Radiol Technol, 92 (3): 232-239
 49. Martin SS, Kolaneci D, Wichmann JL, Lenga L, Leithner D, Vogl TJ, Jacobi V (2021) Development and evaluation of a computer-based decision support system for diffuse lung diseases at high-resolution computed tomography. ACTA RADIOL, -: 284185121995799
 50. Martin SS, Muscogiuri E, Burchett PF, van Assen M, Tessarin G, Vogl TJ, Schoepf UJ, De Cecco CN (2021) Tumorous tissue characterization using integrated 18F-FDG PET/dual-energy CT in lung cancer: Combining iodine enhancement and glycolytic activity. EUR J RADIOL, -: 110116
 51. Martin SS, van Assen M, Burchett P, Monti CB, Schoepf UJ, Ravenel J, Rieter WJ, Vogl TJ, Costello P, Gordon L, De Cecco CN (2021) Prospective Evaluation of the First Integrated

- Positron Emission Tomography/Dual-Energy Computed Tomography System in Patients With Lung Cancer. *J THORAC IMAG*, -: -
52. Mia I, Le M, Arendt C, Brand D, Bremekamp S, D'Angelo T, Puntmann VO, Nagel E (2021) Quantitative perfusion-CMR is significantly influenced by the placement of the arterial input function. *INT J CARDIOVAS IMAG*, 37 (3): 1023-1031
 53. Mühlenfeld N, Steendahl IB, Berthold DP, Meyer T, Hauser T, Wagner N, Sander AL, Marzi I, Kaltenbach B, Yel I, Vogl T, Eichler K (2021) Assessment of muscle volume using magnetic resonance imaging (MRI) in football players after hamstring injuries. *Eur J Sport Sci*, -: 1-9
 54. Naguib NNN, Kaltenbach B, Abdel-Karim AA, Elabd A, Abd-Elsalam H, Hammerstingl R, Ackermann H, Vogl TJ, Nour-Eldin NEA (2021) MRI analysis of uterine ischaemia as a form of non-target embolisation following uterine artery embolisation: incidence, extent and outcome. *CLIN RADIOL*, -: -
 55. Preisser F, Theissen L, Wenzel M, Humke C, Bodelle B, Köllermann J, Kluth L, Banek S, Becker A, Roos F, Chun FKH, Mandel P (2021) Performance of Combined Magnetic Resonance Imaging/Ultrasound Fusion-guided and Systematic Biopsy of the Prostate in Biopsy-naïve Patients and Patients with Prior Biopsies. *Eur Urol Focus*, 7 (1): 39-46
 56. Puijk RS, Ahmed M, Adam A, Arai Y, Arellano R, de Baère T, Bale R, Bellera C, Binkert CA, Brace CL, Breen DJ, Brountzos E, Callstrom MR, Carrafiello G, Chapiro J, de Cobelli F, Coupé VMH, Crocetti L, Denys A, Dupuy DE, Erinjeri JP, Filippiadis D, Gangi A, Gervais DA, Gillams AR, Greene T, Guiu B, Helmberger T, Iezzi R, Kang TW, Kelekis A, Kim HS, Kröncke T, Kwan S, Lee MW, Lee FT, Lee EW, Liang P, Lissenberg-Witte BI, Lu DS, Madoff DC, Mauri G, Meloni MF, Morgan R, Nadolski G, Narayanan G, Newton I, Nikolic B, Orsi F, Pereira PL, Pua U, Rhim H, Ricke J, Rilling W, Salem R, Scheffer HJ, Sofocleous CT, Solbiati LA, Solomon SB, Soulen MC, Sze D, Uberoi R, Vogl TJ, Wang DS, Wood BJ, Goldberg SN, Meijerink MR (2021) Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. *RADIOLOGY*, -: 203715
 57. Salg GA, Ganten MK, Bucher AM, Kenngott HG, Fink MA, Seibold C, Fischbach RE, Schlamp K, Velandia CA, Fervers P, Doellinger F, Luger A, Afat S, Merle U, Diener MK, Pereira PL, Penzkofer T, Persigehl T, Othman A, Heußel CP, Baumhauer M, Widmann G, Stathopoulos K, Hamm B, Vogl TJ, Nikolaou K, Kauczor HU, Kleesiek J (2021) A reporting and analysis framework for structured evaluation of COVID-19 clinical and imaging data. *NPJ Digit Med*, 4 (1): 69
 58. Samir A, Naguib NNN, Elnekeidy A, Baess AI, Shawky A (2021) Covid-19 versus H1N1: challenges in radiological diagnosis - comparative study on 130 patients using chest HRCT. *Egyptian Journal of Radiology and Nuclear Medicine*, -52 (77): -1-9
 59. Schmidbauer M, Grenacher L, Juchems MS, Memmel E, Lauenstein T, Schreyer AG, Verloh N, Becker C, Vogl TJ, Wessling J, Wacker FK, Ringe KI (2021) Impact of the COVID 19 Pandemic on Radiological Imaging in Germany. *ROFO-FORTSCHR RONTG*, -: -
 60. van Assen M, Martin SS, Varga-Szemes A, Rapaka S, Cimen S, Sharma P, Sahbaee P, De Cecco CN, Vliegenthart R, Leonard TJ, Burt JR, Schoepf UJ (2021) Automatic coronary calcium scoring in chest CT using a deep neural network in direct comparison with non-contrast cardiac CT: A validation study. *EUR J RADIOL*, 134: 109428
 61. Vogl TJ, Emara EH, Elhawash E, Naguib NNN, Aboelezz MO, Abdelrahman HM, Saber S, Nour-Eldin NEA (2021) Feasibility of diffusion-weighted magnetic resonance imaging in evaluation of early therapeutic response after CT-guided microwave ablation of inoperable lung neoplasms. *EUR RADIOL*, -: -
 62. Vogl TJ, Günther D, Weigl P, Scholtz JE (2021) Diagnostic value of dynamic magnetic resonance imaging of temporomandibular joint dysfunction. *EUR J RADIOL OPEN*, 8: 100390
 63. Vogl TJ, Marko C, Langenbach MC, Naguib NNN, Filmann N, Hammerstingl R, Gruber-Rouh T (2021) Transarterial chemoembolization of colorectal cancer liver metastasis: improved tumor response by DSM-TACE versus conventional TACE, a prospective, randomized, single-center trial. *EUR RADIOL*, 31 (4): 2242-2251

64. [Vogl TJ](#), [Riegelbauer LJ](#), [Oppermann E](#), [Kostantin M](#), [Ackermann H](#), [Trzmiel A](#), [Stein S](#), [Eichler K](#), [Zharov VP](#), [Roy D](#), [Schnitzbauer AA](#), [Strücker B](#), [Pascher A](#), [Bechstein WO](#), [Juratli MA](#) (2021) Early dynamic changes in circulating tumor cells and prognostic relevance following interventional radiological treatments in patients with hepatocellular carcinoma. PLOS ONE, 16 (2): e0246527
65. [Vogl TJ](#), [Zinn A](#), [Elhawash E](#), [Alizadeh LS](#), [Nour-Eldin NEA](#), [Naguib NNN](#) (2021) MR angiography-planned prostatic artery embolization for benign prostatic hyperplasia: single-center retrospective study in 56 patients. DIAGN INTERV RADIOL, 27 (6): 725-731
66. [Vogl TJ](#), [Langenbach MC](#), [Hammerstingl R](#), [Albrecht MH](#), [Chatterjee AR](#), [Gruber-Rouh T](#) (2021) Evaluation of two different transarterial chemoembolization protocols using Lipiodol and degradable starch microspheres in therapy of hepatocellular carcinoma: a prospective trial. HEPATOL INT, 15 (3): 685-694
67. [Vogl TJ](#), [Zinn A](#), [Alizadeh LS](#), [Naguib NN](#) (2021) Prostate Artery Embolization for Benign Prostate Syndrome. German Medical Journal, -27 (1): -64-75
68. [von der Grün J](#), [Winkelmann R](#), [Rödel F](#), [Balster S](#), [Neumayer T](#), [Ghanaati S](#), [Brandts C](#), [Burckl J](#), [Martin D](#), [Rödel C](#), [Kesar N](#), [Balermipas P](#) (2021) Patterns of care, toxicity and outcome in the treatment of salivary gland carcinomas: long-term experience from a tertiary cancer center. EUR ARCH OTO-RHINO-L, 278 (11): 4411-4421
69. [Wenzel M](#), [Preisser F](#), [Mueller M](#), [Theissen LH](#), [Welte MN](#), [Hoeh B](#), [Humke C](#), [Bernatz S](#), [Bodelle B](#), [Würnschimmel C](#), [Tilki D](#), [Huland H](#), [Graefen M](#), [Roos FC](#), [Becker A](#), [Karakiewicz PI](#), [Chun FKH](#), [Kluth LA](#), [Mandel P](#) (2021) Effect of prostatic apex shape (Lee types) and urethral sphincter length in preoperative MRI on very early continence rates after radical prostatectomy. INT UROL NEPHROL, 53 (7): 1297-1303
70. [Wenzel M](#), [Preisser F](#), [Wittler C](#), [Hoeh B](#), [Wild PJ](#), [Tschäbunin A](#), [Bodelle B](#), [Würnschimmel C](#), [Tilki D](#), [Graefen M](#), [Becker A](#), [Karakiewicz PI](#), [Chun FKH](#), [Kluth LA](#), [Köllermann J](#), [Mandel P](#) (2021) Correlation of MRI-Lesion Targeted Biopsy vs. Systematic Biopsy Gleason Score with Final Pathological Gleason Score after Radical Prostatectomy. DIAGNOSTICS, 11 (5): -
71. [Wenzel M](#), [Welte MN](#), [Grossmann L](#), [Preisser F](#), [Theissen LH](#), [Humke C](#), [Deuker M](#), [Bernatz S](#), [Gild P](#), [Ahyai S](#), [Karakiewicz PI](#), [Bodelle B](#), [Kluth LA](#), [Chun FKH](#), [Mandel P](#), [Becker A](#) (2021) Multiparametric MRI may Help to Identify Patients With Prostate Cancer in a Contemporary Cohort of Patients With Clinical Bladder Outlet Obstruction Scheduled for Holmium Laser Enucleation of the Prostate (HoLEP). FRONT SURG, 8: 633196
72. [Wolterink JM](#), [Mukhopadhyay A](#), [Leiner T](#), [Vogl TJ](#), [Bucher AM](#), [Işgum I](#) (2021) Generative Adversarial Networks: A Primer for Radiologists. RADIOGRAPHICS, 41 (3): 840-857
73. [Yacoub B](#), [Kabakus IM](#), [Schoepf UJ](#), [Giovagnoli VM](#), [Fischer AM](#), [Wichmann JL](#), [Martinez JD](#), [Sharma P](#), [Rapaka S](#), [Sahbaee P](#), [Hoelzer P](#), [Burt JR](#), [Varga-Szemes A](#), [Emrich T](#) (2021) Performance of an Artificial Intelligence-Based Platform Against Clinical Radiology Reports for the Evaluation of Noncontrast Chest CT. ACAD RADIOL, -: -
74. [Zeleznik R](#), [Foldyna B](#), [Eslami P](#), [Weiss J](#), [Alexander I](#), [Taron J](#), [Parmar C](#), [Alvi RM](#), [Banerji D](#), [Uno M](#), [Kikuchi Y](#), [Karady J](#), [Zhang L](#), [Scholtz JE](#), [Mayrhofer T](#), [Lyass A](#), [Mahoney TF](#), [Massaro JM](#), [Vasan RS](#), [Douglas PS](#), [Hoffmann U](#), [Lu MT](#), [Aerts HJWL](#) (2021) Deep convolutional neural networks to predict cardiovascular risk from computed tomography. NAT COMMUN, 12 (1): 715

Review

1. [D'Angelo T](#), [Albrecht MH](#), [Caudo D](#), [Mazziotti S](#), [Vogl TJ](#), [Wichmann JL](#), [Martin S](#), [Yel I](#), [Ascenti G](#), [Koch V](#), [Cicero G](#), [Blandino A](#), [Booz C](#) (2021) Virtual non-calcium dual-energy CT: clinical applications. Eur Radiol Exp, 5 (1): 38
2. [Gruber PJ](#), [Scholtz JM](#), [Donnelly HB](#) (2021) Narcotic Use for Acute Postoperative Pain Management in Mohs Micrographic Surgery Patients With End Stage Renal Disease: A Review of the Literature. DERMATOL SURG, 47 (4): 454-461

Deutschsprachige Publikationen

Journalbeitrag

Originalarbeit

1. Kuhl C, Walter P, Zimmer C, Mentzel HJ, Reimer P, Hausegger KA, Baretton G, Hoffmann RT, Heindel W, Düber C, Uder M, Nikolaou K, Antoch G, Vorstand der Deutschen Röntgengesellschaft e. V. (DRG);, Vorstand der Deutschen Gesellschaft für Neuroradiologie e. V. (DGNR);, Vorstand der Gesellschaft für Pädiatrische Radiologie e. V. (GPR);, Vorstand der Deutschen Gesellschaft für Interventionelle Radiologie und Minimalinvasive Therapie (DeGIR);, Präsidium der Österreichischen Röntgengesellschaft (ÖRG);, Vorstand der Deutschen Gesellschaft für Pathologie e. V. (DGP);, Konferenz der Lehrstuhlinhaber für Radiologie e. V.: (2021) Positionspapier der DRG, DGNR, GPR, DeGIR, ÖRG und DGP zur Nutzung klinischer Daten für wissenschaftliche Zwecke. ROFO-FORTSCHR RONTG, 193 (4): 381-387
2. Vogl TJ, Martin SS, Binali S (2021) CT-gestützte intrapedikuläre Biopsie und Radiofrequenzablation (RFA) eines Osteoidosteoms HWK 2. ROFO-FORTSCHR RONTG, 193 (9): 1098-1099

Review

1. Bucher AM, Kleesiek J (2021) [Artificial intelligence in oncological radiology: A (p)review]. RADIOLOGE, 61 (1): 52-59
2. Eichler K, Thalhammer A, Gruber-Rouh T, Marzi I, Bechstein WO, Vogl TJ (2021) [Interventional control of traumatic injuries of parenchymatous upper abdominal organs and the kidneys]. UNFALLCHIRURG, 124 (8): 621-626