



Lorenz Büchler – Publikationsliste

Originalartikel:

1. Baader A, **Büchler L**, Bircher-Lehmann L, Kléber A: Real time, confocal imaging of Ca^{2+} waves in arterially perfused rat hearts.
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2. **Büchler L**, Hosalkar H, Weber M: Arthroscopically assisted removal of intraosseous ganglion cysts of the distal tibia.
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3. **Büchler L**, Tannast M, Bonel H, Weber M: Reliability of radiologic assessment of the fracture anatomy at the posterior tibial plafond in malleolar fractures.
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4. Keel MJ, **Büchler L**, Bastian JD, Siebenrock KA: Leistenschmerz beim Sportler: Differentialdiagnose und Diagnostik.
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5. Bastian JD, **Büchler L**, Meyer DC, Siebenrock KA, Keel MJ: Surgical hip dislocation for osteochondral transplantation as a salvage procedure for a femoral head impaction fracture.
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6. Keel MJ, Bastian JD, **Büchler L**, Siebenrock KA: Surgical dislocation of the hip for a locked traumatic posterior dislocation with associated femoral neck and acetabular fractures.
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7. Beck M, **Büchler L**: Prevalence and impact of pain at the greater trochanter after open surgery for the treatment of femoro-acetabular impingement.
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8. Kohl S, Hosalkar HS, Mainil-Varlet P, Krueger A, **Buechler L**, Siebenrock KA: Histology of damaged acetabular cartilage in symptomatic femoroacetabular impingement: an observational analysis.
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9. Keel MJ, Ecker TM, Cullmann J, Bergmann M, Bonel HM, **Büchler L**, Siebenrock KA, Bastian JD: The pararectus approach for anterior intrapelvic management of acetabular fractures: an anatomical study and clinical evaluation.
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10. Tannast M, Pfannebecker P, Schwab JM, Albers CE, Siebenrock KA, **Büchler L**: Pelvic morphology differs in rotation and obliquity between developmental dysplasia of the hip and retroversion.
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11. Solomon LB, Guevara C, **Büchler L**, Howie DW, Byard RW, Beck M: Does bone wax induce a chronic inflammatory articular reaction?
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12. Weidner J, **Büchler L**, Beck M: Hip capsule dimensions in patients with femoroacetabular impingement: a pilot study.
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13. Siebenrock KA, Kistler L, Schwab JM, **Büchler L**, Tannast M: The acetabular wall index for assessing anteroposterior femoral head coverage in symptomatic patients.
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14. **Büchler L**, Beck M, Gollwitzer H, Katthagen BD, Zahedi AR: Gelenkerhaltende Hüftchirurgie im Erwachsenenalter, Beckenosteotomien.
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15. **Büchler L**, Neumann M, Schwab JM, Iselin L, Tannast M, Beck M: Arthroscopic versus open cam resection in the treatment of femoroacetabular impingement.
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20. **Büchler L**: Surgical dislocation, Ganz osteotomy and head reconstruction techniques.
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21. Siebenrock KA, Steppacher SD, Tannast M, **Büchler L**: Anteverting periacetabular osteotomy for acetabular retroversion.
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22. Ansorge A, Bastian JD, Tomagra S, Benneker L, **Büchler L**, Siebenrock KA, Keel MJ: Anterior fixation of unstable pelvic ring fractures using the modified Stoppa approach: mid-term results are independent on patients' age.
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25. **Büchler L**, Schwab JM, Whitlock PW, Beck M, Tannast M: Intraoperative Evaluation of Acetabular Morphology in Hip Arthroscopy Comparing Standard Radiography Versus Fluoroscopy: A Cadaver Study. *Arthroscopy (2016) 32 (6):1030-1037*
26. Haefeli PC, Albers EM, Steppacher SD, Tannast M, **Büchler L**: What are the risk factors for revision surgery after hip arthroscopy for FAI at 7-year followup? *Clinical Orthopaedics and Related Research (2017) 475(4):1169-1177*
27. Fickert S, Aurich M, Albercht D, Angele P, **Büchler L**, Dienst M, Erggelet C, Fritz J, Gebhart CH, Gollwitzer H, Kindler M, Lampert CH, Madry H, Möckel G, Niemeyer PH, Schröder J, Sobau CH, Spahn G, Zinser W, Landgraeber S: Biologische Rekonstruktion lokalisiert vollschichtiger Knorpelschäden des Hüftgelenkes: Empfehlungen der Arbeitsgemeinschaft "Klinische Geweberegeneration" der DGOU und des Hüftkomitees der AGAV. *Zeitschrift für Orthopädie und Unfallchirurgie (2017); 155(06): 670-682*
28. Anwander H, Beck M, **Büchler L**: Influence of Evolution on Cam Deformity and Its Impact on Biomechanics of the Human Hip Joint. *Journal of Orthopaedic Research (2018) August: 2071-2075*
29. Haefeli PC, Tannast M, Beck M, Siebenrock KA, **Büchler L**: Subchondral Drilling for Chondral Flaps Reduces the Risk of THA in Femoroacetabular Impingement Surgery at Minimum 5-Years Followup. *Hip International (2019) 29(2) 191-197*
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32. Gatzka CH, Tesch C, **Büchler L**: Wenn die Leiste zwickt und es doch keine Hernie ist. *Hamburger Ärzteblatt 5/19*
33. Kreiss L, Hohmann M, Klämpfl F, Schürmann S, Dehghani F, Friedrich O, Schmidt M, **Büchler L**: Diffuse reflectance spectroscopy and raman spectroscopy for label-free molecular characterization and automated detection of human cartilage and subchondral bone. *Sensors and Actuators b: Chemical 82019) 301*
34. **Büchler L**, Gatzka C, Kalchschmidt K, Siebenrock KA: Azetabuläre Umstellungsosteotomie im Erwachsenenalter. *Orthopädie und Unfallchirurgie up2date (2019) 14 (5): 479-492*



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1. Beck M, **Büchler L**, Leunig M: Anatomy of the proximal femur.
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2. **Büchler L**, Lerch T: Kapitel 3-D Rekonstruktion des Hüftgelenkes.
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3. **Büchler L**: Open or arthroscopic treatment of SCFE
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4. **Büchler L**, Tannast M, Siebenrock KA, Schwab JM: Biomechanics of the hip.
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5. Tannast M, Lerch T, Schmaranzer F, Kohlhof H, **Büchler L**, Steppacher S:
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DC. Wirtz / U. Stöckle (editors): Expertise Orthopädie und Unfallchirurgie: Hüfte. Thieme 2018
6. **Büchler L**: CAM Impingement
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8. **Büchler L**, Steppacher SD, Siebenrock KA: Surgical hip dislocation for FAI in athletes.
Safran M./ Karahan M. (editors): Hip and groin pain in the athlete. Springer 2019
9. **Büchler L**, Anwander H: Ilioinguinal approach
L. Büchler/ M. Keel (editors): Fracture management joint by joint: Fractures of the hip. Springer 2019
10. Rickman M, **Büchler L**: Traumatic hip dislocations.
L Büchler/ M. Keel (editors): Fracture management joint by joint: Fractures of the hip. Springer 2019

Editierte Bücher

1. **L. Büchler/ M. Keel** (editors): Fracture management joint by joint: Fractures of the hip. Springer 2019

Poster:

Präsentation von 15 Postern an nationalen und internationalen Kongressen.

Vorträge/ Kurse:

Präsentation von 168 Vorträgen an nationalen und internationalen Kongressen.

