

# Tanja Kraus

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,023  
citations

279487

23  
h-index

243296

44  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium alloys for temporary implants in osteosynthesis: In vivo studies of their degradation and interaction with bone. <i>Acta Biomaterialia</i> , 2012, 8, 1230-1238.	4.1	506
2	Biodegradable Fe-based alloys for use in osteosynthesis: Outcome of an in vivo study after 52weeks. <i>Acta Biomaterialia</i> , 2014, 10, 3346-3353.	4.1	211
3	In vivo degradation performance of micro-arc-oxidized magnesium implants: A micro-CT study in rats. <i>Acta Biomaterialia</i> , 2013, 9, 5411-5420.	4.1	193
4	The influence of biodegradable magnesium implants on the growth plate. <i>Acta Biomaterialia</i> , 2018, 66, 109-117.	4.1	80
5	Reconstruction of the sternoclavicular joint in active patients with the figure-of-eight technique using hamstrings. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 64-69.	1.2	66
6	Treatment for ischial tuberosity avulsion fractures in adolescent athletes. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 893-897.	2.3	58
7	Outcome of repaired unstable meniscal tears in children and adolescents. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 261-266.	1.2	57
8	Cellular reactions to biodegradable magnesium alloys on human growth plate chondrocytes and osteoblasts. <i>International Orthopaedics</i> , 2014, 38, 881-889.	0.9	53
9	The epidemiology of knee injuries in children and adolescents. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 773-779.	1.3	52
10	The influence of ultrasound guidance in the rate of success of acromioclavicular joint injection: an experimental study on human cadavers. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 1694-1697.	1.2	44
11	Comparison of Ponseti versus Surgical Treatment for Idiopathic Clubfoot: A Short-term Preliminary Report. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2668-2676.	0.7	43
12	The influence of age at single-event multilevel surgery on outcome in children with cerebral palsy who walk with flexed knee gait. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 730-735.	1.1	42
13	Patella re-alignment in children with a modified Grammont technique. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 83, 504-510.	1.2	40
14	The acute compartment syndrome following fractures of the lower leg in children. <i>Injury</i> , 2012, 43, 1743-1746.	0.7	38
15	PHB, crystalline and amorphous magnesium alloys: Promising candidates for bioresorbable osteosynthesis implants?. <i>Materials Science and Engineering C</i> , 2012, 32, 1503-1510.	3.8	36
16	Diagnosis and Treatment of Apophyseal Injuries of the Pelvis in Adolescents. <i>Seminars in Musculoskeletal Radiology</i> , 2014, 18, 498-504.	0.4	34
17	Ponseti method is superior to surgical treatment in clubfoot – Long-term, randomized, prospective trial. <i>Gait and Posture</i> , 2017, 58, 346-351.	0.6	34
18	The Baumann procedure to correct equinus gait in children with diplegic cerebral palsy. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 1143-1147.	3.4	29

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19	Elastic stable intramedullary nailing versus Kirschner wire pinning: outcome of severely displaced proximal humeral fractures in juvenile patients. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1462-1467.	1.2	28
20	Dynamic Versus Fixed Equinus Deformity in Children With Cerebral Palsy: How Does the Triceps Surae Muscle Work?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1897-1903.	0.5	25
21	Fractures of the Hallux in Children. <i>Foot and Ankle International</i> , 2015, 36, 60-63.	1.1	25
22	Pathological gait in children with Legg-Calvé-Perthes disease and proposal for gait modification to decrease the hip joint loading. <i>International Orthopaedics</i> , 2012, 36, 1235-1241.	0.9	24
23	Ulnar polydactyly – An analysis of appearance and postoperative outcome. <i>Journal of Pediatric Surgery</i> , 2014, 49, 474-476.	0.8	24
24	In Vivo Performance and Structural Relaxation of Biodegradable Bone Implants Made from Mg <sub>12</sub> Zn <sub>12</sub> Ca Bulk Metallic Glasses. <i>Advanced Engineering Materials</i> , 2012, 14, B357.	1.6	23
25	Long-term therapy with intrathecal baclofen improves quality of life in children with severe spastic cerebral palsy. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 565-569.	0.7	22
26	The impact of arterial vessel injuries associated with pediatric supracondylar humeral fractures. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 381-385.	1.1	20
27	The risk injury to the posterior interosseous nerve in standard approaches to the proximal radius: a cadaver study. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 353-357.	0.6	19
28	Preliminary report: resection and interposition of a deepithelialized skin flap graft in tarsal coalition in children. <i>Journal of Pediatric Orthopaedics Part B</i> , 2010, 19, 171-176.	0.3	14
29	Judet type-IV radial neck fractures in children: Comparison of the outcome of fractures with and without bony contact. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 529-532.	1.2	14
30	Accuracy of anterolateral versus posterolateral subtalar injection. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 759-763.	1.3	13
31	Injuries in Physically Disabled Children. <i>Seminars in Musculoskeletal Radiology</i> , 2014, 18, 513-522.	0.4	13
32	Does unilateral single-event multilevel surgery improve gait in children with spastic hemiplegia? A retrospective analysis of a long-term follow-up. <i>Gait and Posture</i> , 2017, 52, 135-139.	0.6	13
33	Outcome following excision of the radial head in children with open physes for impaired elbow motion. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 525-529.	1.2	11
34	Surgical treatment of posterior cruciate ligament lesions does not cause growth disturbances in pediatric patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2704-2709.	2.3	9
35	Does gender influence the long-term outcome of single-event multilevel surgery in spastic cerebral palsy?. <i>Journal of Pediatric Orthopaedics Part B</i> , 2012, 21, 448-451.	0.3	8
36	Does femoral anteversion and internally rotated gait correlate in subjects with patellofemoral instability?. <i>Clinical Biomechanics</i> , 2021, 84, 105333.	0.5	7

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37	Fracture of the ulnar styloid process negatively influences the outcome of paediatric fractures of the distal radius. <i>Acta Orthopaedica Belgica</i> , 2013, 79, 48-53.	0.1	7
38	Long-term outcome of chevron-osteotomy in juvenile hallux valgus. <i>Acta Orthopaedica Belgica</i> , 2013, 79, 552-8.	0.1	7
39	Antegrade Nailing Can Prevent Cubitus Varus and Valgus After Pediatric Supracondylar Fractures With Impacted Columns. <i>Journal of Orthopaedic Trauma</i> , 2013, 27, e285-e290.	0.7	6
40	Balloon kyphoplasty and percutaneous fixation of lumbar fractures in pediatric patients. <i>European Spine Journal</i> , 2016, 25, 651-656.	1.0	6
41	Do the Presence of Pathologic Changes and the Level of Operator Experience Alter the Rate of Intra-Articular Injection of the First Metatarsophalangeal Joint?. <i>Journal of the American Podiatric Medical Association</i> , 2013, 103, 204-207.	0.2	5
42	The origin points of the knee collateral ligaments: an MRI study on paediatric patients during growth. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 18-25.	2.3	5
43	Osteomyelitis of the Patella in a 10-Year-Old Girl: A Case Report and Review of the Literature. <i>Case Reports in Orthopedics</i> , 2017, 2017, 1-5.	0.1	5
44	Medial patellofemoral ligament (MPFL) reconstruction in combination with a modified grammont technique leads to favorable mid-term results in adolescents with recurrent patellofemoral dislocations. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 705-709.	2.3	4
45	Kinematic and Kinetic Gait Parameters Can Distinguish between Idiopathic and Neurologic Toe-Walking. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 804.	1.2	3
46	Long-term clinical and radiological outcomes following surgical treatment for symptomatic pediatric flexible flat feet: a systematic review. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 367-374.	1.2	2
47	Lengthening of the Midfoot in a Case of Lower-extremity Hemimelia. <i>Journal of the American Podiatric Medical Association</i> , 2011, 101, 456-461.	0.2	0
48	Reply to "Displaced distal forearm fractures in children with an indication for reduction under general anesthesia should be percutaneously fixated" by van Egmond PW, Schipper IB, van Luijt PA in <i>Eur J Orthop Surg Traumatol</i> . 2012 Apr;22(3):201-207. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2012, 22, 527-527.	0.6	0
49	Long-term results following intra-articular fractures of the medial malleolus in children and adolescents with special emphasis on MRI. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901880113.	0.4	0