

# Hanno Steinke

## List of Publications by Year in descending order

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52  
papers

1,498  
citations

430874

18  
h-index

330143

37  
g-index

54  
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54  
docs citations

54  
times ranked

2053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Panoptic imaging of transparent mice reveals whole-body neuronal projections and skullâ€meninges connections. <i>Nature Neuroscience</i> , 2019, 22, 317-327.	14.8	318
2	Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020, 180, 796-812.e19.	28.9	187
3	Comparison of modified thiel embalming and ethanolâ€glycerin fixation in an anatomy environment: Potentials and limitations of two complementary techniques. <i>Anatomical Sciences Education</i> , 2015, 8, 74-85.	3.7	81
4	Ethanolâ€glycerin fixation with thymol conservation: A potential alternative to formaldehyde and phenol embalming. <i>Anatomical Sciences Education</i> , 2012, 5, 225-233.	3.7	78
5	The Facial Adipose Tissue: A Revision. <i>Facial Plastic Surgery</i> , 2016, 32, 671-682.	0.9	68
6	Ligamentous influence in pelvic load distribution. <i>Spine Journal</i> , 2013, 13, 1321-1330.	1.3	62
7	Deformation behavior of the iliotibial tract under different states of fixation. <i>Medical Engineering and Physics</i> , 2012, 34, 1221-1227.	1.7	58
8	Analysis of the Posterior Ramus of the Lumbar Spinal Nerve. <i>Anesthesiology</i> , 2013, 118, 88-94.	2.5	57
9	Ultimate stress and age-dependent deformation characteristics of the iliotibial tract. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 16, 81-86.	3.1	46
10	Novel Insights Into the Sacroiliac Joint Ligaments. <i>Spine</i> , 2010, 35, 257-263.	2.0	45
11	Ethanol and formaldehyde fixation irreversibly alter bones' organic matrix. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 29, 252-258.	3.1	41
12	Plastinated body slices for verification of magnetic resonance tomography images. <i>Annals of Anatomy</i> , 2001, 183, 275-281.	1.9	35
13	Substitution of Formaldehyde in Cross Anatomy Is Possible. <i>Journal of the National Cancer Institute</i> , 2011, 103, 610-611.	6.3	31
14	The extent of ligament injury and its influence on pelvic stability following type II anteroposterior compression pelvic injuriesâ€â€A computer study to gain insight into open book trauma. <i>Journal of Orthopaedic Research</i> , 2014, 32, 873-879.	2.3	29
15	Anatomy of the human thoracolumbar Rami dorsales nervi spinalis. <i>Annals of Anatomy</i> , 2009, 191, 408-416.	1.9	24
16	The bicipital groove as a landmark for reconstruction of complex proximal humeral fractures with hybrid double plate osteosynthesis. <i>BMC Surgery</i> , 2016, 16, 10.	1.3	24
17	The medial branch of the lateral branch of the posterior ramus of the spinal nerve. <i>Surgical and Radiologic Anatomy</i> , 2006, 28, 228-234.	1.2	21
18	Light-weight plastination. <i>Annals of Anatomy</i> , 2008, 190, 428-431.	1.9	20

#	ARTICLE	IF	CITATIONS
19	Teaching surgical exposures to undergraduate medical students: an integration concept for anatomical and surgical education. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 795-803.	2.4	20
20	Combined multi-body and finite element investigation of the effect of the seat height on acetabular implant stability during the activity of getting up. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 105, 175-182.	4.7	18
21	Median nerve fascicular anatomy as a basis for distal neural prostheses. <i>Annals of Anatomy</i> , 2014, 196, 144-149.	1.9	18
22	The Stress-Strain Data of the Hip Capsule Ligaments Are Gender and Side Independent Suggesting a Smaller Contribution to Passive Stiffness. <i>PLoS ONE</i> , 2016, 11, e0163306.	2.5	17
23	Periodic acid-Schiff (PAS) reaction and plastination in whole body slices. A novel technique to identify fascial tissue structures. <i>Annals of Anatomy</i> , 2018, 216, 29-35.	1.9	16
24	Quantification of material slippage in the iliotibial tract when applying the partial plastination clamping technique. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 49, 112-117.	3.1	15
25	An algorithm for the calculation of three-dimensional collagen fiber orientation in ligaments using angle-sensitive MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1594-1602.	3.0	14
26	VolHOG: A volumetric object recognition approach based on bivariate histograms of oriented gradients for vertebra detection in cervical spine MRI. <i>Medical Physics</i> , 2014, 41, 082305.	3.0	14
27	Sex hormones in association with general joint laxity and hypermobility in the temporomandibular joint in adolescents—results of the epidemiologic LIFE child study. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 1023-1030.	3.0	14
28	Coloured plastinates. <i>Annals of Anatomy</i> , 2006, 188, 177-182.	1.9	13
29	Ligament-induced sacral fractures of the pelvis are possible. <i>Clinical Anatomy</i> , 2014, 27, 770-777.	2.7	13
30	Reference data on muscle volumes of healthy human pelvis and lower extremity muscles: an in vivo magnetic resonance imaging feasibility study. <i>Surgical and Radiologic Anatomy</i> , 2016, 38, 97-106.	1.2	13
31	A new plastination technique for head slices containing brain. <i>Annals of Anatomy</i> , 2002, 184, 353-358.	1.9	10
32	Anatomical Relationship between Bl23 and the Posterior Ramus of the L2 Spinal Nerve. <i>Acupuncture in Medicine</i> , 2016, 34, 95-100.	1.0	8
33	Oblique sectional planes of block plastinates eased by Sac Plastination. <i>Annals of Anatomy</i> , 2012, 194, 404-406.	1.9	7
34	Spectrophotometric measurements of human tissues for the detection of subjacent blood vessels in an endonasal endoscopic surgical approach. <i>Journal of Biophotonics</i> , 2013, 6, 310-313.	2.3	6
35	Design and development process of a next-generation training system for spinal surgery. <i>Simulation</i> , 2013, 89, 1436-1441.	1.8	6
36	Third primary branch of the posterior ramus of the spinal nerve at the thoracolumbar region: a cadaveric study. <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 951-961.	1.2	6

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37	Nameless in anatomy, but famous among surgeons: The so called "œdeltotrapezoid fascia" Annals of Anatomy, 2020, 231, 151488.	1.9	6
38	The fascial connections of the pectineal ligament. Clinical Anatomy, 2019, 32, 961-969.	2.7	5
39	Ligamental compartments and their relation to the passing spinal nerves are detectable with MRI inside the lumbar neural foramina. European Spine Journal, 2019, 28, 1811-1820.	2.2	5
40	The topography and morphometrics of the pubic ligaments. Annals of Anatomy, 2021, 236, 151698.	1.9	5
41	Demonstration of pelvic anatomy by modified midline transection that maintains intact internal pelvic organs. Anatomical Sciences Education, 2010, 3, 254-260.	3.7	4
42	The arterial blood supply of the symphysis pubis " Spatial orientated and highly variable. Annals of Anatomy, 2021, 234, 151649.	1.9	2
43	The Sacroiliac Joint as a Cause of Pain " Review of the Sacroiliac Joint Morphology and Models for Pain Genesis. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2021, , .	0.7	2
44	Topography and evidence of a separate "œfascia plate" for the femoral nerve inside the iliopsoas " A dorsal approach. Journal of Anatomy, 2021, 238, 1233-1243.	1.5	2
45	The lumbar dorsal rami of the wild pig: the intermediate branch. Turkish Journal of Veterinary and Animal Sciences, 2014, 38, 95-99.	0.5	1
46	On the importance of the innervation of the human cervical longitudinal ligaments at vertebral level. Surgical and Radiologic Anatomy, 2020, 42, 127-136.	1.2	1
47	Integrity of the pectineal ligament in MRI correlates with radiographic superior pubic ramus fracture displacement. Acta Radiologica, 2021, 62, 67-72.	1.1	1
48	The comparative analyses of decalcification procedures and methyl benzoate pre-treatment on tissue preservation and antigenicity in human acetabular labra. Histology and Histopathology, 2019, 34, 899-908.	0.7	1
49	In vivo detection of the lumbar intraforaminal ligaments by MRI. European Spine Journal, 2022, 31, 882-888.	2.2	1
50	Levator scapulae and rhomboid minor are united. Annals of Anatomy, 2022, 243, 151938.	1.9	1
51	The Dorsal Rootlets, Ventral Rootlets, Spinal Nerve, and Rami. , 2015, , 451-469.		0
52	The sacrotuberous ligament is preloaded in situ. Journal of the Mechanical Behavior of Biomedical Materials, 2022, , 105368.	3.1	0