

Claudia Lindner

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,089
citations

840119

11
h-index

552369

26
g-index

44
all docs

44
docs citations

44
times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	A benchmark for comparison of dental radiography analysis algorithms. <i>Medical Image Analysis</i> , 2016, 31, 63-76.	7.0	229
2	Robust and Accurate Shape Model Matching Using Random Forest Regression-Voting. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015, 37, 1862-1874.	9.7	186
3	Robust and Accurate Shape Model Fitting Using Random Forest Regression Voting. <i>Lecture Notes in Computer Science</i> , 2012, , 278-291.	1.0	160
4	Fully Automatic Segmentation of the Proximal Femur Using Random Forest Regression Voting. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1462-1472.	5.4	152
5	Fully Automatic System for Accurate Localisation and Analysis of Cephalometric Landmarks in Lateral Cephalograms. <i>Scientific Reports</i> , 2016, 6, 33581.	1.6	133
6	Development of a fully automatic shape model matching (FASMM) system to derive statistical shape models from radiographs: application to the accurate capture and global representation of proximal femur shape. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 1537-1544.	0.6	32
7	Investigation of Association Between Hip Osteoarthritis Susceptibility Loci and Radiographic Proximal Femur Shape. <i>Arthritis and Rheumatology</i> , 2015, 67, 2076-2084.	2.9	26
8	Statistical shape modeling of the hip and the association with hip osteoarthritis: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 607-618.	0.6	22
9	Accurate Fully Automatic Femur Segmentation in Pelvic Radiographs Using Regression Voting. <i>Lecture Notes in Computer Science</i> , 2012, 15, 353-360.	1.0	19
10	A novel semi-automated classifier of hip osteoarthritis on DXA images shows expected relationships with clinical outcomes in UK Biobank. <i>Rheumatology</i> , 2022, 61, 3586-3595.	0.9	18
11	Osteophyte size and location on hip DXA scans are associated with hip pain: Findings from a cross sectional study in UK Biobank. <i>Bone</i> , 2021, 153, 116146.	1.4	17
12	An automated workflow based on hip shape improves personalized risk prediction for hip osteoarthritis in the CHECK study. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 62-70.	0.6	15
13	Cam morphology but neither acetabular dysplasia nor pincer morphology is associated with osteophytosis throughout the hip: findings from a cross-sectional study in UK Biobank. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 1521-1529.	0.6	11
14	Accurate Bone Segmentation in 2D Radiographs Using Fully Automatic Shape Model Matching Based On Regression-Voting. <i>Lecture Notes in Computer Science</i> , 2013, 16, 181-189.	1.0	11
15	Predicting the mechanical hipâ€œkneeâ€œankle angle accurately from standard knee radiographs: a cross-validation experiment in 100 patients. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 732-737.	1.2	10
16	Increasing shape modelling accuracy by adjusting for subject positioning: An application to the analysis of radiographic proximal femur symmetry using data from the Osteoarthritis Initiative. <i>Bone</i> , 2014, 61, 64-70.	1.4	8
17	Automated Image Interpretation Using Statistical Shape Models. , 2017, , 3-32.		6
18	Deriving alpha angle from anterior-posterior dual-energy x-ray absorptiometry scans: an automated and validated approach. <i>Wellcome Open Research</i> , 0, 6, 60.	0.9	5

#	ARTICLE	IF	CITATIONS
19	A fully automatic system to assess foot collapse on lateral weight-bearing foot radiographs: A pilot study. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 213, 106507.	2.6	5
20	Automatic segmentation of carpal area bones with random forest regression voting for estimating skeletal maturity in infants. , 2014, , .		3
21	Learning-Based Shape Model Matching: Training Accurate Models with Minimal Manual Input. <i>Lecture Notes in Computer Science</i> , 2015, , 580-587.	1.0	3
22	Landmark Localisation in Radiographs Using Weighted Heatmap Displacement Voting. <i>Lecture Notes in Computer Science</i> , 2019, , 73-85.	1.0	3
23	Degrees of Guaranteed Envy-Freeness in Finite Bounded Cake-Cutting Protocols. <i>Lecture Notes in Computer Science</i> , 2009, , 149-159.	1.0	3
24	The association between adult hip morphology and hip osteoarthritis: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S260-S261.	0.6	2
25	Adaptable Landmark Localisation: Applying Model Transfer Learning to a Shape Model Matching System. <i>Lecture Notes in Computer Science</i> , 2017, , 144-151.	1.0	2
26	A Market-Affected Sealed-Bid Auction Protocol. <i>Lecture Notes in Computer Science</i> , 2010, , 193-202.	1.0	1
27	Multi-point Regression Voting for Shape Model Matching. <i>Procedia Computer Science</i> , 2016, 90, 48-53.	1.2	1
28	Perthes Disease Classification Using Shape and Appearance Modelling. <i>Lecture Notes in Computer Science</i> , 2019, , 86-98.	1.0	1
29	Fully Automatic Teeth Segmentation in Adult OPG Images. <i>Lecture Notes in Computer Science</i> , 2019, , 11-21.	1.0	1
30	THE WORLDWIDE COLLABORATION ON OSTEOARTHRITIS PREDICTION FOR THE HIP (WORLD COACH) CONSORTIUM: DESIGN AND RATIONALE OF A CONSORTIUM USING INDIVIDUAL PARTICIPANT DATA FROM PROSPECTIVE COHORT STUDIES. <i>Osteoarthritis and Cartilage</i> , 2022, 30, S253-S254.	0.6	1
31	Prediction of risk for radiographic hip osteoarthritis in subjects with early osteoarthritis of hip or knee. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S12.	0.6	0
32	Changes in bone shape are both a risk factor for and a result of hip osteoarthritis, a follow-up study in the check cohort. <i>Osteoarthritis and Cartilage</i> , 2019, 27, S320-S321.	0.6	0
33	Judgment Aggregation: Gemeinsame Urteilsfindung. , 2012, , 215-230.		0
34	Nichtkooperative Spiele: Gegeneinander spielen. , 2012, , 25-91.		0
35	Kooperative Spiele: Miteinander spielen. , 2012, , 93-118.		0
36	CAM MORPHOLOGY IS NOT CAUSALLY ASSOCIATED WITH HIP OSTEOARTHRITIS: FINDINGS FROM A MENDELIAN RANDOMISATION STUDY. <i>Osteoarthritis and Cartilage</i> , 2022, 30, S336-S337.	0.6	0

#	ARTICLE	IF	CITATIONS
37	A GENOME WIDE ASSOCIATION STUDY OF DXA-DERIVED MINIMUM JOINT SPACE WIDTH OF THE HIP PROVIDES FURTHER INSIGHTS INTO ITS GENETIC ARCHITECTURE: FINDINGS FROM UK BIOBANK. <i>Osteoarthritis and Cartilage</i> , 2022, 30, S47-S48.	0.6	0
38	The association between statistical shape modeling-defined hip morphology and features of early hip osteoarthritis in young adult football players: Data from the femoroacetabular impingement and hip osteoarthritis cohort (FORCe) study. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100275.	0.9	0