Ingela Nyström

List of Publications by Year in descending order

27	833	759233	839539
papers	citations	12	18
		h-index	g-index

28	28	28	808
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of in-house, haptic assisted surgical planning for virtual reduction of complex mandibular fractures. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1059-1068.	2.8	10
2	RayCaching: Amortized Isosurface Rendering for Virtual Reality. Computer Graphics Forum, 2020, 39, 220-230.	3.0	1
3	Correcting Exorbitism by Monobloc Frontofacial Advancement in Crouzon-Pfeiffer Syndrome: An Age-Specific, Time-Related, Controlled Study. Plastic and Reconstructive Surgery, 2019, 143, 121e-132e.	1.4	23
4	Accuracy and precision of 3 intraoral scanners and accuracy of conventional impressions: A novel in vivo analysis method. Journal of Dentistry, 2018, 69, 110-118.	4.1	165
5	Finish line distinctness and accuracy in 7 intraoral scanners versus conventional impression: an in vitro descriptive comparison. BMC Oral Health, 2018, 18, 27.	2.3	104
6	ProViz: a tool for explorative 3-D visualization and template matching in electron tomograms. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 446-454.	1.9	0
7	Fronto-facial advancement and bipartition in Crouzonâ€"Pfeiffer and Apert syndromes: Impact of fronto-facial surgery upon orbital and airway parameters in FGFR2 syndromes. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1567-1575.	1.7	31
8	Comparison of 2D radiography and a semi-automatic CT-based 3D method for measuring change in dorsal angulation over time in distal radius fractures. Skeletal Radiology, 2016, 45, 763-769.	2.0	9
9	Shape and volume of craniofacial cavities in intentional skull deformations. American Journal of Physical Anthropology, 2013, 151, 110-119.	2.1	18
10	Bias field correction using grey-weighted distance transform applied on MR volumes. , 2011, , .		0
11	Efficient computation of enclosed volume and surface area from the same triangulated surface representation. Computerized Medical Imaging and Graphics, 2011, 35, 460-471.	5.8	3
12	Defuzzification of spatial fuzzy sets by feature distance minimization. Image and Vision Computing, 2011, 29, 127-141.	4.5	13
13	A Modified Particle Swarm Optimization Applied in Image Registration. , 2010, , .		12
14	Accelerating the Computation of 3D Gradient Vector Flow Fields. , 2006, , .		1
15	Measurements of digitized objects with fuzzy borders in 2D and 3D. Image and Vision Computing, 2005, 23, 123-132.	4.5	43
16	Shape signatures of fuzzy star-shaped sets based on distance from the centroid. Pattern Recognition Letters, 2005, 26, 735-746.	4.2	21
17	SKELETONIZATION IN 3D DISCRETE BINARY IMAGES. , 2005, , 137-156.		4
18	2D grey-level skeleton computation: a discrete 3D approach. , 2004, , .		2

#	Article	IF	Citations
19	Tripeptide Interference with Human Immunodeficiency Virus Type 1 Morphogenesis. Antimicrobial Agents and Chemotherapy, 2002, 46, 3597-3605.	3.2	28
20	Curve skeletonization of surface-like objects in 3D images guided by voxel classification. Pattern Recognition Letters, 2002, 23, 1419-1426.	4.2	81
21	Skeletonization of Volumetric Vascular Imagesâ€"Distance Information Utilized for Visualization. Journal of Combinatorial Optimization, 2001, 5, 27-41.	1.3	15
22	Computing skeletons in three dimensions. Pattern Recognition, 1999, 32, 1225-1236.	8.1	155
23	On Reversible Skeletonization Using Anchor-Points from Distance Transforms. Journal of Visual Communication and Image Representation, 1999, 10, 379-397.	2.8	31
24	Efficient shape representation by minimizing the set of centres of maximal discs/spheres. Pattern Recognition Letters, 1997, 18, 465-471.	4.2	41
25	Representing volumetric vascular structures using curve skeletons. , 0, , .		2
26	Haptic guided seeding of MRA images for semi-automatic segmentation. , 0, , .		9
27	A Haptic Interaction Technique for Volume Images Based on Gradient Diffusion. , 0, , .		11