

Ryutarou Ohbuchi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

1,265
citations

18
h-index

35
g-index

54
ext. papers

1,462
ext. citations

2.5
avg, IF

4.23
L-index

#	Paper	IF	Citations
44	A Frequency-Domain Approach to Watermarking 3D Shapes. <i>Computer Graphics Forum</i> , 2002 , 21, 373-382.	2.4	144
43	A comparison of methods for non-rigid 3D shape retrieval. <i>Pattern Recognition</i> , 2013 , 46, 449-461	7.7	117
42	Watermaking three-dimensional polygonal models 1997 ,		117
41	Shape-similarity search of 3D models by using enhanced shape functions. <i>International Journal of Computer Applications in Technology</i> , 2005 , 23, 70	0.7	89
40	Merging virtual objects with the real world 1992 ,		81
39	A comparison of 3D shape retrieval methods based on a large-scale benchmark supporting multimodal queries. <i>Computer Vision and Image Understanding</i> , 2015 , 131, 1-27	4.3	75
38	A comparison of methods for sketch-based 3D shape retrieval. <i>Computer Vision and Image Understanding</i> , 2014 , 119, 57-80	4.3	65
37	Dense sampling and fast encoding for 3D model retrieval using bag-of-visual features 2009 ,		65
36	Salient local visual features for shape-based 3D model retrieval 2008 ,		63
35	Retrieving 3D shapes based on their appearance 2003 ,		59
34	Data embedding algorithms for geometrical and non-geometrical targets in three-dimensional polygonal models. <i>Computer Communications</i> , 1998 , 21, 1344-1354	5.1	52
33	2009 ,		44
32	A Frequency-Domain Approach to Watermarking 3D Shapes. <i>Computer Graphics Forum</i> , 2002 , 21, 373-382.	2.4	39
31	Ranking on Cross-Domain Manifold for Sketch-Based 3D Model Retrieval 2013 ,		31
30	Incremental volume reconstruction and rendering for 3-D ultrasound imaging 1992 , 1808, 312		27
29	Distance metric learning and feature combination for shape-based 3D model retrieval 2010 ,		22
28	Embedding data in 3D models. <i>Lecture Notes in Computer Science</i> , 1997 , 1-10	0.9	20

27	Unsupervised learning from a corpus for shape-based 3D model retrieval 2006,		19
26	Learning semantic categories for 3D model retrieval 2007,		18
25	Non-rigid 3D Model Retrieval Using Set of Local Statistical Features 2012,		14
24	Ranking on semantic manifold for shape-based 3d model retrieval 2008,		11
23	Diffusion-on-Manifold Aggregation of Local Features for Shape-based 3D Model Retrieval 2015,		10
22	Hashing Cross-Modal Manifold for Scalable Sketch-Based 3D Model Retrieval 2014,		10
21	Fusing Multiple Features for Shape-based 3D Model Retrieval 2014,		9
20	Visual Saliency Weighting and Cross-Domain Manifold Ranking for Sketch-Based Image Retrieval. <i>Lecture Notes in Computer Science, 2014, 37-49</i>	0.9	9
19	Similarity metric learning for sketch-based 3D object retrieval. <i>Multimedia Tools and Applications, 2015, 74, 10367-10392</i>	2.5	8
18	Managing CAD Data as a Multimedia Data Type Using Digital Watermarking 2002, 103-116		7
17	Lightweight Binary Voxel Shape Features for 3D Data Matching and Retrieval 2015,		6
16	Blending shapes by using subdivision surfaces. <i>Computers and Graphics, 2001, 25, 41-58</i>	1.8	6
15	Comparison of Dimension Reduction Methods for Database-Adaptive 3D Model Retrieval. <i>Lecture Notes in Computer Science, 2008, 196-210</i>	0.9	5
14	Accurate Aggregation of Local Features by using K-sparse Autoencoder for 3D Model Retrieval 2016,		5
13	Scale Adaptive Feature Pyramid Networks for 2D Object Detection. <i>Scientific Programming, 2020, 2020, 1-8</i>	1.4	3
12	Shape-Based Autotagging of 3D Models for Retrieval. <i>Lecture Notes in Computer Science, 2009, 137-148</i>	0.9	3
11	Deep semantic hashing of 3D geometric features for efficient 3D model retrieval 2017,		2
10	SHREC'08 entry: Local volumetric features for 3D model retrieval 2008,		2

9	SHape REtrieval contest 2008: Generic models 2008 ,		2
8	Densely sampled local visual features on 3D mesh for retrieval 2013 ,		1
7	2012 ,		1
6	Human-Directed Search of Three-Dimensional Mesh Models Based on Shape Similarity. <i>Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers</i> , 2003 , 57, 998-1007	○	1
5	Convolution on Rotation-Invariant and Multi-Scale Feature Graph for 3D Point Set Segmentation. <i>IEEE Access</i> , 2020 , 8, 140250-140260	3.5	1
4	Transcoding across 3D shape representations for unsupervised learning of 3D shape feature. <i>Pattern Recognition Letters</i> , 2020 , 138, 146-154	4.7	○
3	Feature set aggregator: unsupervised representation learning of sets for their comparison. <i>Multimedia Tools and Applications</i> , 2019 , 78, 35157-35178	2.5	
2	Overview of AI Application-Oriented Parallel Processing Research in Japan. <i>Kluwer International Series in Engineering and Computer Science</i> , 1988 , 247-260		
1	. <i>Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers</i> , 2010 , 64, 967-972	○	