

Maks Ovsjanikov

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,701
citations

623574

14
h-index

752573

20
g-index

27
all docs

27
docs citations

27
times ranked

1206
citing authors

#	ARTICLE	IF	CITATIONS
1	A Concise and Provably Informative Multi-scale Signature Based on Heat Diffusion. Computer Graphics Forum, 2009, 28, 1383-1392.	1.8	1,028
2	Functional maps. ACM Transactions on Graphics, 2012, 31, 1-11.	4.9	445
3	One Point Isometric Matching with the Heat Kernel. Computer Graphics Forum, 2010, 29, 1555-1564.	1.8	222
4	<sc>PointCleanNet</sc>: Learning to Denoise and Remove Outliers from Dense Point Clouds. Computer Graphics Forum, 2020, 39, 185-203.	1.8	139
5	Map-based exploration of intrinsic shape differences and variability. ACM Transactions on Graphics, 2013, 32, 1-12.	4.9	102
6	Continuous and orientation-preserving correspondences via functional maps. ACM Transactions on Graphics, 2018, 37, 1-16.	4.9	86
7	ZoomOut. ACM Transactions on Graphics, 2019, 38, 1-14.	4.9	82
8	Deep Geometric Functional Maps: Robust Feature Learning for Shape Correspondence. , 2020, , .		70
9	Informative Descriptor Preservation via Commutativity for Shape Matching. Computer Graphics Forum, 2017, 36, 259-267.	1.8	68
10	Unsupervised Deep Learning for Structured Shape Matching. , 2019, , .		59
11	Multi-directional geodesic neural networks via equivariant convolution. ACM Transactions on Graphics, 2018, 37, 1-14.	4.9	55
12	DiffusionNet: Discretization Agnostic Learning on Surfaces. ACM Transactions on Graphics, 2022, 41, 1-16.	4.9	47
13	Topological Function Optimization for Continuous Shape Matching. Computer Graphics Forum, 2018, 37, 13-25.	1.8	34
14	Improved Functional Mappings via Product Preservation. Computer Graphics Forum, 2018, 37, 179-190.	1.8	34
15	Computing and processing correspondences with functional maps. , 2017, , .		33
16	Computing and processing correspondences with functional maps. , 2016, , .		30
17	Fast Sinkhorn Filters: Using Matrix Scaling for Non-Rigid Shape Correspondence with Functional Maps. , 2021, , .		27
18	Adjoint Map Representation for Shape Analysis and Matching. Computer Graphics Forum, 2017, 36, 151-163.	1.8	26

#	ARTICLE	IF	CITATIONS
19	DPFM: Deep Partial Functional Maps. , 2021, , .		23
20	Structured Regularization of Functional Map Computations. Computer Graphics Forum, 2019, 38, 39-53.	1.8	19
21	Discrete Time Evolution Process Descriptor for Shape Analysis and Matching. ACM Transactions on Graphics, 2018, 37, 1-18.	4.9	14
22	Discrete Optimization for Shape Matching. Computer Graphics Forum, 2021, 40, 81-96.	1.8	14
23	Learning Delaunay Surface Elements for Mesh Reconstruction. , 2021, , .		14
24	PointTriNet: Learned Triangulation of 3D Point Sets. Lecture Notes in Computer Science, 2020, , 762-778.	1.0	13
25	Wavelet-based Heat Kernel Derivatives: Towards Informative Localized Shape Analysis. Computer Graphics Forum, 2021, 40, 165-179.	1.8	7
26	Orthogonalized Fourier Polynomials for Signal Approximation and Transfer. Computer Graphics Forum, 2021, 40, 435-447.	1.8	5
27	Differentiable surface triangulation. ACM Transactions on Graphics, 2021, 40, 1-13.	4.9	5