Yong Tsui Lee

List of Publications by Year
in descending order

19 papers	**540** citations	933447 **10** h-index	940533 **16** g-index
19 all docs	**19** docs citations	**19** times ranked	**214** citing authors

#	Article	IF	Citations
1	Algorithms for computing the volume and other integral properties of solids. I. known methods and open issues. Communications of the ACM, 1982, 25, 635-641.	4.5	146
2	Algorithms for computing the volume and other integral properties of solids. II. A family of algorithms based on representation conversion and cellular approximation. Communications of the ACM, 1982, 25, 642-650.	4.5	84
3	Graph-based method for face identification from a single 2D line drawing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2001, 23, 1106-1119.	13.9	76
4	Identifying faces in a 2D line drawing representing a manifold object. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 1579-1593.	13.9	50
5	Semi-CNN Architecture for Effective Spatio-Temporal Learning in Action Recognition. Applied Sciences (Switzerland), 2020, 10, 557.	2.5	34
6	Thermal analysis of layer formation in a stepless rapid prototyping process. Applied Thermal Engineering, 2004, 24, 255-268.	6.0	31
7	3D reconstruction of polyhedral objects from single parallel projections using cubic corner. CAD Computer Aided Design, 2011, 43, 1025-1034.	2.7	29
8	A new hybrid method for 3D object recovery from 2D drawings and its validation against the cubic corner method and the optimisation-based method. CAD Computer Aided Design, 2012, 44, 1090-1102.	2.7	16
9	Modeling and dynamics simulation for deformable objects of orthotropic materials. Visual Computer, 2017, 33, 1307-1318.	3.5	11
10	Deformable volumetric model and isosurface: Exploring a new approach for surface boundary construction. Computers and Graphics, 1996, 20, 33-40.	2.5	10
11	Topological analysis of a single line drawing for 3D shape recovery. , 2004, , .		9
12	3D reconstruction of polyhedral objects from single perspective projections using cubic corner. 3D Research, 2012, 3, 1.	1.8	9
13	A Search-and-Validate Method for Face Identification from Single Line Drawings. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2576-2591.	13.9	9
14	Skewed rotational symmetry detection from a 2D line drawing of a 3D polyhedral object. CAD Computer Aided Design, 2006, 38, 1224-1232.	2.7	8
15	Optimization-based freeform shape reconstruction. 3D Research, 2012, 3, 1.	1.8	6
16	Efficient decomposition of line drawings of connected manifolds without face identification. CAD Computer Aided Design, 2014, 51, 18-30.	2.7	5
17	Identification of faces in line drawings by edge decomposition. Pattern Recognition, 2015, 48, 3825-3842.	8.1	4
18	3D reconstruction from drawings with straight and curved edges. , 2013, , .		2

#	Article	IF	Citations
19	Visual Analysis with Dynamic Geometric Complementarity and Physicochemical Matching in Protein Docking. , 2014, , .		1