# Kui Jia

## List of Publications by Year
in descending order

| | |
|---|---|
| 26 papers | 1,127 citations |
| 1040056 9 h-index | 1058476 14 g-index |
| 26 all docs | 26 docs citations |
| 26 times ranked | 794 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Frustum ConvNet: Sliding Frustums to Aggregate Local Point-Wise Features for Amodal 3D Object Detection. , 2019, , . | | 287 |
| 2 | A Joint Intrinsic-Extrinsic Prior Model for Retinex. , 2017, , . | | 172 |
| 3 | Unsupervised Domain Adaptation via Structurally Regularized Deep Clustering. , 2020, , . | | 140 |
| 4 | Deep Mesh Reconstruction From Single RGB Images via Topology Modification Networks. , 2019, , . | | 103 |
| 5 | PARN: Position-Aware Relation Networks for Few-Shot Learning. , 2019, , . | | 70 |
| 6 | A Skeleton-Bridged Deep Learning Approach for Generating Meshes of Complex Topologies From Single RGB Images. , 2019, , . | | 52 |
| 7 | Improving Training of Deep Neural Networks via Singular Value Bounding. , 2017, , . | | 41 |
| 8 | Geometry-Aware Generation of Adversarial Point Clouds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2984-2999. | 13.9 | 31 |
| 9 | Geometry-Aware Self-Training for Unsupervised Domain Adaptation on Object Point Clouds. , 2021, , . | | 26 |
| 10 | Deep Multi-View Learning Using Neuron-Wise Correlation-Maximizing Regularizers. IEEE Transactions on Image Processing, 2019, 28, 5121-5134. | 9.8 | 24 |
| 11 | Canonical Correlation Analysis Regularization: An Effective Deep Multiview Learning Baseline for RGB-D Object Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 107-118. | 3.8 | 24 |
| 12 | Orthogonal Deep Neural Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1352-1368. | 13.9 | 24 |
| 13 | Part-Aware Fine-Grained Object Categorization Using Weakly Supervised Part Detection Network. IEEE Transactions on Multimedia, 2020, 22, 1345-1357. | 7.2 | 20 |
| 14 | Deep Cascade Generation on Point Sets. , 2019, , . | | 15 |
| 15 | Learning Parallel Dense Correspondence from Spatio-Temporal Descriptors for Efficient and Robust 4D Reconstruction. , 2021, , . | | 13 |
| 16 | Residual MeshNet: Learning to Deform Meshes for Single-View 3D Reconstruction. , 2018, , . | | 12 |
| 17 | Towards Uncovering the Intrinsic Data Structures for Unsupervised Domain Adaptation Using Structurally Regularized Deep Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 6517-6533. | 13.9 | 12 |
| 18 | Hierarchical Image Segmentation Ensemble for Objectness in RGB-D Images. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 93-103. | 8.3 | 11 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Vicinal and categorical domain adaptation. Pattern Recognition, 2021, 115, 107907. | 8.1 | 11 |
| 20 | Improving Semantic Analysis on Point Clouds via Auxiliary Supervision of Local Geometric Priors. IEEE Transactions on Cybernetics, 2022, 52, 4949-4959. | 9.5 | 11 |
| 21 | Spectral attribute learning for visual regression. Pattern Recognition, 2017, 66, 74-81. | 8.1 | 7 |
| 22 | Content-aware convolutional neural networks. Neural Networks, 2021, 143, 657-668. | 5.9 | 6 |
| 23 | HEMlets PoSh: Learning Part-Centric Heatmap Triplets for 3D Human Pose and Shape Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3000-3014. | 13.9 | 5 |
| 24 | Efficient 3D Visual Perception for Robotic Rock Breaking. , 2019, , . | | 4 |
| 25 | Knowledge transferred adaptive filter pruning for CNN compression and acceleration. Science China Information Sciences, 2022, 65, 1. | 4.3 | 4 |
| 26 | Learning and Meshing From Deep Implicit Surface Networks Using an Efficient Implementation of Analytic Marching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 10068-10086. | 13.9 | 2 |