

Research Evolution Timeline (2010–2024)

Foundation
2010–2015

Two-Stage
Segmentation

Variational Methods | Mumford-Shah | ROF

Expansion
2016–2019

3D Tree
Analysis

Medical Imaging | 3D Vision | Bayesian Methods

Innovation
2020–2022

Few-Shot
Learning

Deep Learning | Neural Networks | Few-Shot Learning

Neural
Vanilla

2023-24

LLM | Multimodal | XAI | Diffusion Models

Talk2Radar
tCURLoRA

2010 2012 2014 2016 2018 2020 2022 2024

Year