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Title	T or M or M	GitHub Stars
Next-Generation Calcium Imaging Analysis Methods	Method	1648
Human Neocortical Neurosolver	Model	474
Embedded Ensemble Encoding	Theory	256
Uncovering Population-Level Cellular Relationships to Behavior via Mesoscale Networks	Model	58
Data-driven analysis for neuronal dynamic modeling	Method	56
Methods from Computational Topology and Geometry for Analyzing Neuronal Tree and Graph Data	Method	55
Measuring, Modeling, and Modulating Cross-Frequency Coupling	Model	52
Modeling the structure-function relation in a reconstructed cortical tissue	Model	46
Real-time statistical algorithms for controlling neural dynamics and behavior	Method	33

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Repository	Purpose	Stars	Watchers
https://github.com/flaticoninstitute/CalmAn	Computational toolbox for large-scale Ca ²⁺ imaging analysis	540	50
https://github.com/flaticoninstitute/CalmAn-MATLAB	Matlab pipeline for large scale Calcium imaging analysis	236	60
https://github.com/zhoupc/CNMF_E	Constrained Non-negative Matrix Factorization for MicroEndoscopic data	128	53