List of Publications

1. **Suraj Srinivas**, Kyle Matoba, Hima Lakkaraju, François Fleuret. "Efficient Training of Low-Curvature Neural Networks", Neural Information Processing Systems (NeurIPS), 2022

2. Tessa Han, **Suraj Srinivas**, Hima Lakkaraju, "Which Explanation Should I Choose? A Function Approximation Perspective to Characterizing Post hoc Explanations", Neural Information Processing Systems (NeurIPS), 2022

3. Marwa El Halabi, **Suraj Srinivas**, Simon Lacoste-Julien. "Data-Efficient Structured Pruning via Submodular Optimization", Neural Information Processing Systems (NeurIPS), 2022

4. **Suraj Srinivas**, Andrey Kuzmin, Markus Nagel, Mart van Baalen, Andrii Skliar, Tijmen Blankevoort. "Cyclical Pruning for Sparse Neural Networks", Computer Vision and Pattern Recognition Workshops (CVPRW), 2022

5. **Suraj Srinivas**, François Fleuret. "Rethinking the Role of Gradient-based Attribution Methods in Model Interpretability", International Conference on Learning Representations (ICLR), 2021

6. **Suraj Srinivas**, François Fleuret. "Full-Gradient Representation for Neural Network Visualization", Neural Information Processing System (NeurIPS), 2019

7. **Suraj Srinivas**, François Fleuret. "Knowledge Transfer with Jacobian Matching", International Conference on Machine Learning (ICML), 2018

8. Akshayvarun Subramanya, **Suraj Srinivas**, R Venkatesh Babu, "Estimating Confidence for Deep Neural Networks through Density modeling", International Conference on Signal Processing and Communications (SPCOM), 2018

9. **Suraj Srinivas**, Akshayvarun Subramanya, R. Venkatesh Babu. "Training Sparse Neural Networks", Computer Vision and Pattern Recognition Workshops (CVPRW), 2017

10. **Suraj Srinivas**, Ravi Kiran Sarvadevabhatla, Konda Reddy Mopuri, Nikita Prabhu, Srinivas SS Kruthiventi, R Venkatesh Babu. "A taxonomy of deep convolutional neural nets for computer vision", Frontiers in Robotics and AI

11. **Suraj Srinivas**, R. Venkatesh Babu. "Learning the Architecture of Deep Neural Networks", British Machine Vision Conference (BMVC), 2016

12. **Suraj Srinivas**, R. Venkatesh Babu. "Data-free Parameter Pruning for Deep Neural Networks", British Machine Vision Conference (BMVC), 2015