

# Samy Wu Fung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3796954/publications.pdf>

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12  
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12  
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76  
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning framework for solving high-dimensional mean field game and mean field control problems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9183-9193.	3.3	82
2	Alternating the population and control neural networks to solve high-dimensional stochastic mean-field games. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
3	A multiscale method for model order reduction in PDE parameter estimation. Journal of Computational and Applied Mathematics, 2019, 350, 19-34.	1.1	9
4	Multigrid Optimization for Large-Scale Ptychographic Phase Retrieval. SIAM Journal on Imaging Sciences, 2020, 13, 214-233.	1.3	9
5	A Neural Network Approach for High-Dimensional Optimal Control Applied to Multiagent Path Finding. IEEE Transactions on Control Systems Technology, 2023, 31, 235-251.	3.2	9
6	An Uncertainty-Weighted Asynchronous ADMM Method for Parallel PDE Parameter Estimation. SIAM Journal of Scientific Computing, 2019, 41, S129-S148.	1.3	7
7	Feasibility-based fixed point networks. Fixed Point Theory and Algorithms for Sciences and Engineering, 2021, 2021, .	0.2	7
8	ADMM-Softmax: an ADMM approach for multinomial logistic regression. Electronic Transactions on Numerical Analysis, 0, 52, 214-229.	0.0	6
9	A Neural Network Approach Applied to Multi-Agent Optimal Control. , 2021, , .		4
10	Wasserstein-Based Projections with Applications to Inverse Problems. SIAM Journal on Mathematics of Data Science, 2022, 4, 581-603.	1.0	4
11	Random features for high-dimensional nonlocal mean-field games. Journal of Computational Physics, 2022, 459, 111136.	1.9	3
12	PNKH-B: A Projected Newton-Krylov Method for Large-Scale Bound-Constrained Optimization. SIAM Journal of Scientific Computing, 2021, 43, S704-S726.	1.3	2