# Le Song

## List of Publications by Year
in descending order

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|---|---|---|---|
| **13**<br>papers | **1,597**<br>citations | 1040056<br>**9**<br>h-index | 1372567<br>**10**<br>g-index |
| **13**<br>all docs | **13**<br>docs citations | **13**<br>times ranked | **1774**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | GRNUlar: A Deep Learning Framework for Recovering Single-Cell Gene Regulatory Networks. Journal of Computational Biology, 2022, 29, 27-44. | 1.6 | 9 |
| 2 | Emerging materials intelligence ecosystems propelled by machine learning. Nature Reviews Materials, 2021, 6, 655-678. | 48.7 | 138 |
| 3 | Universal machine learning for topology optimization. Computer Methods in Applied Mechanics and Engineering, 2021, 375, 112739. | 6.6 | 63 |
| 4 | Point Process Estimation with Mirror Prox Algorithms. Applied Mathematics and Optimization, 2020, 82, 919-947. | 1.6 | 0 |
| 5 | Polymers for Extreme Conditions Designed Using Syntax-Directed Variational Autoencoders. Chemistry of Materials, 2020, 32, 10489-10500. | 6.7 | 43 |
| 6 | Learning Time Series Associated Event Sequences With Recurrent Point Process Networks. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3124-3136. | 11.3 | 53 |
| 7 | Material structure-property linkages using three-dimensional convolutional neural networks. Acta Materialia, 2018, 146, 76-84. | 7.9 | 214 |
| 8 | Recurrent Marked Temporal Point Processes. , 2016, , . | | 301 |
| 9 | Constructing Disease Network and Temporal Progression Model via Context-Sensitive Hawkes Process. , 2015, , . | | 50 |
| 10 | Kernel Embeddings of Conditional Distributions: A Unified Kernel Framework for Nonparametric Inference in Graphical Models. IEEE Signal Processing Magazine, 2013, 30, 98-111. | 5.6 | 110 |
| 11 | A Polymorphism of the MAOA Gene is Associated with Emotional Brain Markers and Personality Traits on an Antisocial Index. Neuropsychopharmacology, 2009, 34, 1797-1809. | 5.4 | 74 |
| 12 | A Hilbert Space Embedding for Distributions. Lecture Notes in Computer Science, 2007, , 13-31. | 1.3 | 318 |
| 13 | The â€˜whenâ€™ and â€˜whereâ€™ of perceiving signals of threat versus non-threat. NeuroImage, 2006, 31, 458-467. | | 224 |