

# Gianluca Gazzola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6370251/publications.pdf>

Version: 2024-02-01

13  
papers

228  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

261  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Coping with complexity: Machine learning optimization of cell-free protein synthesis. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2218-2228.   | 3.3 | 65        |
| 2  | Inter-cluster connectivity analysis for technology opportunity discovery. <i>Scientometrics</i> , 2014, 98, 1811-1825.                                  | 3.0 | 32        |
| 3  | High-Throughput Optimization Cycle of a Cell-Free Ribosome Assembly and Protein Synthesis System. <i>ACS Synthetic Biology</i> , 2018, 7, 2841-2853.    | 3.8 | 32        |
| 4  | Two-phase edge outlier detection method for technology opportunity discovery. <i>Scientometrics</i> , 2017, 113, 1-16.                                  | 3.0 | 30        |
| 5  | Automated Discovery of Novel Drug Formulations Using Predictive Iterated High Throughput Experimentation. <i>PLoS ONE</i> , 2010, 5, e8546.             | 2.5 | 28        |
| 6  | Integrated Variable Importance Assessment in Multi-Stage Processes. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2018, 31, 343-355.        | 1.7 | 10        |
| 7  | Dependence-biased clustering for variable selection with random forests. <i>Pattern Recognition</i> , 2019, 96, 106980.                                 | 8.1 | 9         |
| 8  | Efficient discovery and optimization of complex high-throughput experiments. <i>Catalysis Today</i> , 2011, 159, 55-63.                                 | 4.4 | 7         |
| 9  | Evolutionary Design of a DDPD Model of Ligation. <i>Lecture Notes in Computer Science</i> , 2006, , 201-212.  | 1.3 | 6         |
| 10 | Catalysis by Self-Assembled Structures in Emergent Reaction Networks. , 2007, , 876-885.  |     | 3         |
| 11 | Detecting Anomalies in National Bridge Inventory Databases Using Machine Learning Methods. <i>Transportation Research Record</i> , 2022, 2676, 453-467. | 1.9 | 3         |
| 12 | Chapter 4 Evolutionary Design of a Model of Self-Assembling Chemical Structures. <i>Studies in Multidisciplinarity</i> , 2008, , 79-100.                | 0.0 | 2         |
| 13 | Support vector regression for polyhedral and missing data. <i>Annals of Operations Research</i> , 2021, 303, 483-506.                                   | 4.1 | 1         |