

# Vojtěch Uher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5972771/publications.pdf>

Version: 2024-02-01

15  
papers

91  
citations

1937685

4  
h-index

1872680

6  
g-index

16  
all docs

16  
docs citations

16  
times ranked

62  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A parallel Fruchterman-Reingold algorithm optimized for fast visualization of large graphs and swarms of data. Swarm and Evolutionary Computation, 2016, 26, 56-63.  | 8.1  | 30        |
| 2  | Hierarchical Hexagonal Clustering and Indexing. Symmetry, 2019, 11, 731.   | 2.2  | 16        |
| 3  | Utilization of the Discrete Differential Evolution for Optimization in Multidimensional Point Clouds. Computational Intelligence and Neuroscience, 2016, 2016, 1-14. | 1.7  | 9         |
| 4  | Classification with Extreme Learning Machine on GPU. , 2015, , .   |      | 7         |
| 5  | Novel Random Key Encoding Schemes for the Differential Evolution of Permutation Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 43-57.            | 10.0 | 7         |
| 6  | Solving nearest neighbors problem on GPU to speed up the Fruchterman-Reingold graph layout algorithm. , 2015, , .  |      | 6         |
| 7  | Application of Hexagonal Coordinate Systems for Searching the K-NN in 2D Space. Advances in Intelligent Systems and Computing, 2016, , 209-220.                      | 0.6  | 4         |
| 8  | The Visualization of Large Graphs Accelerated by the Parallel Nearest Neighbors Algorithm. , 2016, , .   |      | 3         |
| 9  | Towards the Gosper Space Filling Curve Implementation. , 2017, , .   |      | 3         |
| 10 | Proposal of Effective Orthogonal and Hexagonal Hierarchical Structures for Disc Queries. , 2018, , .   |      | 3         |
| 11 | A proposal of hierarchical vertex clustering based on the Gosper curve. , 2016, , .  |      | 2         |
| 12 | Automation of cleaning and ensembles for outliers detection in questionnaire data. Expert Systems With Applications, 2022, 206, 117809.                              | 7.6  | 1         |
| 13 | A Hybrid Point Indexing Structure Based on Orthogonal and Hexagonal Grids. , 2019, , .   |      | 0         |
| 14 | Improving the Speed and Quality of Extreme Learning Machine by Conjugate Gradient Method. Advances in Intelligent Systems and Computing, 2018, , 128-137.            | 0.6  | 0         |
| 15 | Lehmer Encoding for Evolutionary Algorithms on Traveling Salesman Problem. , 2022, , .   |      | 0         |