

# Petra Vidnerová

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9038351/publications.pdf>

Version: 2024-02-01

29  
papers

185  
citations

1684188

5  
h-index

1199594

12  
g-index

36  
all docs

36  
docs citations

36  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning methods for radial basis function networks. Future Generation Computer Systems, 2005, 21, 1131-1142.	7.5	65
2	Vulnerability of classifiers to evolutionary generated adversarial examples. Neural Networks, 2020, 127, 168-181.	5.9	24
3	Evolving KERAS Architectures for Sensor Data Analysis. , 0, , .		17
4	Clustering Genetic Algorithm. , 2007, , .		15
5	Sensor Data Air Pollution Prediction by Kernel Models. , 2016, , .		7
6	Comparison of behavior-based and planning techniques on the small robot maze exploration problem. Neural Networks, 2010, 23, 560-567.	5.9	6
7	Deep Networks with RBF Layers to Prevent Adversarial Examples. Lecture Notes in Computer Science, 2018, , 257-266.	1.3	6
8	Sum and Product Kernel Regularization Networks. Lecture Notes in Computer Science, 2006, , 56-65.	1.3	5
9	Evolving Sum and Composite Kernel Functions for Regularization Networks. Lecture Notes in Computer Science, 2011, , 180-189.	1.3	4
10	Effective Automatic Method Selection for Nonlinear Regression Modeling. International Journal of Neural Systems, 2021, 31, 2150020.	5.2	3
11	Robust Training of Radial Basis Function Neural Networks. Lecture Notes in Computer Science, 2019, , 113-124.	1.3	3
12	Multi-objective Evolution for Deep Neural Network Architecture Search. Lecture Notes in Computer Science, 2020, , 270-281.	1.3	3
13	Evolutionary trained radial basis function networks for robot control. , 2008, , .		2
14	Supervised Learning Errors by Radial Basis Function Neural Networks and Regularization Networks. , 2008, , .		2
15	Performance Comparison of Relational Reinforcement Learning and RBF Neural Networks for Small Mobile Robots. , 2008, , .		2
16	Evolutionary learning of regularization networks with product kernel units. , 2011, , .		2
17	Hitoshi Iba: Evolutionary approach to machine learning and deep neural networks: neuro-evolution and gene regulatory networks. Genetic Programming and Evolvable Machines, 2019, 20, 151-153.	2.2	2
18	On Robust Training of Regression Neural Networks. Contributions To Statistics, 2020, , 145-152.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Importance of vaccine action and availability and epidemic severity for delaying the second vaccine dose. <i>Scientific Reports</i> , 2022, 12, 7638.	3.3	2
20	Rule-Based Analysis of Behaviour Learned by Evolutionary and Reinforcement Algorithms. <i>Lecture Notes in Computer Science</i> , 2008, , 284-291.	1.3	1
21	Testing Error Estimates for Regularization and Radial Function Networks. <i>Lecture Notes in Computer Science</i> , 2008, , 549-554.	1.3	1
22	Air Pollution Modelling by Machine Learning Methods. <i>Modelling</i> , 2021, 2, 659-674.	1.4	1
23	A Comparison of Trend Estimators Under Heteroscedasticity. <i>Lecture Notes in Computer Science</i> , 2021, , 89-98.	1.3	0
24	Kernel Based Learning Methods: Regularization Networks and RBF Networks. <i>Lecture Notes in Computer Science</i> , 2005, , 124-136.	1.3	0
25	Memetic Evolutionary Learning for Local Unit Networks. <i>Lecture Notes in Computer Science</i> , 2010, , 534-541.	1.3	0
26	Evolutionary Learning of Regularization Networks with Multi-kernel Units. <i>Lecture Notes in Computer Science</i> , 2011, , 538-546.	1.3	0
27	Product Multi-kernels for Sensor Data Analysis. <i>Lecture Notes in Computer Science</i> , 2015, , 123-133.	1.3	0
28	Multiobjective Evolution for Convolutional Neural Network Architecture Search. <i>Lecture Notes in Computer Science</i> , 2020, , 261-270.	1.3	0
29	A Metalearning Study for Robust Nonlinear Regression. <i>Proceedings of the International Neural Networks Society</i> , 2020, , 499-510.	0.6	0