

# Charlie Vanaret

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2936904/publications.pdf>

Version: 2024-02-01

18  
papers

177  
citations

1684188

5  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision support for the development, simulation and optimization of dynamic process models. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 210-220.	4.4	8
2	Two-phase approaches to optimal model-based design of experiments: how many experiments and which ones?. <i>Computers and Chemical Engineering</i> , 2021, 146, 107218.	3.8	7
3	Implementation and Application of Model-Based Design of Experiments in a Flowsheet Simulator. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 1135-1145.	1.9	11
4	A survey of nonlinear robust optimization. <i>Infor</i> , 2020, 58, 342-373.	0.6	13
5	An augmented Lagrangian filter method. <i>Mathematical Methods of Operations Research</i> , 2020, 92, 343-376.	1.0	1
6	A Two-Phase Approach for Model-Based Design of Experiments Applied in Chemical Engineering. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2020, , 513-519.	0.1	0
7	Industrial Application of an Advanced Bi-level MDO Formulation to Aircraft Engine Pylon Optimization. , 2019, , .		7
8	GEMS: A Python Library for Automation of Multidisciplinary Design Optimization Process Generation. , 2018, , .		29
9	On the Consequences of the "No Free Lunch" Theorem for Optimization on the Choice of an Appropriate MDO Architecture. , 2017, , .		7
10	Towards the Industrialization of New MDO Methodologies and Tools for Aircraft Design. , 2017, , .		14
11	Applications to Air Traffic Management. , 2016, , 439-484.		0
12	Hybridization of Interval CP and Evolutionary Algorithms for Optimizing Difficult Problems. <i>Lecture Notes in Computer Science</i> , 2015, , 446-462.	1.3	2
13	Windmill farm pattern optimization using evolutionary algorithms. , 2014, , .		0
14	Online and interactive self-adaptive learning of user profile using incremental evolutionary algorithms. <i>Evolving Systems</i> , 2014, 5, 143-157.	3.9	6
15	GT2FC: An Online Growing Interval Type-2 Self-Learning Fuzzy Classifier. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 999-1018.	9.8	45
16	Preventing Premature Convergence and Proving the Optimality in Evolutionary Algorithms. <i>Lecture Notes in Computer Science</i> , 2014, , 29-40.	1.3	4
17	Incremental Learning Based on Growing Gaussian Mixture Models. , 2011, , .		23
18	(The Final) Countdown. , 0, , .		0