

# Thomas Beckers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8003349/publications.pdf>

Version: 2024-02-01

16  
papers

220  
citations

1937685

4  
h-index

2272923

4  
g-index

16  
all docs

16  
docs citations

16  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction With Approximated Gaussian Process Dynamical Models. IEEE Transactions on Automatic Control, 2022, 67, 6460-6473.	5.7	6
2	Online Learning-Based Trajectory Tracking for Underactuated Vehicles With Uncertain Dynamics. , 2022, 6, 2090-2095.		4
3	Gaussian process-based visual pursuit control with unknown target motion learning in three dimensions. SICE Journal of Control Measurement and System Integration, 2021, 14, 116-127.	0.7	7
4	Online Learning-based Formation Control of Multi-Agent Systems with Gaussian Processes. , 2021, , .		1
5	Cooperative Visual Pursuit Control with Learning of Position Dependent Target Motion via Gaussian Process. , 2021, , .		2
6	Visual Pursuit Control with Target Motion Learning via Gaussian Process. , 2020, , .		4
7	Stable Gaussian process based tracking control of Euler-Lagrange systems. Automatica, 2019, 103, 390-397.	5.0	75
8	Closed-loop Model Selection for Kernel-based Models using Bayesian Optimization. , 2019, , .		2
9	Gaussian Process based Passivation of a Class of Nonlinear Systems with Unknown Dynamics. , 2018, , .		1
10	Mean Square Prediction Error of Misspecified Gaussian Process Models. , 2018, , .		11
11	Scenario-based Optimal Control for Gaussian Process State Space Models. , 2018, , .		12
12	Stable Model-based Control with Gaussian Process Regression for Robot Manipulators. IFAC-PapersOnLine, 2017, 50, 3877-3884.	0.9	12
13	Stable Gaussian process based tracking control of Lagrangian systems. , 2017, , .		18
14	Feedback linearization using Gaussian processes. , 2017, , .		35
15	Equilibrium distributions and stability analysis of Gaussian Process State Space Models. , 2016, , .		12
16	Stability of Gaussian process state space models. , 2016, , .		18