

Sergey Levine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/844191/publications.pdf>

Version: 2024-02-01

31
papers

2,616
citations

1307594

7
h-index

1588992

8
g-index

31
all docs

31
docs citations

31
times ranked

2135
citing authors

#	ARTICLE	IF	CITATIONS
1	LaND: Learning to Navigate From Disengagements. IEEE Robotics and Automation Letters, 2021, 6, 1872-1879.	5.1	21
2	BADGR: An Autonomous Self-Supervised Learning-Based Navigation System. IEEE Robotics and Automation Letters, 2021, 6, 1312-1319.	5.1	103
3	Deep reinforcement learning for modeling human locomotion control in neuromechanical simulation. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 126.	4.6	45
4	OmniTact: A Multi-Directional High-Resolution Touch Sensor. , 2020, , .		51
5	Safety Augmented Value Estimation From Demonstrations (SAVED): Safe Deep Model-Based RL for Sparse Cost Robotic Tasks. IEEE Robotics and Automation Letters, 2020, 5, 3612-3619.	5.1	33
6	Learning Predictive Models from Observation and Interaction. Lecture Notes in Computer Science, 2020, , 708-725.	1.3	4
7	Low-Level Control of a Quadrotor With Deep Model-Based Reinforcement Learning. IEEE Robotics and Automation Letters, 2019, 4, 4224-4230.	5.1	93
8	One-Shot Composition of Vision-Based Skills from Demonstration. , 2019, , .		3
9	Learning Flexible and Reusable Locomotion Primitives for a Microrobot. IEEE Robotics and Automation Letters, 2018, 3, 1904-1911.	5.1	20
10	Imitation from Observation: Learning to Imitate Behaviors from Raw Video via Context Translation. , 2018, , .		99
11	Self-Supervised Deep Reinforcement Learning with Generalized Computation Graphs for Robot Navigation. , 2018, , .		154
12	Deep Object-Centric Representations for Generalizable Robot Learning. , 2018, , .		33
13	More Than a Feeling: Learning to Grasp and Regrasp Using Vision and Touch. IEEE Robotics and Automation Letters, 2018, 3, 3300-3307.	5.1	193
14	Deep visual foresight for planning robot motion. , 2017, , .		292
15	Reset-free guided policy search: Efficient deep reinforcement learning with stochastic initial states. , 2017, , .		16
16	Deep reinforcement learning for tensegrity robot locomotion. , 2017, , .		50
17	Learning deep control policies for autonomous aerial vehicles with MPC-guided policy search. , 2016, , .		236
18	Model-based reinforcement learning with parametrized physical models and optimism-driven exploration. , 2016, , .		17

#	ARTICLE	IF	CITATIONS
19	Learning dexterous manipulation for a soft robotic hand from human demonstrations. , 2016, , .		91
20	One-shot learning of manipulation skills with online dynamics adaptation and neural network priors. , 2016, , .		54
21	Deep spatial autoencoders for visuomotor learning. , 2016, , .		205
22	Optimal control with learned local models: Application to dexterous manipulation. , 2016, , .		100
23	Learning deep neural network policies with continuous memory states. , 2016, , .		40
24	Optimism-driven exploration for nonlinear systems. , 2015, , .		15
25	Learning from multiple demonstrations using trajectory-aware non-rigid registration with applications to deformable object manipulation. , 2015, , .		15
26	Learning compound multi-step controllers under unknown dynamics. , 2015, , .		12
27	Learning force-based manipulation of deformable objects from multiple demonstrations. , 2015, , .		83
28	Learning contact-rich manipulation skills with guided policy search. , 2015, , .		161
29	CAD2RL: Real Single-Image Flight Without a Single Real Image. , 0, , .		227
30	One-Shot Imitation from Observing Humans via Domain-Adaptive Meta-Learning. , 0, , .		121
31	Improvisation through Physical Understanding: Using Novel Objects As Tools with Visual Foresight. , 0, , .		29