Jonathan Grizou

List of Publications by Year
in descending order

15 papers	467 citations	1040056 9 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	621 citing authors

#	Article	IF	Citations
1	Human versus Robots in the Discovery and Crystallization of Gigantic Polyoxometalates. Angewandte Chemie - International Edition, 2017, 56, 10815-10820.	13.8	94
2	A nanomaterials discovery robot for the Darwinian evolution of shape programmable gold nanoparticles. Nature Communications, 2020, 11, 2771.	12.8	74
3	Multimodal conversational interaction with a humanoid robot. , 2012, , .		38
4	Learning Legible Motion from Human–Robot Interactions. International Journal of Social Robotics, 2017, 9, 765-779.	4.6	33
5	A curious formulation robot enables the discovery of a novel protocell behavior. Science Advances, 2020, 6, eaay4237.	10.3	33
6	Artificial intelligence exploration of unstable protocells leads to predictable properties and discovery of collective behavior. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 885-890.	7.1	32
7	Facilitating intention prediction for humans by optimizing robot motions. , 2015, , .		28
8	Adaptive artificial evolution of droplet protocells in a 3D-printed fluidic chemorobotic platform with configurable environments. Nature Communications, 2017, 8, 1144.	12.8	25
9	Human versus Robots in the Discovery and Crystallization of Gigantic Polyoxometalates. Angewandte Chemie, 2017, 129, 10955-10960.	2.0	25
10	Intuition-Enabled Machine Learning Beats the Competition When Joint Human-Robot Teams Perform Inorganic Chemical Experiments. Journal of Chemical Information and Modeling, 2019, 59, 2664-2671.	5.4	25
11	Robot learning simultaneously a task and how to interpret human instructions. , 2013, , .		24
12	Exploiting Task Constraints for Self-Calibrated Brain-Machine Interface Control Using Error-Related Potentials. PLoS ONE, 2015, 10, e0131491.	2.5	20
13	Poppy: Open source 3D printed robot for experiments in developmental robotics. , 2014, , .		14
14	Studying the co-construction of interaction protocols in collaborative tasks with humans. , 2014, , .		1
15	A new experimental setup to study the structure of curiosity-driven exploration in humans. , 2014, , .		1