

# Jonathan Grizou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3454258/publications.pdf>

Version: 2024-02-01

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