Goren Gordon

List of Publications by Year
in descending order

63	1,724	394421 19	330143 37
papers	citations	h-index	g-index

65	65	65	1232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Curious instance selection. Information Sciences, 2022, 608, 794-808.	6.9	4
2	Learning in Summer Camp with Social Robots: A Morphological Study. International Journal of Social Robotics, 2021, 13, 999-1012.	4.6	6
3	Studying Dynamics of Human Information Gathering Behaviors Using Social Robots. Frontiers in Psychology, 2021, 12, 669198.	2.1	3
4	Expressive Cognitive Architecture for a Curious Social Robot. ACM Transactions on Interactive Intelligent Systems, 2021, 11, 1-25.	3.7	1
5	Infant-inspired intrinsically motivated curious robots. Current Opinion in Behavioral Sciences, 2020, 35, 28-34.	3.9	7
6	Network Dynamics of a Financial Ecosystem. Scientific Reports, 2020, 10, 4587.	3.3	16
7	Patricc. , 2020, , .		9
8	Priming, enabling and assessment of curiosity. Educational Technology Research and Development, 2019, 67, 931-952.	2.8	6
9	Social behaviour as an emergent property of embodied curiosity: a robotics perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180029.	4.0	11
10	Human-Robot-Collaboration (HRC): Social Robots as Teaching Assistants for Training Activities in Small Groups. , 2019, , .		25
11	Curious Feature Selection. Information Sciences, 2019, 485, 42-54.	6.9	14
12	Robot-Supported Collaborative Learning (RSCL): Social Robots as Teaching Assistants for Higher Education Small Group Facilitation. Frontiers in Robotics and AI, 2019, 6, 148.	3.2	31
13	Social Robots as Physical Curiosity Assessment Tools. , 2018, , .		4
14	Size and temperature transferability of direct and local deep neural networks for atomic forces. Physical Review B, 2018, 98, .	3.2	16
15	Network Analysis of ERC20 Tokens Trading on Ethereum Blockchain. Springer Proceedings in Complexity, 2018, , 439-450.	0.3	39
16	Growing Growth Mindset with a Social Robot Peer. , 2017, 2017, 137-145.		83
17	Lessons from teachers on performing HRI studies with young children in schools. , 2016, , .		29
18	Tega: A social robot. , 2016, , .		28

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19	Coordination of sniffing and whisking depends on the mode of interaction with the environment. Israel Journal of Ecology and Evolution, 2015, 61, 95-105.	0.6	12
20	Can Children Catch Curiosity from a Social Robot?. , 2015, , .		104
21	Digital assessment and promotion of children's curiosity. , 2015, , .		1
22	Social Behavior Bias and Knowledge Management Optimization. Lecture Notes in Computer Science, 2015, , 258-263.	1.3	3
23	Learning and control of exploration primitives. Journal of Computational Neuroscience, 2014, 37, 259-280.	1.0	13
24	Emergent Exploration via Novelty Management. Journal of Neuroscience, 2014, 34, 12646-12661.	3.6	29
25	Quantum particle localization by frequent coherent monitoring. Physical Review A, 2013, 87, .	2.5	4
26	Reinforcement active learning in the vibrissae system: Optimal object localization. Journal of Physiology (Paris), 2013, 107, 107-115.	2.1	6
27	Tactile Modulation of Whisking via the Brainstem Loop: Statechart Modeling and Experimental Validation. PLoS ONE, 2013, 8, e79831.	2.5	16
28	Measurement of the system-environment coupling and its relation to dynamical decoupling. , 2012, , .		0
29	Quantum computer games: SchrÃ¶dinger cat and hounds. Physics Education, 2012, 47, 346-354.	0.5	8
30	Motor-Sensory Confluence in Tactile Perception. Journal of Neuroscience, 2012, 32, 14022-14032.	3.6	62
31	Hierarchical curiosity loops and active sensing. Neural Networks, 2012, 32, 119-129.	5.9	30
32	A Curious Emergence of Reaching. Lecture Notes in Computer Science, 2012, , 1-12.	1.3	2
33	Scalability of decoherence control in entangled systems. Physical Review A, 2011, 83, .	2.5	14
34	Toward an Integrated Approach to Perception and Action: Conference Report and Future Directions. Frontiers in Systems Neuroscience, 2011, 5, 20.	2.5	21
35	Reinforcement active learning hierarchical loops. , 2011, , .		6
36	Direct measurement of the systemâ€“environment coupling as a tool for understanding decoherence and dynamical decoupling. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 154006.	1.5	75

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37	Quantum cryptography using partially entangled states. Optics Communications, 2010, 283, 184-188.	2.1	18
38	Non-Markovian control of qubit thermodynamics by frequent quantum measurements. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 477-483.	2.7	3
39	Control of temperature and entropy by frequent quantum measurements. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 108, 400-406.	0.6	2
40	Quantum computer games: quantum minesweeper. Physics Education, 2010, 45, 372-377.	0.5	10
41	Equilibration by quantum observation. New Journal of Physics, 2010, 12, 053033.	2.9	25
42	ZENO HEATING AND ANTI-ZENO COOLING BY FREQUENT QUANTUM MEASUREMENTS. International Journal of Quantum Information, 2009, 07, 49-62.	1.1	1
43	Translational-internal entanglement states and quantum information for single photons. Proceedings of SPIE, 2009, , .	0.8	0
44	Cooling down quantum bits on ultrashort time scales. New Journal of Physics, 2009, 11, 123025.	2.9	38
45	Unitary and non-unitary manipulations of qubit-bath entanglement: non-Markov qubit cooling. Quantum Information Processing, 2009, 8, 607-617.	2.2	1
46	Dynamical decoherence control of multi-partite systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 223001.	1.5	21
47	Thermodynamic control by frequent quantum measurements. Nature, 2008, 452, 724-727.	27.8	169
48	Dynamical protection of quantum computation from decoherence in laser-driven cold-ion and cold-atom systems. New Journal of Physics, 2008, 10, 045005.	2.9	10
49	Why and how should we control decoherence?â€. Journal of Modern Optics, 2008, 55, 3389-3402.	1.3	0
50	Entanglement sudden death and its controlled partial resuscitation. Europhysics Letters, 2008, 83, 30009.	2.0	21
51	Optimal Dynamical Decoherence Control of a Qubit. Physical Review Letters, 2008, 101, 010403.	7.8	155
52	Universal dephasing control during quantum computation. Physical Review A, 2007, 76, .	2.5	25
53	Open-loop stochastic control of quantum coherence. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, S61-S73.	1.5	11
54	Dynamical control of noisy quantum memory channels. Proceedings of SPIE, 2007, , .	0.8	0

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55	Universal dynamical decoherence control of noisy single- and multi-qubit systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, S75-S93.	1.5	97
56	Generalized teleportation protocol. Physical Review A, 2006, 73, .	2.5	118
57	Generalized quantum-state sharing. Physical Review A, 2006, 73, .	2.5	123
58	Universal dynamical control of local decoherence for multipartite and multilevel systems. Optics Communications, 2006, 264, 398-406.	2.1	17
59	Preventing Multipartite Disentanglement by Local Modulations. Physical Review Letters, 2006, 97, 110503.	7.8	67
60	Phase-space beam summation analysis of rough surface waveguide. Journal of the Acoustical Society of America, 2005, 117, 1922-1932.	1.1	12
61	Universal dynamical control of decay and decoherence in multilevel systems. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S283-S292.	1.4	12
62	A phase-space Gaussian beam summation representation of rough surface scattering. Journal of the Acoustical Society of America, 2005, 117, 1911-1921.	1.1	19
63	Multi-dimensional Linguistic Complexity. Journal of Biomolecular Structure and Dynamics, 2003, 20, 747-750.	3.5	10