

## MICREAgents Publications in Conference Proceedings

	Title	Author	Journal	Issue	Publisher	Year	PP	Open Access
1	Autonomous lablet locomotion and active docking by sensomotoric electroosmotic drive	Sharma, A, McCaskill, JS	ECAL Conf Proc		MIT Press	2015	456-463	yes
2	Ultra low-power, -area and -frequency CMOS thyristor based oscillator for autonomous microsystems	Funke, D.A.; Oehm, J.; Mayr, P.; Maeke, T.; McCaskill, J. S.; Sharma, A.; Straczek, L.	IEEE NORCHIP Conf Proc		online	2015	1 - 4	
3	Blueprint for Self-Replicating and Self-Assembling 3D Printers	M. Buch, S.Rasmussen	Proc. 14th Int. Conf. on the Synthesis and Simulation of Living Systems (peer reviewed)		MIT Press, Cambridge	2014	981-982	
4	Simulating self-replicating, chemically immersed, microchip swarms	Tangen, U, Fellermann, H, Rasmussen, S	ECAL Conf Proc		MIT Press	2015	438	yes
5	Do it yourself (DIY) liquid handling robot for evolutionary search exploration	Müller, A., Amaldass, A., Yanev, K. & Rasmussen, S.	Proceedings of the European Conference on Artificial Life		MIT Press	2015	657	yes
6	Simulating self-replicating, chemically immersed, microchip swarms	Tangen, U., Fellermann, H. & Rasmussen, S.	Proceedings of the European Conference on Artificial Life		MIT Press	2015	438	yes

7	Non-Darwinian evolution of aaRS enzymes produced a regular, eventually optimized code	Wills, P. R.	Musier-Forsyth, K., Ribas de Pouplana, L. (eds.), aaRS 2015			2015	31	no
8	Protocells: what we have learned about minimal life and evolvability -- conference abstract	Rasmussen, S., Constantinescu, A. & Svaneborg, C.	Artificial Life	ALIFEXV	MIT Press	2016		yes
9	The BINC Manifesto: Technology driven societal changes, science, policy & stakeholder engagement	Rasmussen, S.	Artificial Life	ALIFEXV	MIT Press	2016		yes
10	Open-Ended Evolution: A Perspective from York	Taylor, T., A. Bedau, M., Channon, A., Ackley, D., Banzhaf, W., Beslon, G., Dolson, E., Froese, T., Hickinbotham, S., Ikegami, T., McMullin, B., H. Packard, N., Rasmussen, S. & Virgo, N.	Artificial Life	ALIFEXV	MIT Press	2016		yes
11	Microarray of programmable electrochemically active elements	McCaskill, JS, Maeke, T, Straczek, L, Oehm, J, Mayr, P, Sharma, A, Müller, A, Packard, N, Rasmussen, S, Tangen, U	ALife XV: 15th Intern. Conf. on the Simulation and Synthesis of Living Systems.	Poster, accepted for publication in MIT proceedings	MIT press	2016		yes
12	Remote Manipulation with Microtablets and Control of Enzymatic Reaction	Zadražil A., Čermochová V., Ullrich M., Hanuš J., Štěpánek F., McCaskill J	AiChE 15 Conf Proc			2015	17-18	yes

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### Books

	<b>Title</b>	<b>Author</b>	<b>Journal</b>	<b>Issue</b>	<b>Publisher</b>	<b>Year</b>	<b>PP</b>	<b>Open Access</b>
1	Afterword: Make/Shift Beta-Life: Stories from an A-Life Future	Rasmussen, S., Amos, M. & Page, R. (ed.)	Book		Comma Press	2015	Portal 21/10/2015	yes
2	Hvad burde politik handle om? (What should politics focus on?)	Andersen, L. & Rasmussen, S.	Book		ISSP - Comma Press	2015		yes

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### Roadmap

	<b>Title</b>	<b>Author</b>	<b>Journal</b>	<b>Issue</b>	<b>Publisher</b>	<b>Year</b>	<b>PP</b>	<b>Open Access</b>
1	TRUCE, A Roadmap for Unconventional Computing	prepared by Susan Stepney & Simon Hickinbotham, MICREAgents case study contribution by McCaskill, JS				2015		yes