

# John Till

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4580378/publications.pdf>

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1684188  
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docs citations

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times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Model for Concentric Tube Robots. IEEE Transactions on Robotics, 2020, 36, 1704-1718.	10.3	34
2	Real-time dynamics of soft and continuum robots based on Cosserat rod models. International Journal of Robotics Research, 2019, 38, 723-746.	8.5	199
3	Continuum Robot Stiffness Under External Loads and Prescribed Tendon Displacements. IEEE Transactions on Robotics, 2019, 35, 403-419.	10.3	112
4	Parallel Continuum Robots: Modeling, Analysis, and Actuation-Based Force Sensing. IEEE Transactions on Robotics, 2018, 34, 29-47.	10.3	95
5	Elastic Stability of Cosserat Rods and Parallel Continuum Robots. IEEE Transactions on Robotics, 2017, 33, 718-733.	10.3	67
6	Elastic rod dynamics: Validation of a real-time implicit approach. , 2017, , .		12
7	Efficient computation of multiple coupled Cosserat rod models for real-time simulation and control of parallel continuum manipulators. , 2015, , .		58