

# Tianyao Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3352423/publications.pdf>

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2258059

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#	ARTICLE	IF	CITATIONS
1	Enhancing Solid State LiDAR Mapping with a 2D Spinning LiDAR in Urban Scenario SLAM on Ground Vehicles. <i>Sensors</i> , 2021, 21, 1773.	3.8	12
2	Modeling and prototype experiment of a monolithic 3-PUU parallel micromanipulator with nano-scale accuracy. <i>Smart Materials and Structures</i> , 2020, 29, 075023.	3.5	11
3	Hector SLAM with ICP Trajectory Matching. , 2020, , .		7
4	Sensing and Modelling Mechanical Response in Large Deformation Indentation of Adherent Cell Using Atomic Force Microscopy. <i>Sensors</i> , 2020, 20, 1764.	3.8	5
5	A hyperelastic model for mechanical responses of adherent cells in microinjection. , 2017, , .		1
6	Characterizing the Disruption of HEK-293 Cell Membrane in AFM-based Indentation Using Energy Limiter Method. , 2019, , .		0