

# Luyao Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3797553/publications.pdf>

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4  
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citations

1937685

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docs citations

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times ranked

223  
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#	ARTICLE	IF	CITATIONS
1	In vivo articular cartilage deformation: noninvasive quantification of intratissue strain during joint contact in the human knee. Scientific Reports, 2016, 6, 19220.	3.3	105
2	Functional MRI can detect changes in intratissue strains in a full thickness and critical sized ovine cartilage defect model. Journal of Biomechanics, 2018, 66, 18-25.	2.1	16
3	In vivo intervertebral disc deformation: intratissue strain patterns within adjacent discs during flexion–extension. Scientific Reports, 2021, 11, 729.	3.3	14
4	Finite deformation elastography of articular cartilage and biomaterials based on imaging and topology optimization. Scientific Reports, 2020, 10, 7980.	3.3	7