

Javier Palacio-Torralba

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

95
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Locating and sizing tumor nodules in human prostate using instrumented probing “ computational framework and experimental validation. Computer Methods in Biomechanics and Biomedical Engineering, 2022, , 1-16.	1.6	1
2	Identification of tumor nodule in soft tissue: An inverse finite element framework based on mechanical characterization. International Journal for Numerical Methods in Biomedical Engineering, 2020, 36, e3369.	2.1	4
3	A novel palpation-based method for tumor nodule quantification in soft tissue” computational framework and experimental validation. Medical and Biological Engineering and Computing, 2020, 58, 1369-1381.	2.8	12
4	A novel method for rapid and quantitative mechanical assessment of soft tissue for diagnostic purposes: A computational study. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e2917.	2.1	5
5	Quantitative mechanical assessment of the whole prostate gland ex vivo using dynamic instrumented palpation. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 1081-1100.	1.8	7
6	Histology-based homogenization analysis of soft tissue: application to prostate cancer. Journal of the Royal Society Interface, 2017, 14, 20170088.	3.4	5
7	Patient specific modeling of palpation-based prostate cancer diagnosis: effects of pelvic cavity anatomy and intrabladder pressure. International Journal for Numerical Methods in Biomedical Engineering, 2016, 32, e02734.	2.1	5
8	Quantitative diagnostics of soft tissue through viscoelastic characterization using time-based instrumented palpation. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 41, 149-160.	3.1	56