

Yi Su

List of Publications by Year in descending order

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15
papers

248
citations

1307594

7
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Left ventricular regional wall curvedness and wall stress in patients with ischemic dilated cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H573-H584.	3.2	79
2	Right ventricular regional wall curvedness and area strain in patients with repaired tetralogy of Fallot. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1306-H1316.	3.2	59
3	A curvature-based approach for left ventricular shape analysis from cardiac magnetic resonance imaging. Medical and Biological Engineering and Computing, 2009, 47, 313-322.	2.8	29
4	A geometrical approach for evaluating left ventricular remodeling in myocardial infarct patients. Computer Methods and Programs in Biomedicine, 2012, 108, 500-510.	4.7	28
5	Regional ejection fraction and regional area strain for left ventricular function assessment in male patients after first-time myocardial infarction. Journal of the Royal Society Interface, 2015, 12, 20150006.	3.4	12
6	A non-linear structure-preserving matrix method for the computation of the coefficients of an approximate greatest common divisor of two Bernstein polynomials. Journal of Computational and Applied Mathematics, 2017, 320, 221-241.	2.0	9
7	A Geometrical Approach for Automatic Shape Restoration of the Left Ventricle. PLoS ONE, 2013, 8, e68615.	2.5	8
8	Multi-dimensional proprio-proximus machine learning for assessment of myocardial infarction. Computerized Medical Imaging and Graphics, 2018, 70, 63-72.	5.8	6
9	A Multi-channel Deep Learning Approach for Segmentation of the Left Ventricular Endocardium from Cardiac Images. , 2019, 2019, 4016-4019.		5
10	Convenient Tree Species Modeling for Virtual Cities. Lecture Notes in Computer Science, 2019, , 304-315.	1.3	4
11	The computation of the degree of the greatest common divisor of three Bernstein basis polynomials. Journal of Computational and Applied Mathematics, 2020, 373, 112373.	2.0	3
12	Tree Species Modelling for Digital Twin Cities. Lecture Notes in Computer Science, 2021, , 17-35.	1.3	3
13	An approximate factorisation of three bivariate Bernstein basis polynomials defined in a triangular domain. Journal of Computational and Applied Mathematics, 2021, 390, 113381.	2.0	2
14	The Computation of Multiple Roots of a Bernstein Basis Polynomial. SIAM Journal of Scientific Computing, 2020, 42, A452-A476.	2.8	1
15	The computation of the greatest common divisor of three bivariate Bernstein polynomials defined in a rectangular domain. Applied Numerical Mathematics, 2021, 166, 348-368.	2.1	0