

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