

Georg Muntingh

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

150
citations

1163117

8
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Affine equivalences of surfaces of translation and minimal surfaces, and applications to symmetry detection and design. Journal of Computational and Applied Mathematics, 2022, 411, 114206.	2.0	1
2	Binary segmentation of medical images using implicit spline representations and deep learning. Computer Aided Geometric Design, 2021, 85, 101972.	1.2	9
3	Real-Time Processing of High-Resolution Video and 3D Model-Based Tracking for Remote Towers. SN Computer Science, 2020, 1, 1.	3.6	3
4	Reverse engineering of CAD models via clustering and approximate implicitization. Computer Aided Geometric Design, 2020, 80, 101876.	1.2	8
5	Void Filling of Digital Elevation Models With Deep Generative Models. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1645-1649.	3.1	11
6	Symmetries of canal surfaces and Dupin cyclides. Computer Aided Geometric Design, 2018, 59, 68-85.	1.2	2
7	Similarity detection of rational space curves. Journal of Symbolic Computation, 2018, 85, 4-24.	0.8	11
8	Stable Simplex Spline Bases for C^3 Quintics on the Powell-Sabin 12-Split. Constructive Approximation, 2017, 45, 1-32.	3.0	8
9	Symbols and exact regularity of symmetric pseudo-splines of any arity. BIT Numerical Mathematics, 2017, 57, 867-900.	2.0	8
10	Detecting Similarities of Rational Space Curves. , 2016, , .		0
11	Symmetry detection of rational space curves from their curvature and torsion. Computer Aided Geometric Design, 2015, 33, 51-65.	1.2	19
12	Symmetry detection of rational space curves. ACM Communications in Computer Algebra, 2015, 49, 51-51.	0.4	0
13	Detecting symmetries of rational plane and space curves. Computer Aided Geometric Design, 2014, 31, 199-209.	1.2	18
14	Detecting similarity of rational plane curves. Journal of Computational and Applied Mathematics, 2014, 269, 1-13.	2.0	29
15	A Hermite interpolatory subdivision scheme for C^1 surfaces on the Powell-Sabin 12-split. Computer Aided Geometric Design, 2014, 31, 464-474.	1.2	6
16	Solar induced growth of silver nanocrystals. Journal of Applied Physics, 2013, 113, 144301.	2.5	2
17	Divided differences of multivariate implicit functions. BIT Numerical Mathematics, 2012, 52, 703-723.	2.0	0
18	Size distributions of chemically synthesized Ag nanocrystals. Journal of Applied Physics, 2011, 110, 044306.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Divided differences of implicit functions. <i>Mathematics of Computation</i> , 2011, 80, 2185-2195.	2.1	1
20	Order one equations with the Painlevé property. <i>Indagationes Mathematicae</i> , 2007, 18, 83-95.	0.4	6