

Ranita Biswas

List of Publications by Year in descending order

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17
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1684188

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#	ARTICLE	IF	CITATIONS
1	An Improved Canny Edge Detection Algorithm Based on Type-2 Fuzzy Sets. <i>Procedia Technology</i> , 2012, 4, 820-824.	1.1	103
2	On different topological classes of spherical geodesic paths and circles in \mathbb{S}^3 . <i>Theoretical Computer Science</i> , 2015, 605, 146-163.	0.9	9
3	From prima quadraginta octant to lattice sphere through primitive integer operations. <i>Theoretical Computer Science</i> , 2016, 624, 56-72.	0.9	9
4	Layer the sphere. <i>Visual Computer</i> , 2015, 31, 787-797.	3.5	7
5	On Finding Spherical Geodesic Paths and Circles in \mathbb{S}^3 . <i>Lecture Notes in Computer Science</i> , 2014, , 396-409.	1.3	7
6	On the Connectivity and Smoothness of Discrete Spherical Circles. <i>Lecture Notes in Computer Science</i> , 2015, , 86-100.	1.3	5
7	Body Centered Cubic Grid - Coordinate System and Discrete Analytical Plane Definition. <i>Lecture Notes in Computer Science</i> , 2021, , 152-163.	1.3	4
8	On the polyhedra of graceful spheres and circular geodesics. <i>Discrete Applied Mathematics</i> , 2017, 216, 362-375.	0.9	3
9	On the Functionality and Usefulness of Quadraginta Octants of Naive Sphere. <i>Journal of Mathematical Imaging and Vision</i> , 2017, 59, 69-83.	1.3	3
10	Rhombic Dodecahedron Grid Coordinate System and 3D Digital Object Definitions. <i>Lecture Notes in Computer Science</i> , 2019, , 27-37.	1.3	2
11	Sphere Construction on the FCC Grid Interpreted as Layered Hexagonal Grids in 3D. <i>Lecture Notes in Computer Science</i> , 2018, , 82-96.	1.3	2
12	Digital Primitives Defined by Weighted Focal Set. <i>Lecture Notes in Computer Science</i> , 2017, , 388-398.	1.3	1
13	Digital Objects in Rhombic Dodecahedron Grid. <i>Mathematical Morphology - Theory and Applications</i> , 2020, 4, 143-158.	0.7	1
14	Continuous and Discrete Radius Functions on Voronoi Tessellations and Delaunay Mosaics. <i>Discrete and Computational Geometry</i> , 2022, 67, 811-842.	0.6	1
15	Fast and Efficient Incremental Algorithms for Circular and Spherical Propagation in Integer Space. <i>Lecture Notes in Computer Science</i> , 2017, , 347-359.	1.3	0
16	On Some Local Topological Properties of Naive Discrete Sphere. <i>Lecture Notes in Computer Science</i> , 2016, , 253-264.	1.3	0
17	Construction of Persistent Voronoi Diagram on 3D Digital Plane. <i>Lecture Notes in Computer Science</i> , 2017, , 93-104.	1.3	0