De-Yun Zhong

List of Publications by Year
in descending order

17	111	1478280	1372474
papers	citations	6	10
		h-index	g-index

17	17	17	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Orebody Modeling Method Based on the Normal Estimation of Cross-Contour Polylines. Mathematics, 2022, 10, 473.	1.1	1
2	A Two-Step Surface Reconstruction Method Using Signed Marching Cubes. Applied Sciences (Switzerland), 2022, 12, 1792.	1.3	3
3	Implicit modeling of narrow vein type ore bodies based on Boolean combination constraints. Scientific Reports, 2022, 12, 6086.	1.6	1
4	Combination Constraints of Multiple Fields for Implicit Modeling of Ore Bodies. Applied Sciences (Switzerland), 2021, 11, 1321.	1.3	10
5	A New Challenge: Detection of Small-Scale Falling Rocks on Transportation Roads in Open-Pit Mines. Sensors, 2021, 21, 3548.	2.1	5
6	Geological Modeling Method Based on the Normal Dynamic Estimation of Sparse Point Clouds. Mathematics, 2021, 9, 1819.	1.1	4
7	Repair of Geological Models Based on Multiple Material Marching Cubes. Mathematics, 2021, 9, 2207.	1.1	2
8	Repair of Voids in Multi-Labeled Triangular Mesh. Applied Sciences (Switzerland), 2021, 11, 9275.	1.3	1
9	Local Dynamic Updating Method of Orebody Model Based on Mesh Reconstruction and Mesh Deformation. Minerals (Basel, Switzerland), 2021, 11, 1232.	0.8	2
10	An Efficient Mine Ventilation Solution Method Based on Minimum Independent Closed Loops. Energies, 2020, 13, 5862.	1.6	7
11	Solution Optimization of RBF Interpolation for Implicit Modeling of Orebody. IEEE Access, 2020, 8, 13781-13791.	2.6	4
12	A Fast Solution for the Generalized Radial Basis Functions Interpolant. IEEE Access, 2020, 8, 80148-80159.	2.6	0
13	Extended Hermite Radial Basis Functions for Sparse Contours Interpolation. IEEE Access, 2020, 8, 58752-58762.	2.6	5
14	Orebody Modeling from Non-Parallel Cross Sections with Geometry Constraints. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.8	10
15	Implicit surface reconstruction based on generalized radial basis functions interpolant with distinct constraints. Applied Mathematical Modelling, 2019, 71, 408-420.	2.2	20
16	Fast Implicit Surface Reconstruction for the Radial Basis Functions Interpolant. Applied Sciences (Switzerland), 2019, 9, 5335.	1.3	14
17	Implicit modeling of complex orebody with constraints of geological rules. Transactions of Nonferrous Metals Society of China, 2019, 29, 2392-2399.	1.7	22