

Vlastimil Hotar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

80
citations

1684188

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1474206

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all docs

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docs citations

16
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractal dimension used for evaluation of oxidation behaviour of Fe-Al-Cr-Zr-C alloys. Corrosion Science, 2018, 133, 141-149.	6.6	19
2	Fractal geometry for industrial data evaluation. Computers and Mathematics With Applications, 2013, 66, 113-121.	2.7	18
3	Summary of the properties and benefits of glass mechanically frosted with an abrasive brush. Construction and Building Materials, 2019, 206, 364-374.	7.2	12
4	Surface Evaluation by Estimation of Fractal Dimension and Statistical Tools. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	10
5	Fractal Geometry Used for Evaluation of Corrosion Resistance of Fe-14Al-6Cr Wt. % against Molten Glass. Manufacturing Technology, 2015, 15, 534-541.	1.4	6
6	Corrosion behaviour of Fe-40Al-Zr at.% alloy in molten soda-lime glass. Metallic Materials, 2021, 52, 149-155.	0.3	5
7	Characterization of the Positioning Accuracy and Precision of MEMS Die Servoing Using Model-Based Visual Tracking. Applied Mechanics and Materials, 0, 613, 426-433.	0.2	3
8	Monitoring of Glass Production Using Vision Systems. Advanced Materials Research, 0, 39-40, 511-516.	0.3	2
9	Application of Fractal Dimension in Industry Practice. , 2017, , .		1
10	EEE Method: Improved Approach of Compass Dimension Calculation. Advances in Intelligent Systems and Computing, 2013, , 343-351.	0.6	1
11	DETECTION OF GLASS EDGE CORRUGATION FOR CUTTING DISTANCE OPTIMISATION. MM Science Journal, 2017, 2017, 1734-1737.	0.4	1
12	Present state of 3D printing from glass. Pure and Applied Chemistry, 2022, 94, 169-179.	1.9	1
13	The Effect of Niobium and Carbon on the Oxidation Resistance of Alloys Based on Fe3Al at 900Å°C. Oxidation of Metals, 2022, 98, 77-107.	2.1	1
14	Laboratory detection of flat glass shapes using its reflection. MATEC Web of Conferences, 2017, 89, 01007.	0.2	0
15	Possibilities of Industrial Data Description Using Fractal Geometry. Advances in Intelligent Systems and Computing, 2013, , 123-132.	0.6	0
16	Estimation of Fractal Dimension and Statistical Tools for Surface Evaluation. Advances in Intelligent Systems and Computing, 2014, , 43-53.	0.6	0