Oleg B Milder

List of Publications by Year
in descending order

20 papers	40 citations	1937685 4 h-index	1872680 6 g-index
21 all docs	21 docs citations	21 times ranked	10 citing authors

#	Article	IF	Citations
1	Ink-Jet Printer's Characterization by 3D Gradation Trajectories on an Equidistant Color Difference Basis. Lecture Notes in Computer Science, 2018, , 40-52.	1.3	12
2	LLT structural changes in metal liquids as a basis for a thermal treatment technology of melts: a review. Phase Transitions, 2021, 94, 1-22.	1.3	4
3	Detection of the liquid–liquid transitions in superalloys melts upon overheating and relaxation by the electromagnetic method. Journal of Applied Physics, 2021, 129, .	2.5	4
4	Modeling the heat resistance of nickel-based superalloys by a deep learning neural network. AIP Conference Proceedings, 2020, , .	0.4	4
5	On the Direct Problem of Spectral Reflection Prediction by Artificial Neural Networks: Framework Selection. , 2018, , .		2
6	An accurate empirical formula for determining the density of heat-resistant nickel alloys. Letters on Materials, 2021, 11, 192-197.	0.7	2
7	Evaluation of color measurement accuracy and its dependence on time for hand-held print-art spectrophotometers. Mathematical Methods in the Applied Sciences, 2020, 43, 9735-9744.	2.3	1
8	Modeling the influence of the composition of refractory elements on the heat resistance of nickel alloys by a deep learning artificial neural network. Mathematical Methods in the Applied Sciences, 0, , .	2.3	1
9	Basic Mathematics of Color Space Invariants. WSEAS Transactions on Mathematics, 2020, 19, 11-16.	0.5	1
10	The inverse problem of spectral reflection prediction: Problems of framework selection. AIP Conference Proceedings, 2020, , .	0.4	1
11	Gray Balance Adjusting in Electrophotography by Means of Discrete Geodesics of Gradation Surfaces. Journal of Mathematical Imaging and Vision, 2021, 63, 417-427.	1.3	0
12	Approximating heat resistance of nickel-based superalloys by a sigmoid. AIP Conference Proceedings, 2020, , .	0.4	0
13	Gradation trajectories of ideal initial printing colorants in electrophotography: Discrete computation. , 2020, , .		0
14	Printing paper as a reflector with idealized properties: How to link the paper industry and printing art. AIP Conference Proceedings, 2020, , .	0.4	0
15	The forward problem of spectral reflection prediction: Mutual match between framework selection and the training set volume. , 2020, , .		0
16	Determining the area of a letter using Bezier curves of the third order in matrix form. AIP Conference Proceedings, 2022, , .	0.4	0
17	Determining perimeter of a letter with limited accuracy using splitted Bezier curves. AIP Conference Proceedings, 2022, , .	0.4	0
18	Deep learning in superalloys rupture strength simulation: Combining different test results. AIP Conference Proceedings, 2022, , .	0.4	0

#	Article	IF	Citations
19	Determining the ideal initial printing colorants in electrophotography by the discrete gradation trajectories. Mathematical Methods in the Applied Sciences, 0, , .	2.3	0
20	A method of tone reproduction curves computation by means of gradation trajectories in the form of BÃ©zier curves. Mathematical Methods in the Applied Sciences, 0, , .	2.3	0