

Stephan Prante

List of Publications by Year in descending order

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9
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citing authors

#	ARTICLE	IF	CITATIONS
1	On thermal conductivity of amorphous niobium monoxide. Journal Physics D: Applied Physics, 2020, 53, 285303.	2.8	10
2	Investigation of the Suitability of Surface Treatments for Dry Cold Extrusion by Process-Oriented Tribological Testing. Key Engineering Materials, 2015, 651-653, 473-479.	0.4	8
3	Decreasing friction during Al cold forming using a nanomolecular layer. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, 020605.	2.1	6
4	Tribological investigations of the applicability of surface functionalization for dry extrusion processes. AIP Conference Proceedings, 2017, . .	0.4	5
5	Laser Polishing of Cold Work Steel AISI D2 for Dry Metal Forming Tools: Surface Homogenization, Refinement and Preparation for Self-Assembled Monolayers. Key Engineering Materials, 2018, 767, 69-76.	0.4	4
6	Molecular Coverage Determines Sliding Wear Behavior of n-Octadecylphosphonic Acid Functionalized Cuâ€“O Coated Steel Disks against Aluminum. Materials, 2020, 13, 280.	2.9	3
7	Probing the potential of structured and surface functionalized tools for dry cold forging of aluminium. MATEC Web of Conferences, 2018, 190, 14010.	0.2	1
8	Investigation of Friction Conditions in Dry Metal Forming of Aluminum by Extended Conical Tube-Upsetting Tests. Key Engineering Materials, 0, 767, 189-195.	0.4	1
9	Boron Concentration Induced Co-Ta-B Composite Formation Observed in the Transition from Metallic to Covalent Glasses. Condensed Matter, 2020, 5, 18.	1.8	1