

Stephan Prante

List of Publications by Year in descending order

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