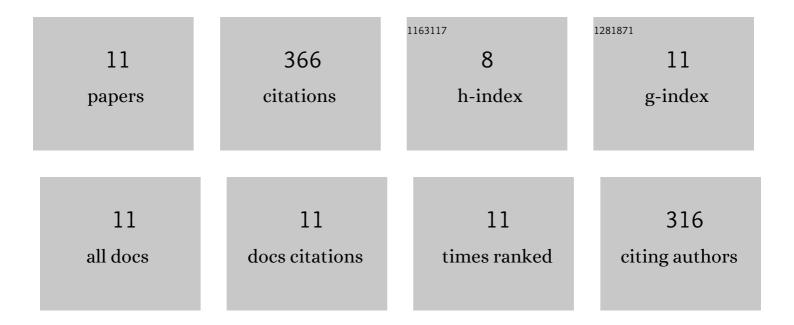
Yangzhen Liu

List of Publications by Year in descending order

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YANCZHEN LILL

#	Article	IF	CITATIONS
1	Tribological behavior comparisons of high chromium stainless and mild steels against high-speed steel and ceramics at high temperatures. Friction, 2022, 10, 436-453.	6.4	9
2	Effect of impact angle on wear behavior of Mo2NiB2–Ni cermets with different Ni content. Ceramics International, 2022, 48, 16944-16955.	4.8	6
3	First-principles calculations study the mechanical and thermal properties of Cr–Al–B ternary borides. Solid State Communications, 2021, 326, 114182.	1.9	16
4	Effect of Fe2B orientation morphology on high temperature erosion-wear behavior of Fe–B alloy in liquid zinc. Wear, 2021, 484-485, 204038.	3.1	6
5	Two-Body Abrasion Behaviors Characterization of White Cast Iron with Various Chromium Concentrations. Tribology Transactions, 2020, 63, 519-527.	2.0	8
6	Phase stability, mechanical properties and electronic structures of Ti Al binary compounds by first principles calculations. Materials Chemistry and Physics, 2019, 221, 311-321.	4.0	57
7	Effect of graphite morphology on the tensile strength and thermal conductivity of cast iron. Materials Characterization, 2018, 144, 155-165.	4.4	40
8	Structural stability, mechanical properties, electronic structures and thermal properties of XS (X =) Tj ETQq0 0 0 Physics, 2017, 381, 2648-2657.	rgBT /Ove 2.1	rlock 10 Tf 50 20
9	Effect of carbon equivalent on thermal and mechanical properties of compacted graphite cast iron. Journal of Materials Research, 2016, 31, 2516-2523.	2.6	9
10	Mechanical properties and electronic structures of M23C6 (MÂ=ÂFe, Cr, Mn)-type multicomponent carbides. Journal of Alloys and Compounds, 2015, 648, 874-880.	5.5	53
11	First principles study the stability and mechanical properties of MC (M=Ti, V, Zr, Nb, Hf and Ta)	5.5	142