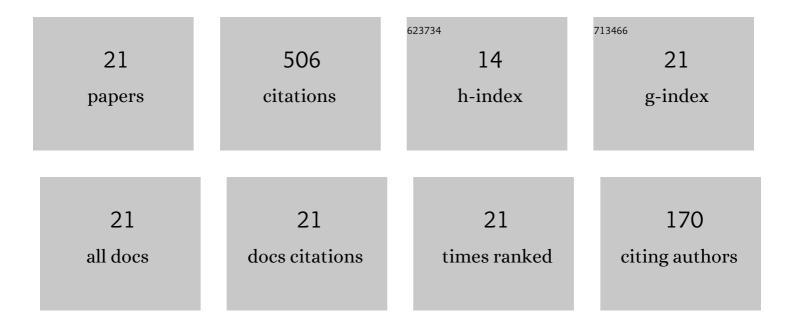
## Wei Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Progress in tribological research of SiC ceramics in unlubricated sliding-A review. Materials and Design, 2020, 190, 108528.	7.0	83
2	Progress in pressureless sintering of boron carbide ceramics – a review. Advances in Applied Ceramics, 2019, 118, 222-239.	1.1	70
3	A review of tribological properties for boron carbide ceramics. Progress in Materials Science, 2021, 116, 100718.	32.8	62
4	Tribological properties of SiC-B4C ceramics under dry sliding condition. Journal of the European Ceramic Society, 2020, 40, 2855-2861.	5.7	30
5	Influence of surface roughness parameters and surface morphology on friction performance of ceramics. Journal of the Ceramic Society of Japan, 2019, 127, 837-842.	1.1	29
6	Tribology of SiC ceramics under lubrication: Features, developments, and perspectives. Current Opinion in Solid State and Materials Science, 2022, 26, 101000.	11.5	23
7	Effect of nanorelief structure formed in situ on tribological properties of ceramics in dry sliding. Ceramics International, 2019, 45, 13818-13824.	4.8	22
8	Effects of load on tribological properties of B <sub>4</sub> C and B <sub>4</sub> C-SiC ceramics sliding against SiC balls. Journal of Asian Ceramic Societies, 2020, 8, 586-596.	2.3	22
9	Self lubrication of pressureless sintered SiC ceramics. Journal of Materials Research and Technology, 2020, 9, 12880-12888.	5.8	20
10	A novel ceramic with low friction and wear toward tribological applications: Boron carbide-silicon carbide. Advances in Colloid and Interface Science, 2022, 301, 102604.	14.7	19
11	A study on formation mechanisms of relief structure formed in situ on the surface of ceramics. Ceramics International, 2019, 45, 23143-23148.	4.8	17
12	Effect of counterbody on tribological properties of B4C–SiC composite ceramics. Wear, 2020, 458-459, 203418.	3.1	17
13	Effect of Water Temperature on Tribological Performance of B4C-SiC Ceramics under Water Lubrication. Tribology Letters, 2021, 69, 1.	2.6	14
14	B <sub>4</sub> C–SiC Ceramics with Interfacial Nanorelief Morphologies and Low Underwater Friction and Wear. ACS Applied Nano Materials, 2021, 4, 3159-3166.	5.0	14
15	Tribological Properties of B <sub>4</sub> C Ceramics Prepared by Pressureless Sintering and Annealed at Different Temperatures. Tribology Transactions, 2020, 63, 672-682.	2.0	13
16	A study of B <sub>4</sub> Câ€SiC composite for selfâ€lubrication. Journal of the American Ceramic Society, 2021, 104, 2325-2336.	3.8	13
17	Study on friction behavior of SiC-B <sub>4</sub> C composite ceramics after annealing. Industrial Lubrication and Tribology, 2019, 72, 673-679.	1.3	12
18	Tribological behaviour of B <sub>4</sub> C-SiC composite ceramics under water lubrication: influence of counterpart. Materials Science and Technology, 2021, 37, 863-876.	1.6	9

#	Article	IF	CITATIONS
19	Frictional Characteristics of Carbide Ceramics in Water. Journal of Tribology, 2022, 144, .	1.9	8
20	Research on thermal shock resistance of mullite-bauxite-silicon carbide castable refractory. Diqiu Huaxue, 2012, 31, 204-208.	0.5	5
21	Research on application of kyanite in plastic refractory. Diqiu Huaxue, 2013, 32, 326-330.	0.5	4