

# Hongling Wang

## List of Publications by Year in descending order

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17  
papers

211  
citations

1162889

8  
h-index

1058333

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and tribological behavior of metakaolinite-based geopolymer composites. <i>Materials Letters</i> , 2005, 59, 3976-3981.	1.3	34
2	Comparative study of the effects of nano-sized and micro-sized CF and PTFE on the thermal and tribological properties of PEEK composites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 896-905.	1.6	33
3	Reduction in wear of metakaolinite-based geopolymer composite through filling of PTFE. <i>Wear</i> , 2005, 258, 1562-1566.	1.5	30
4	Modification effects of short carbon fibers on mechanical properties and fretting wear behavior of UHMWPE composites. <i>Surface and Interface Analysis</i> , 2016, 48, 139-145.	0.8	23
5	Combined effect of fibers and PTFE nanoparticles on improving the fretting wear resistance of UHMWPE-matrix composites. <i>Polymers for Advanced Technologies</i> , 2016, 27, 642-650.	1.6	15
6	Investigation of transfer film of PTFE/bronze composites on 2024Al surface. <i>Surface and Interface Analysis</i> , 2009, 41, 753-758.	0.8	13
7	Functionalized nano-starch prepared by surface-initiated atom transfer radical polymerization and quaternization. <i>Carbohydrate Polymers</i> , 2020, 229, 115390.	5.1	13
8	Evaluation of fretting wear behavior of PEEK by analyzing the change of crystallinity: The high temperature effect. <i>Polymer Engineering and Science</i> , 2017, 57, 1340-1348.	1.5	11
9	Molded environmental-friendly flame-retardant foaming material with high strength based on corn starch modified by crosslinking and grafting. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47193.	1.3	8
10	Effects of UV irradiation on tribological properties of nano-TiO <sub>2</sub> thin films. <i>Surface and Interface Analysis</i> , 2009, 41, 399-404.	0.8	7
11	Biomimetic superhydrophobic UHMWPE/nanosilica films with different sticky behavior on several metals. <i>Surface and Interface Analysis</i> , 2017, 49, 850-857.	0.8	6
12	Fretting Wear Behavior of UHMWPE Under Different Temperature Conditions. <i>Journal of Macromolecular Science - Physics</i> , 2017, 56, 493-504.	0.4	5
13	Foamed-metal reinforced material: tribological behaviours of foamed-copper filled with polytetrafluoroethylene and graphite. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2012, 226, 123-137.	1.0	4
14	Fretting Wear Behavior of UHMWPE—Influence of Load and Stroke. <i>Tribology Transactions</i> , 2017, 60, 187-194.	1.1	3
15	Investigation of Transfer Behaviors of Embedded Polytetrafluoroethylene in Different Metal Substrates. <i>Journal of Macromolecular Science - Physics</i> , 2017, 56, 135-142.	0.4	3
16	Self-Lubricating Ultrahigh Molecular Weight Polyethylene Thin Films with Excellent Wear Resistance at Light Friction Loads on Glass and Silicon. <i>Journal of Macromolecular Science - Physics</i> , 2019, 58, 317-329.	0.4	3
17	Determination of the inhibitory effect of decreasing temperature on tribo-oxidation behaviour of certain steel using EDS analysis. <i>Surface and Interface Analysis</i> , 2009, 41, 211-215.	0.8	0