

# Lei Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

283  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Natural Serpentine on Tribological Performance of Phosphate Bonded Solid Coatings. Tribology Letters, 2022, 70, 1.	2.6	5
2	Strengthening mechanism of in-situ synthesized Cu <sub>2</sub> S nanoparticles on tribological performance of polyamide-imide bonded solid lubricating coatings. Progress in Organic Coatings, 2022, 166, 106807.	3.9	2
3	Preparation and tribological behaviors of polyamide-imide/polytetrafluoroethylene lubricating coatings reinforced by in-situ synthesized CeO <sub>2</sub> nanoparticles. Polymer Testing, 2021, 96, 107100.	4.8	13
4	Tribological properties and corrosion resistance of epoxy resin/polytetrafluoroethylene bonded solid lubricating coating filled with flake aluminum. Journal of Applied Polymer Science, 2021, 138, 51003.	2.6	13
5	Flake aluminum reinforced polyamideimide-polytetrafluoroethylene bonded solid lubricating composite coating for wear resistance and corrosion protection. European Polymer Journal, 2021, 152, 110485.	5.4	19
6	In-situ synthesis of size-tunable silver sulfide nanoparticles to improve tribological properties of the polytetrafluoroethylene-based nanocomposite lubricating coatings. Tribology International, 2020, 148, 106324.	5.9	21
7	Novel environmental-friendly lubricating materials: Water-based PAI-graphite-LaF <sub>3</sub> bonded solid lubricating coatings. Applied Surface Science, 2019, 481, 900-909.	6.1	24
8	Preparation and tribological behaviors of a novel organic-inorganic hybrid resin bonded solid lubricating coating cured by ultraviolet radiation. Progress in Organic Coatings, 2019, 127, 348-358.	3.9	20
9	Fabrication and tribological behaviors of a novel environmental friendly water-based PAI-PTFE-LaF <sub>3</sub> bonded solid lubricating composite coating. Tribology International, 2018, 121, 400-409.	5.9	34
10	Optimum hydrophilic modification of lanthanum trifluoride nanoparticles and their application in enhancing tribological properties of eco-friendly water-based bonded solid lubricating coatings. Tribology International, 2018, 125, 1-11.	5.9	16
11	Tribological behaviors of the UV curing polyurethane acrylate resin- polytetrafluoroethylene bonded solid lubricating coatings filled with LaF <sub>3</sub> . Progress in Organic Coatings, 2018, 121, 218-225.	3.9	12
12	Effects of phosphate binder on the lubricity and wear resistance of graphite coating at elevated temperatures. Surface and Coatings Technology, 2017, 315, 490-497.	4.8	39
13	Investigating the effect of LaF <sub>3</sub> on the tribological performances of an environment friendly hydrophilic polyamide imide resin bonded solid lubricating coating. Tribology International, 2017, 116, 164-171.	5.9	26
14	Effects of nano-LaF <sub>3</sub> on the friction and wear behaviors of PTFE-based bonded solid lubricating coatings under different lubrication conditions. Applied Surface Science, 2016, 382, 73-79.	6.1	39