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Special Column: Frontiers of Intelligent and Sustainable Manufacture/Forming

(Guest Editors: Changhe LI, Hafiz Muhammad ALI, Grzegorz M. KROLCZYK, Shubham SHARMA, Zafar SAID)

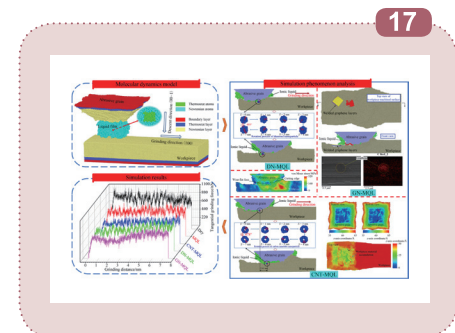
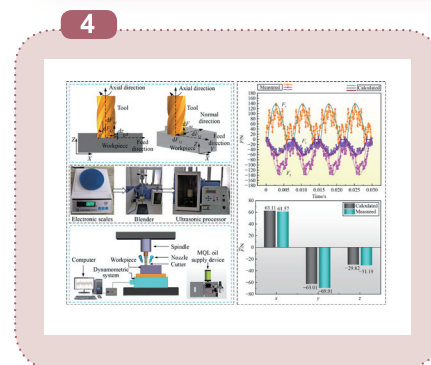
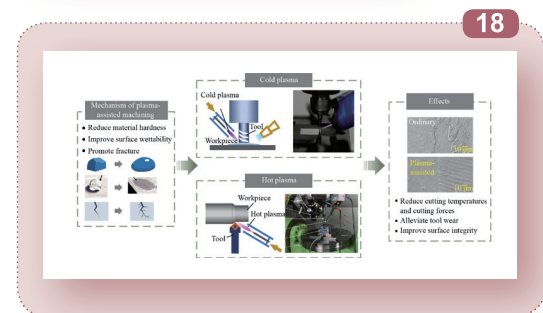
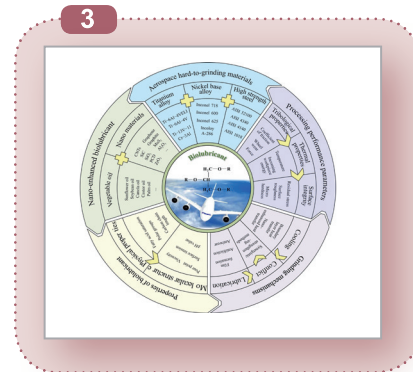
REVIEW ARTICLE

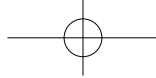
- 3** Comparative assessment of force, temperature, and wheel wear in sustainable grinding aerospace alloy using biolubricant
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- 17** Tribological mechanism of carbon group nanofluids on grinding interface under minimum quantity lubrication based on molecular dynamic simulation
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- 8** Advances in polishing of internal structures on parts made by laser-based powder bed fusion
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- 1** Machinability of ultrasonic vibration-assisted micro-grinding in biological bone using nanolubricant
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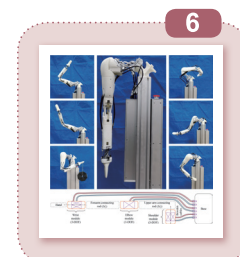
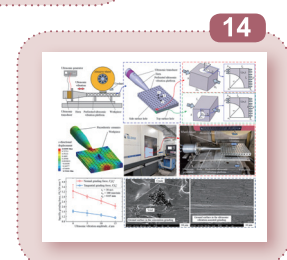
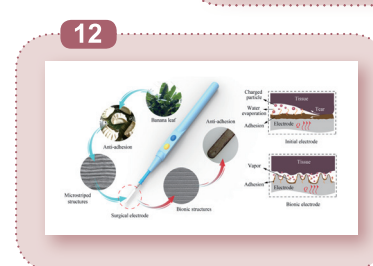
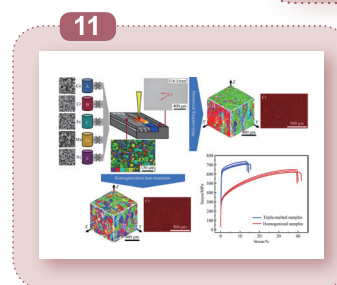
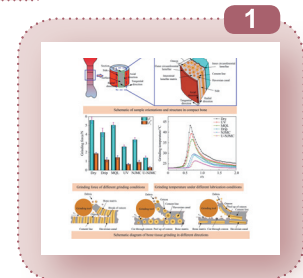
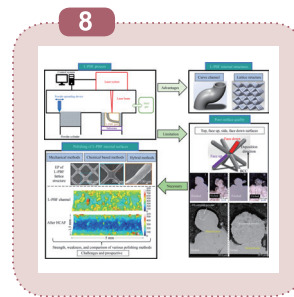
- 11** Rapid *in situ* alloying of CoCrFeMnNi high-entropy alloy from elemental feedstock toward high-throughput synthesis via laser powder bed fusion
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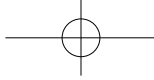
- 13** Postprocessor development for ultrasonic cutting of honeycomb core curved surface with a straight blade
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- 14** Vibration characteristics and machining performance of a novel perforated ultrasonic vibration platform in the grinding of particulate-reinforced titanium matrix composites
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- 6** A modular cable-driven humanoid arm with anti-parallelgram mechanisms and Bowden cables
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