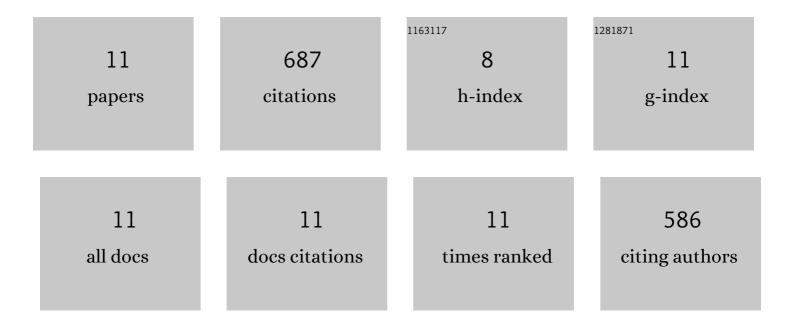
## Zhenbo Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Superior mechanical properties and deformation mechanisms of a 304 stainless steel plate with gradient nanostructure. International Journal of Plasticity, 2022, 155, 103336.	8.8	35
2	Enhanced bonding property of ion-plated TiN coating on stainless steel by mechanically pre-forming a gradient nanostructure. Surface and Coatings Technology, 2022, 444, 128664.	4.8	3
3	Enhanced mechanical properties and corrosion resistance of 316L stainless steel by pre-forming a gradient nanostructured surface layer and annealing. Acta Materialia, 2021, 208, 116773.	7.9	76
4	Controllable Martensite Transformation and Strain-Controlled Fatigue Behavior of a Gradient Nanostructured Austenite Stainless Steel. Nanomaterials, 2021, 11, 1870.	4.1	6
5	Improved osteogenic differentiation of human amniotic mesenchymal stem cells on gradient nanostructured Ti surface. Journal of Biomedical Materials Research - Part A, 2020, 108, 1824-1833.	4.0	17
6	Effect of Gradient Nanostructured Ti on Behaviours of MG63 Cells <i>In Vitro</i> . Journal of Nanomaterials, 2020, 2020, 1-11.	2.7	4
7	Bioinformatics analysis and identification of circular RNAs promoting the osteogenic differentiation of human bone marrow mesenchymal stem cells on titanium treated by surface mechanical attrition. PeerJ, 2020, 8, e9292.	2.0	9
8	Simultaneous enhancement of stress- and strain-controlled fatigue properties in 316L stainless steel with gradient nanostructure. Acta Materialia, 2019, 168, 133-142.	7.9	87
9	Diffusion and surface alloying of gradient nanostructured metals. Beilstein Journal of Nanotechnology, 2017, 8, 547-560.	2.8	20
10	Fatigue behaviors of AISI 316L stainless steel with a gradient nanostructured surface layer. Acta Materialia, 2015, 87, 150-160.	7.9	410
11	Formation of interfacial compounds and the effects on stripping behaviors of a cold-sprayed Zn–Al coating on interstitial-free steel. Applied Surface Science, 2015, 340, 89-95	6.1	20