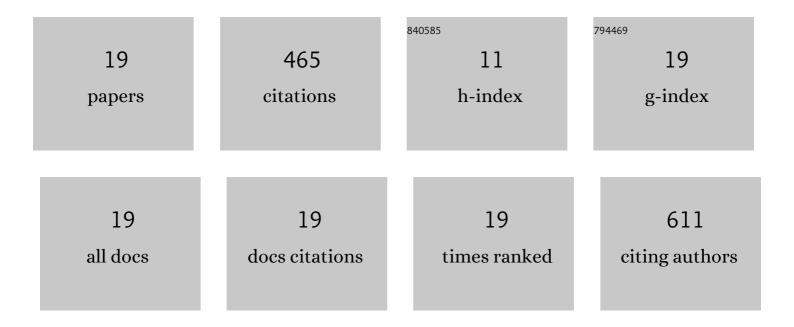
## Yujie Chen

List of Publications by Year in descending order

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YILLE CHEN

#	Article	IF	CITATIONS
1	Micro- and nano-structured 3D printed titanium implants with a hydroxyapatite coating for improved osseointegration. Journal of Materials Chemistry B, 2018, 6, 3136-3144.	2.9	62
2	Effect of a High Density of Stacking Faults on the Young's Modulus of GaAs Nanowires. Nano Letters, 2016, 16, 1911-1916.	4.5	61
3	Mechanical behaviors of nanowires. Applied Physics Reviews, 2017, 4, 031104.	5.5	54
4	Strengthening Brittle Semiconductor Nanowires through Stacking Faults: Insights from in Situ Mechanical Testing. Nano Letters, 2013, 13, 4369-4373.	4.5	45
5	Determination of Young's Modulus of Ultrathin Nanomaterials. Nano Letters, 2015, 15, 5279-5283.	4.5	44
6	Unraveling dual phase transformations in a CrCoNi medium-entropy alloy. Acta Materialia, 2021, 215, 117112.	3.8	43
7	Calcifiers can Adjust Shell Building at the Nanoscale to Resist Ocean Acidification. Small, 2020, 16, e2003186.	5.2	28
8	How calorie-rich food could help marine calcifiers in a CO <sub>2</sub> -rich future. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190757.	1.2	24
9	Size-dependent deformation behavior of dual-phase, nanostructured CrCoNi medium-entropy alloy. Science China Materials, 2021, 64, 209-222.	3.5	20
10	Hierarchical nanostructure of CrCoNi film underlying its remarkable mechanical strength. Applied Physics Letters, 2018, 113, .	1.5	14
11	A Review on the Tribological Performances of Highâ€Entropy Alloys. Advanced Engineering Materials, 2022, 24, .	1.6	12
12	Remarkable toughness of a nanostructured medium-entropy nitride compound. Nanoscale, 2021, 13, 15074-15084.	2.8	10
13	Deciphering deformation mechanisms of hierarchical dual-phase CrCoNi coatings. Journal of Materials Science and Technology, 2020, 39, 7-13.	5.6	9
14	Self-toughened high entropy alloy with a body-centred cubic structure. Nanoscale, 2021, 13, 3602-3612.	2.8	8
15	Mechanical size effect of eutectic high entropy alloy: Effect of lamellar orientation. Journal of Materials Science and Technology, 2021, 82, 10-20.	5.6	8
16	Mechanical Behaviors of Semiconductor Nanowires. Semiconductors and Semimetals, 2016, 94, 109-158.	0.4	7
17	Effects of loading misalignment and tapering angle on the measured mechanical properties of nanowires. Nanotechnology, 2015, 26, 435704.	1.3	6
18	Forging strength–ductility unity in a high entropy steel. Journal of Materials Science and Technology, 2022, 113, 158-165.	5.6	5

#	Article	IF	CITATIONS
19	Deformation-Induced Phase Transformations in Gold Nanoribbons with the 4H Phase. ACS Nano, 2022, 16, 3272-3279.	7.3	5