

Koichi Tanaka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Self-Organized Growth of 111-Oriented (VNbTaMoW)N Nanorods on MgO(001). Nano Letters, 2021, 21, 577-582.	4.5	9
2	Growth of heterolayered [cubic-TaC(111) + rhombohedral-Ta ₃ C ₂ (0001)] nanocomposite thin films on Al ₂ O ₃ (0001). Acta Materialia, 2021, 204, 116499.	3.8	3
3	Growth of elastically-stiff, nanostructured, high-entropy alloy nitride, (VNbTaMoW)N/Al ₂ O ₃ (0001) thin film. Scripta Materialia, 2021, 197, 113813.	2.6	18
4	Stishovite nucleation at low shock pressures in soda-lime glass. Acta Materialia, 2021, 215, 117124.	3.8	4
5	Room-temperature plasticity and size-dependent mechanical responses in small-scale B1-NbC(001) single-crystals. Acta Materialia, 2021, 221, 117384.	3.8	3
6	Influence of ultra-low ethylene partial pressure on microstructural and compositional evolution of sputter-deposited Zr-C thin films. Surface and Coatings Technology, 2020, 398, 126053.	2.2	6
7	Ultra-high vacuum dc magnetron sputter-deposition of 0001-textured trigonal $\hat{\pm}$ -Ta ₂ C/Al ₂ O ₃ (0001) thin films. Materialia, 2020, 13, 100838.	1.3	6
8	Mechanical properties of compositionally-rich body-centered cubic VNbTaMoW alloy. Materialia, 2020, 12, 100746.	1.3	6
9	Effects of ultra-low ethylene partial pressure on microstructure and composition of reactively sputter-deposited Ta $\hat{\pm}$ C thin films. Thin Solid Films, 2019, 688, 137440.	0.8	14
10	Kinetics of Zr-Al intermetallic compound formation during ultra-high vacuum magnetron sputter-deposition of Zr/Al ₂ O ₃ (0001) thin films. Acta Materialia, 2018, 152, 34-40.	3.8	12
11	Temporal evolution of ion energy distribution functions and ion charge states of Cr and Cr-Al pulsed arc plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, 061301.	0.9	6
12	Adding high time resolution to charge-state-specific ion energy measurements for pulsed copper vacuum arc plasmas. Plasma Sources Science and Technology, 2015, 24, 045010.	1.3	15
13	Ion energies in high power impulse magnetron sputtering with and without localized ionization zones. Applied Physics Letters, 2015, 106, .	1.5	25