Kathleen Chou

List of Publications by Year
in descending order

11 papers	179 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	154 citing authors

#	Article	IF	Citations
1	Role of oxygen on the precipitation and deformation behavior of an aged Î² Ti-15Mo alloy. Journal of Alloys and Compounds, 2022, 891, 161811.	5.5	7
2	Optical image and Vickers hardness dataset for repair of 1080 steel using additive friction stir deposition of Aermet 100. Data in Brief, 2022, 41, 107862.	1.0	4
3	Enhanced work hardening from oxygen-stabilized Ï‰ precipitates in an aged metastable Î² Ti-Nb alloy. Acta Materialia, 2021, 220, 117302.	7.9	19
4	Oxygen-induced refinement of Î± precipitates in an aged metastable Î² Ti-15-333 alloy. Scripta Materialia, 2021, 205, 114206.	5.2	8
5	Oxygen effects on Ï‰ and Î± phase transformations in a metastable Î² Tiâ€“Nb alloy. Acta Materialia, 2019, 181, 367-376.	7.9	43
6	Data on the early oxidation of SiO2-coated pure Ti and bulk Ti5Si3 at 800â€¯Â°C. Data in Brief, 2018, 20, 1263-1268.	1.0	3
7	Early oxidation behavior of Si-coated titanium. Corrosion Science, 2018, 140, 297-306.	6.6	21
8	Influence of a silicon-bearing film on the early stage oxidation of pure titanium. Journal of Materials Science, 2017, 52, 9884-9894.	3.7	4
9	Synthesis of acetoxyphenylâ€•and hydroxyphenylâ€•terminated polyfunctional T₈, T₁₀, T₁₂ silsesquioxanes and initial studies on their use in the formation of highly crosslinked polyesters. Applied Organometallic Chemistry, 2013, 27.	3.5	5
10	Beads on a Chain (BoC) Polymers with Model Dendronized Beads. Copolymerization of [(4-NH₂C₆H₄SiO_{1.5})₆(IPhSiO_{1.5})₂] and [(4-CH₃OC₆H₄SiO_{1.5})₆(IPhSiO_{1.5})₂] with 1,4-Diethynylbenzene (DEB) Gives Through-Chain, Extended 3-D Conjugation in the Excited State That Is an Average of the Corresponding Homopolymers. Macromolecules, 2013, 46, 7580-7590.	4.8	22
11	3-D Molecular Mixtures of Catalytically Functionalized [vinylSiO_{1.5}]₁₀/[vinylSiO_{1.5}]₁₂. Photophysical Characterization of Second Generation Derivatives. Chemistry of Materials, 2012, 24, 1883-1895.	6.7	43