

# Kathleen Chou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	3-D Molecular Mixtures of Catalytically Functionalized [vinylSiO <sub>1.5</sub> ] <sub>10</sub> /[vinylSiO <sub>1.5</sub> ] <sub>12</sub> . Photophysical Characterization of Second Generation Derivatives. Chemistry of Materials, 2012, 24, 1883-1895.	3.2	43
2	Oxygen effects on $\beta$ and $\beta'$ phase transformations in a metastable $\beta_2$ Ti-Nb alloy. Acta Materialia, 2019, 181, 367-376.	3.8	43
3	Beads on a Chain (BoC) Polymers with Model Dendronized Beads: Copolymerization of [(4-NH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> SiO <sub>1.5</sub> ) <sub>6</sub> (IPhSiO <sub>1.5</sub> ) <sub>2</sub> ] and [(4-CH <sub>3</sub> OC <sub>6</sub> H <sub>4</sub> SiO <sub>1.5</sub> ) <sub>6</sub> (IPhSiO <sub>1.5</sub> ) <sub>2</sub> ] <sub>2</sub> 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	Early oxidation behavior of Si-coated titanium. Corrosion Science, 2018, 140, 297-306.	3.0	21
5	Enhanced work hardening from oxygen-stabilized $\beta$ precipitates in an aged metastable $\beta_2$ Ti-Nb alloy. Acta Materialia, 2021, 220, 117302.	3.8	19
6	Oxygen-induced refinement of $\beta'$ precipitates in an aged metastable $\beta_2$ Ti-15-333 alloy. Scripta Materialia, 2021, 205, 114206.	2.6	8
7	Role of oxygen on the precipitation and deformation behavior of an aged $\beta_2$ Ti-15Mo alloy. Journal of Alloys and Compounds, 2022, 891, 161811.	2.8	7
8	Synthesis of acetoxyphehyl- and hydroxyphehyl-terminated polyfunctional T <sub>8</sub> , T <sub>10</sub> , T <sub>12</sub> silsesquioxanes and initial studies on their use in the formation of highly crosslinked polyesters. Applied Organometallic Chemistry, 2013, 27, .	1.7	5
9	Influence of a silicon-bearing film on the early stage oxidation of pure titanium. Journal of Materials Science, 2017, 52, 9884-9894.	1.7	4
10	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.	0.5	4
11	Data on the early oxidation of SiO <sub>2</sub> -coated pure Ti and bulk Ti <sub>5</sub> Si <sub>3</sub> at 800°C. Data in Brief, 2018, 20, 1263-1268.	0.5	3