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Synthesis and Processing | Applied Sciences Laboratory

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Assistant Professor. Alexandra Velian's research group is pursuing the total synthesis of atomically-precise inorganic nanomaterials for catalytic, electronic and quantum information applications. In 2020, Alexandra received the NSF Career award funding work on elucidating and harnessing metal-support

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interactions in single atom catalysts using designer nanoclusters as functional models.

Alexandra Velian | Department of Chemistry | University of ...

Assistant Professor. Dianne Xiao earned her A.B. degree from Harvard University in 2011 and her Ph.D. from the University of California, Berkeley in 2016, where she was an NSF graduate research fellow with Professor Jeffrey Long. She completed her postdoctoral studies with Professor Matthew Kanan at Stanford University as an Arnold O. Beckman Postdoctoral Fellow.

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