

Full Publication List

91. Dalchand , Naomi; Doğangün, Merve; Ohno, Paul; Ma, Emily; Martinson, Alex; Geiger, Franz; "Perturbation of Hydrogen Bonding Networks Over Supported Lipid Bilayers by Poly (allylamine hydrochloride)" *J. Phys. Chem B* **2019**, 123, 4251-4257. (<https://doi.org/10.1021/acs.jpcc.9b02392>)
90. Waldman, R. Z.; Joen, N.; Mandia, D. J.; Heinonen, O.; Darling, S. B.; Martinson, A. B. F.; "Sequential Infiltration Synthesis of Electronic Materials: Group 13 Oxides via Metal Alkyl Precursors" *Chem. Mater.* **2019** 31, 14, 5274-5285. (<https://doi.org/10.1021/acs.chemmater.9b01714>) [[ACS Article on Request](#)]
89. Patwardhan, S.; Cao, D. H.; Schatz, G. C.; Martinson, A. B. F.; "Atomic Layer Deposition Nucleation on Isolated Self-Assembled Monolayer Functional Groups: A Combined DFT and Experimental Study" *ACS Appl. Energy Mater.* **2019**, 2, 7, 4618-4628. (<https://doi.org/10.1021/acsaem.8b02202>) [[ACS Article on Request](#)]
88. Kwon, G.; Cho, Y; Kim, K; Emery, J.; Kim, I. S.; Zhang, X.; Martinson, A. B. F.; Tiede, D. M. "Microfluidic Electrochemical Cell for in-situ Structural Characterization of Amorphous Thin-Film Catalysts using High-Energy X-ray Scattering" *J. Synchrotron Rad.* **2019** ASAP. (<https://doi.org/10.1107/S1600577519007240>)
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85. Cao, D.; Guo, P.; Mannodi-Kanakkithodi, A.; Wiederrecht, G.; Gosztola, D.; Jeon, N.; Schaller, R.; Chan, M.; Martinson, A. B. F. "Charge Transfer Dynamics of Phase Segregated Halide Perovskites: CH₃NH₃PbCl₃ and CH₃NH₃PbI₃ or (C₄H₉NH₃)₂(CH₃NH₃)_{n-1}Pb_nI_{3n+1} Mixtures" *ACS Appl. Mater. Interfaces* **2019**, 11, 9583-9593. (<https://doi.org/10.1021/acsami.8b20928>) [[ACS Article on Request](#)]
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83. Kim, I. S.; Pellin, M. J.; Martinson, A. B. F. "Acid Compatible Halide Perovskite Photocathodes Utilizing Atomic Layer Deposited TiO₂ for Solar Driven Hydrogen Evolution" *ACS Energy Lett.* **2019**, 4, 293-298. (<https://doi.org/10.1021/acsenerylett.8b01661>) [[ACS Article on Request](#)]
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