

Robert Tang-Kong

Staff Engineer, SLAC National Accelerator Laboratory

Publications

PUBLICATIONS

- **Link between Gas Phase Reaction Chemistry and the Electronic Conductivity of Atomic Layer Deposited Titanium Oxide Thin Films.** *The journal of physical chemistry letters*
Babadi, A. S., Tang-Kong, R., McIntyre, P. C.
2021: 3625–32
- **Interfacing Low-Temperature Atomic Layer Deposited TiO₂ Electron Transport Layers with Metal Electrodes** *ADVANCED MATERIALS INTERFACES*
Tan, W., Bowring, A. R., Babadi, A. S., Meng, A. C., Tang-Kong, R., McGehee, M. D., McIntyre, P. C.
2020; 7 (8)
- **Development of new Mg-Zn-Sr alloys for medical purpose**
Sulikova, M., Molcanova, Z., Balloková, B., Durisin, J., Martinkova, S., Varcholova, D., Michalik, S., Tang-Kong, R., Ward, L., Mehta, A., Sulova, K., Fejercak, M., Lachova, et al
INDERSCIENCE ENTERPRISES LTD.2020: 573–82
- **Reversible Decay of Oxygen Evolution Activity of Iridium Catalysts** *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*
Tang-Kong, R., Chidsey, C. D., McIntyre, P. C.
2019; 166 (14): H712–H717
- **Atomic Layer Deposited TiO₂-IrO_x Alloys Enable Corrosion Resistant Water Oxidation on Silicon at High Photovoltage** *CHEMISTRY OF MATERIALS*
Hendricks, O. L., Tang-Kong, R., Babadi, A. S., McIntyre, P. C., Chidsey, C. D.
2019; 31 (1): 90–100
- **Silicon Photoanodes for Solar-Driven Oxidation of Brine: A Nanoscale, Photo-Active Analog of the Dimensionally-Stable Anode** *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*
Tang-Kong, R., O'Rourke, C., Mills, A., McIntyre, P. C.
2018; 165 (16): H1072–H1079
- **The Role of Catalyst Adhesion in ALD-TiO₂ Protection of Water Splitting Silicon Anodes** *ACS APPLIED MATERIALS & INTERFACES*
Tang-Kong, R., Winter, R., Brock, R., Tracy, J., Eizenberg, M., Dauskardt, R. H., McIntyre, P. C.
2018; 10 (43): 37103-37109
- **The Role of Catalyst Adhesion in ALD-TiO₂ Protection of Water Splitting Silicon Anodes.** *ACS applied materials & interfaces*
Tang-Kong, R., Winter, R., Brock, R., Tracy, J., Eizenberg, M., Dauskardt, R. H., McIntyre, P. C.
2018