



Hot off the Press

PVAMU Publications

As of August 27, 2018

Akturk, A., McGarrity, J., Goldsman, N., Lichtenwalner, D. J., Hull, B., Grider, D., & Wilkins, R. (2018). The effects of radiation on the terrestrial operation of SiC MOSFETs. Paper presented at the *IEEE International Reliability Physics Symposium Proceedings*, , 2018-March 2B.11-2B.15.

Akturk, A., McGarrity, J. M., Goldsman, N., Lichtenwalner, D., Hull, B., Grider, D., & Wilkins, R. (2018). Terrestrial neutron-induced failures in silicon carbide power MOSFETs and diodes. *IEEE Transactions on Nuclear Science*, 65(6), 1248-1254.

Amarasekara, A. S., Ha, U., & Okorie, N. C. (2018). Renewable polymers: Synthesis and characterization of poly(levulinic acid-pentaerythritol). *Journal of Polymer Science, Part A: Polymer Chemistry*, 56(9), 955-958.

Amarasekara, A. S., & Lawrence, Y. M. (2018). Raney-Ni catalyzed conversion of levulinic acid to 5-methyl-2-pyrrolidone using ammonium formate as the H and N source. *Tetrahedron Letters*, 59(19), 1832-1835.

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Chipindula, J., Botlaguduru, V. S. V., Du, H., Kommalapati, R. R., & Huque, Z. (2018). Life cycle environmental impact of onshore and offshore wind farms in texas. *Sustainability (Switzerland)*, 10(6)

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Ciftja, O. (2018). Emergence of liquid crystalline order in the lowest landau level of a quantum hall system with internal anisotropy. *AIP Advances*, 8(5)

Ciftja, O., & Berry, I. (2018). Interaction energy of a pair of identical coplanar uniformly charged nanodisks. *AIP Advances*, 8(3)

- Cucinotta, F. A., Cacao, E., Kim, M. - Y., & Saganti, P. B. (2018). Cancer and circulatory disease risks for a human mission to mars: Private mission considerations. *Acta Astronautica*, doi:10.1016/j.actaastro.2018.08.022
- Cucinotta, F. A., Yan, C., & Saganti, P. B. (2018). 2nd-order optical model of the isotopic dependence of heavy ion absorption cross sections for radiation transport studies. *Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms*, 414, 11-17.
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- Iacobas, D. A., Tuli, N. Y., Iacobas, S., Rasamny, J. K., Moscatello, A., Geliebter, J., & Tiwari, R. K. (2018). Gene master regulators of papillary and anaplastic thyroid cancers. *Oncotarget*, 9(2), 2410-2424.
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