

Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

Oxidation of black phosphorus from the side MARIO BORUNDA,
Oklahoma State University, SALVADOR BARRAZA, University of Arkansas —
Two-dimensional black phosphorus, a recently discovered two-dimensional semicon-
ductor material, has promising properties of interest in physics and materials science.
We have performed density functional theory calculations at the early stages of the
oxidation process from its side, and contrasted these results with oxidation processes
happening at the top exposed surface.

Mario Borunda
Oklahoma State University

Date submitted: 06 Nov 2015

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