

Abstract Submitted
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Novel Perovskite Compounds Synthesized under Elevated High Pressure.¹ C.Q. JIN, Q.Q. LIU, X.M. QIN, Institute of Physics, Chinese Academy of Sciences — High pressure synthesis is very powerful to stabilize new compounds with perovskite-like structure, as it has been very well established in the studies of Earth mantle. This has been widely demonstrated in the research of transition metal oxides. Here we introduce some new transition metal compounds that have been recently synthesized under elevated high pressure.

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