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Is osmium diboride an ultra-hard material?

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129	First-principles investigation of technetium carbides and nitrides. <i>Physical Review B</i> , 2009 , 79,	3.3	52
128	Effect of nanometer-sized grains on the superhardness of c-BC5: A first-principles study. <i>Physical Review B</i> , 2009 , 80,	3.3	17
127	Anomalous strength anisotropy of α -Fe4N identified by first-principles calculations. 2009 , 94, 151914		9
126	DESIGNING SUPERHARD MATERIALS BY INCORPORATING BORON INTO HEAVY TRANSITION METALS. 2009 , 23, 1281-1290		14
125	Advancements in the Search for Superhard Ultra-Incompressible Metal Borides. 2009 , 19, 3519-3533		259
124	Incompressibility and Hardness of Solid Solution Transition Metal Diborides: Os _{1-x} Ru _x B ₂ . 2009 , 21, 1915-1921		59
123	Iron, ruthenium and osmium. 2009 , 105, 221		
122	Intrinsic hardness of crystalline solids. <i>Journal of Superhard Materials</i> , 2010 , 32, 177-191	0.9	49
121	Structural, elastic, electronic and dynamical properties of OsB and ReB: Density functional calculations. 2010 , 492, 246-250		11
120	Ultra-incompressible superconducting phase of OsC predicted by phonon calculations. 2010 , 374, 1880-1884		18
119	Investigation of tetragonal ReN ₂ and WN ₂ with high shear moduli from first-principles calculations. 2010 , 374, 2569-2574		34
118	Full elastic tensor of a crystal of the superhard compound ReB ₂ . 2010 , 58, 1530-1535		57
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