

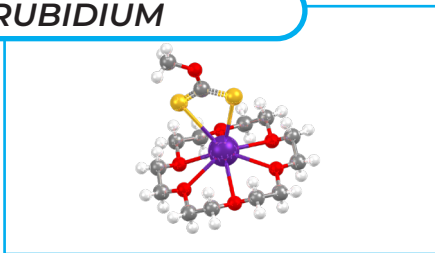


Fold and stick.

#IYPTCrystals

CSD Refcode: AGUPOK

RUBIDIUM



Element Frequency:	3,977
Formula Weight:	456.94
Space Group:	14
Cell Volume:	1,980.65
Publication Year:	2020

Rubidium is the first alkali metal with higher density than water

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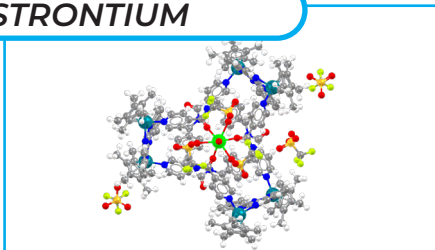


Cut

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CSD Refcode: ZUBPOE

STRONTIUM



Element Frequency:	4,919
Formula Weight:	4,525.87
Space Group:	173
Cell Volume:	9,118.45
Publication Year:	2020

Salts containing strontium are used in fireworks for red colour

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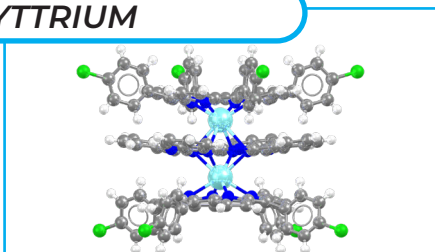


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CSD Refcode: ACEKID

YTTRIUM



Element Frequency:	8,519
Formula Weight:	2,276.22
Space Group:	85
Cell Volume:	6,961.22
Publication Year:	2004

Yttrium takes its name from the Swedish village of Ytterby

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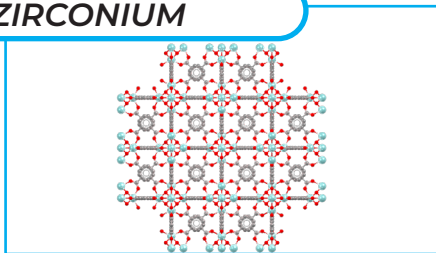


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CSD Refcode: RUBTAK

ZIRCONIUM



Element Frequency: **19,041**

Formula Weight: **6,512.10**

Space Group: **225**

Cell Volume: **8,870.26**

Publication Year: **2008**

Zirconium can be found in S stars

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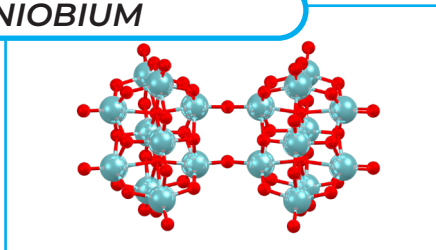


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CSD Refcode: QETJ1J

NIOBIUM



Element Frequency: **6,521**

Formula Weight: **4,661.86**

Space Group: **18**

Cell Volume: **20,405.87**

Publication Year: **2006**

Niobium alloys are central in MRI

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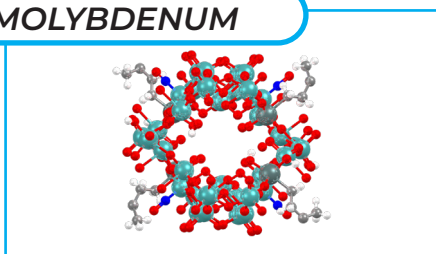


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CSD Refcode: NIYWAU

MOLYBDENUM



Element Frequency: **90,509**

Formula Weight: **6,800.18**

Space Group: **14**

Cell Volume: **8,073.75**

Publication Year: **2008**

*Molybdenum melts above
2,600 deg. C*

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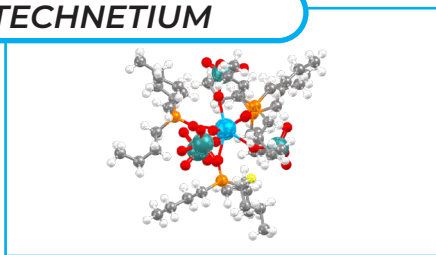


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CSD Refcode: WAHQOM

TECHNETIUM



Element Frequency: **1,238**

Formula Weight: **1,753.26**

Space Group: **29**

Cell Volume: **6,887.75**

Publication Year: **2005**

Technetium is a nuclear fission product

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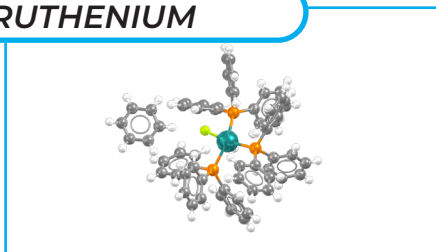


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CSD Refcode: TIKWIW

RUTHENIUM



Element Frequency: **57,521**

Formula Weight: **985.99**

Space Group: **14**

Cell Volume: **4,847.43**

Publication Year: **2018**

Ruthenium is named after the Latin name of Russia

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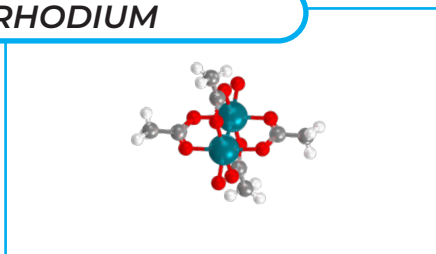


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CSD Refcode: ACAQRH10

RHODIUM



Element Frequency: **25,795**

Formula Weight: **478.02**

Space Group: **15**

Cell Volume: **1,428.06**

Publication Year: **1971**

Rhodium was the most valuable precious metal in 2019

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