

# Thomas Hartmann

## List of Publications by Year in descending order

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13  
papers

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citations

932766

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1125271

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all docs

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docs citations

15  
times ranked

758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on formation and properties of Al-Li-Sm alloy containing whiskers in molten salts. RSC Advances, 2015, 5, 75863-75869.	1.7	6
2	Structural stability of $WS_2$ under high pressure. International Journal of Modern Physics B, 2014, 28, 1450168.	1.0	26
3	Effect of Pressure and Temperature on Structural Stability of $MoS_2$ . Journal of Physical Chemistry C, 2014, 118, 3230-3235.	1.5	110
4	Synthetic and Coordination Chemistry of the Heavier Trivalent Technetium Binary Halides: Uncovering Technetium Triiodide. Inorganic Chemistry, 2013, 52, 14309-14316.	1.9	4
5	Formation of Tc metal in 12M HCl using Zn as a reductant. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1315-1321.	0.7	2
6	Technetium Tetrachloride Revisited: A Precursor to Lower-Valent Binary Technetium Chlorides. Inorganic Chemistry, 2012, 51, 8462-8467.	1.9	18
7	Characterization of Electrodeposited Technetium on Gold Foil. Journal of the Electrochemical Society, 2011, 158, E32.	1.3	12
8	Thermo-physical properties of DU-10wt.% Mo alloys. Journal of Nuclear Materials, 2010, 403, 160-166.	1.3	62
9	Properties of DU-10wt% Mo alloys subjected to various post-rolling heat treatments. Nuclear Engineering and Design, 2010, 240, 1332-1339.	0.8	60
10	Microstructural characteristics of DU-xMo alloys with x=7-12wt%. Journal of Alloys and Compounds, 2009, 479, 140-147.	2.8	39
11	Reaction Sequence and Kinetics of Uranium Nitride Decomposition. Inorganic Chemistry, 2009, 48, 10635-10642.	1.9	76
12	Oxidative ammonolysis of uranium(IV) fluorides to uranium(VI) nitride. Journal of Nuclear Materials, 2008, 374, 75-78.	1.3	33
13	Structural Studies of $TcO_2$ by Neutron Powder Diffraction and First-Principles Calculations. Journal of the American Chemical Society, 2007, 129, 10244-10248.	6.6	57