

# Thomas Hartmann

## List of Publications by Year in descending order

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13  
papers

505  
citations

932766

10  
h-index

1125271

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

758  
citing authors

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