

Thomas Hartmann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

411
citations

10
h-index

15
g-index

15
ext. papers

462
ext. citations

4.5
avg, IF

2.73
L-index

#	Paper	IF	Citations
13	Study on formation and properties of Al _{0.15} Bi _{0.85} alloy containing whiskers in molten salts. <i>RSC Advances</i> , 2015 , 5, 75863-75869	3.7	6
12	Effect of Pressure and Temperature on Structural Stability of MoS ₂ . <i>Journal of Physical Chemistry C</i> , 2014 , 118, 3230-3235	3.8	84
11	Structural stability of WS ₂ under high pressure. <i>International Journal of Modern Physics B</i> , 2014 , 28, 1450168	1.68	20
10	Synthetic and coordination chemistry of the heavier trivalent technetium binary halides: uncovering technetium triiodide. <i>Inorganic Chemistry</i> , 2013 , 52, 14309-16	5.1	2
9	Formation of Tc metal in 12 M HCl using Zn as a reductant. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 298, 1315-1321	1.5	2
8	Technetium tetrachloride revisited: a precursor to lower-valent binary technetium chlorides. <i>Inorganic Chemistry</i> , 2012 , 51, 8462-7	5.1	14
7	Characterization of Electrodeposited Technetium on Gold Foil. <i>Journal of the Electrochemical Society</i> , 2011 , 158, E32	3.9	10
6	Thermo-physical properties of DU _{0.10} wt.% Mo alloys. <i>Journal of Nuclear Materials</i> , 2010 , 403, 160-166	3.3	50
5	Properties of DU _{0.10} wt% Mo alloys subjected to various post-rolling heat treatments. <i>Nuclear Engineering and Design</i> , 2010 , 240, 1332-1339	1.8	49
4	Microstructural characteristics of DU _x Mo alloys with x=7 ₁₂ wt%. <i>Journal of Alloys and Compounds</i> , 2009 , 479, 140-147	5.7	34
3	Reaction sequence and kinetics of uranium nitride decomposition. <i>Inorganic Chemistry</i> , 2009 , 48, 10635-42	4.21	62
2	Oxidative ammonolysis of uranium(IV) fluorides to uranium(VI) nitride. <i>Journal of Nuclear Materials</i> , 2008 , 374, 75-78	3.3	31
1	Structural studies of TcO ₂ by neutron powder diffraction and first-principles calculations. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10244-8	16.4	47