

# Daniel Y Jung

## List of Publications by Year in descending order

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8  
papers

347  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of xenon oxides at high pressures. <i>Nature Chemistry</i> , 2013, 5, 61-65.	13.6	118
2	Ab initio study of the high-pressure behavior of CaSiO <sub>3</sub> perovskite. <i>Physics and Chemistry of Minerals</i> , 2005, 32, 146-153.	0.8	65
3	Large, larger, largest “a family of cluster-based tantalum copper aluminides with giant unit cells. II. The cluster structure. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 318-325.	1.8	55
4	Structural building principles of complex face-centered cubic intermetallics. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 269-292.	1.8	50
5	-Al <sub>13</sub> Co <sub>4</sub> , a new quasicrystal approximant. <i>Journal of Alloys and Compounds</i> , 2010, 500, 153-160.	5.5	34
6	Solid solution behaviour of CaSiO <sub>3</sub> and MgSiO <sub>3</sub> perovskites. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 311-319.	0.8	16
7	Crystal structure and high-pressure studies of WAl <sub>2</sub> , an aluminide crystallizing with the CrSi <sub>2</sub> structure type. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2719-2724.	2.9	8
8	Mechanical properties of clusters in quasicrystal approximants: The example of the 1/1 Al-Cu-Fe approximant. <i>Physical Review B</i> , 2011, 84, .	3.2	1