

Brent J Thorne

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

220
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between mineral composition, crystal structure and paragenetic sequence: the case of secondary Te mineralization at the Bird Nest drift, Otto Mountain, California, USA. <i>Mineralogical Magazine</i> , 2016, 80, 291-310.	1.4	26
2	Alfredopetrovite, a new selenite mineral from the El Dragón mine, Bolivia. <i>European Journal of Mineralogy</i> , 2016, 28, 479-484.	1.3	15
3	Crystal structure and revised chemical formula for burckhardtite, $Pb_2(Fe^{3+}_3Te^{6+}_6)[AlSi_3O_8]O_6$: a double-sheet silicate with intercalated phyllostellurite layers. <i>Mineralogical Magazine</i> , 2014, 78, 1763-1773.	1.4	9
4	Lead-tellurium oxysalts from Otto Mountain near Baker, California: X. Bairdite, $Pb_2Cu_4Te_6O_{10}(OH)_2(SO_4)(H_2O)$, a new mineral with thick HCP layers. <i>American Mineralogist</i> , 2013, 98, 1315-1321.	1.9	18
5	Lead-tellurium oxysalts from Otto Mountain near Baker, California: XI. Eckhardtite, $(Ca,Pb)Cu_2Te_6O_5(H_2O)$, a new mineral with HCP stair-step layers. <i>American Mineralogist</i> , 2013, 98, 1617-1623.	1.9	15
6	The Remarkable Occurrence of Rare Secondary Tellurium Minerals of Otto Mountain near Baker, California, Including Seven New Species. <i>Rocks and Minerals</i> , 2011, 86, 132-145.	0.1	21
7	Lead-tellurium oxysalts from Otto Mountain near Baker, California: I. Ottoite, Pb_2TeO_5 , a new mineral with chains of tellurate octahedra. <i>American Mineralogist</i> , 2010, 95, 1329-1336.	1.9	31
8	Lead-tellurium oxysalts from Otto Mountain near Baker, California: II. Housleyite, $Pb_6CuTe_4O_{18}(OH)_2$, a new mineral with Cu-Te octahedral sheets. <i>American Mineralogist</i> , 2010, 95, 1337-1342.	1.9	22
9	Lead-tellurium oxysalts from Otto Mountain near Baker, California: IV. Markcooperite, $Pb(UO_2)Te_6O_6$, the first natural uranyl tellurate. <i>American Mineralogist</i> , 2010, 95, 1554-1559.	1.9	24
10	Lead-tellurium oxysalts from Otto Mountain near Baker, California: V. Timroseite, $Pb_2Cu_5_2+(Te_6+O_6)_2(OH)_2$, and paratimroseite, $Pb_2Cu_4_2+(Te_6+O_6)_2(H_2O)_2$, two new tellurates with Te-Cu polyhedral sheets. <i>American Mineralogist</i> , 2010, 95, 1560-1568.	1.9	18
11	Lead-tellurium oxysalts from Otto Mountain near Baker, California: VI. Telluroperite, $Pb_3Te_4+O_4Cl_2$, the Te analog of perite and nadorite. <i>American Mineralogist</i> , 2010, 95, 1569-1573.	1.9	18
12	Flaggite, $Pb_4Cu_2_4Te_6_2(SO_4)_2O_{11}(C$ a new mineral with stair-step-like HCP layers from Tombstone, Arizona, USA. <i>Mineralogical Magazine</i> , 0, , 1-22.	1.4	3