

# Brent W Rudyk

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

181  
citations

1478505

6  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disentangling Structural Confusion through Machine Learning: Structure Prediction and Polymorphism of Equiatomic Ternary Phases $ABC$ . <i>Journal of the American Chemical Society</i> , 2017, 139, 17870-17881.	13.7	73
2	Rare-earth transition-metal indium sulphides $RE_3FeInS_7$ ( $RE=La\text{--}Pr$ ), $RE_3CoInS_7$ ( $RE=La, Ce$ ), and $La_3NiInS_7$ . <i>Journal of Solid State Chemistry</i> , 2013, 208, 78-85.	2.9	28
3	Rare-earth transition-metal gallium chalcogenides $RE_3MGaCh_7$ ( $M=Fe, Co, Ni$ ; $Ch=S, Se$ ). <i>Journal of Solid State Chemistry</i> , 2014, 210, 79-88.	2.9	24
4	Noncentrosymmetric rare-earth copper gallium chalcogenides $RE_3CuGaCh_7$ ( $RE=La\text{--}Nd$ ; $Ch=S, Se$ ): An unexpected combination. <i>Journal of Solid State Chemistry</i> , 2015, 229, 150-159.	2.9	19
5	Electronic structure of lanthanum copper oxychalcogenides $LaCuOCh$ ( $Ch=S, Se, Te$ ) by X-ray photoelectron and absorption spectroscopy. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1649-1654.	2.9	18
6	Metal ion displacements in noncentrosymmetric chalcogenides $La_3Ga_{1.67}S_7$ , $La_3Ag_{0.6}GaCh_7$ ( $Ch=S, Se$ ), and $La_3MGaSe_7$ ( $M=Zn, Cd$ ). <i>Journal of Solid State Chemistry</i> , 2016, 243, 221-231.	2.9	12
7	X-ray photoelectron and absorption spectroscopy of mixed lanthanum copper oxychalcogenides $LaCuOSe_{1-x}Te_x$ ( $0 \leq x \leq 1$ ). <i>Journal of Alloys and Compounds</i> , 2012, 514, 199-204.	5.5	4
8	$Cu_6Te_3S$ – a Cu-filled $Cr_3Si$ -structure variant. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.8	2
9	Quaternary rare-earth sulfides $Nd_7FeInS_{13}$ and $Pr_7CoInS_{13}$ . <i>Journal of Solid State Chemistry</i> , 2017, 251, 50-54.	2.9	1