

# Timothy Biswick

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

415  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

534  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of anhydrous zinc nitrate in the thermal decomposition of the zinc hydroxy nitrates $Zn_5(OH)_8(NO_3)_2 \cdot 2H_2O$ and $ZnOHNO_3 \cdot H_2O$ . <i>Journal of Solid State Chemistry</i> , 2007, 180, 1171-1179.	2.9	88
2	Synthesis and characterization of low-cost activated carbon prepared from Malawian baobab fruit shells by $H_3PO_4$ activation for removal of Cu(II) ions: equilibrium and kinetics studies. <i>Applied Water Science</i> , 2017, 7, 4301-4319.	5.6	68
3	Synthesis, characterisation and anion exchange properties of copper, magnesium, zinc and nickel hydroxy nitrates. <i>Journal of Solid State Chemistry</i> , 2006, 179, 49-55.	2.9	64
4	Evidence for the formation of anhydrous zinc acetate and acetic anhydride during the thermal degradation of zinc hydroxy acetate, $Zn_5(OH)_8(CH_3CO_2)_2 \cdot 4H_2O$ to ZnO. <i>Solid State Sciences</i> , 2009, 11, 330-335.	3.2	64
5	P-coumaric acid-zinc basic salt nanohybrid for controlled release and sustained antioxidant activity. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 647-649.	4.0	37
6	A synchrotron radiation study of the hydrothermal synthesis of layered double hydroxides from MgO and $Al_2O_3$ slurries. <i>Green Chemistry</i> , 2007, 9, 373.	9.0	35
7	Enhancing the UV A1 screening ability of caffeic acid by encapsulation in layered basic zinc hydroxide matrix. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1510-1513.	4.0	20
8	Synthesis and Characterization of Activated Carbons Prepared from Agro-Wastes by Chemical Activation. <i>Journal of Chemistry</i> , 2022, 2022, 1-13.	1.9	19
9	Adsorptive removal of methylene blue from aqueous solution on activated carbon prepared from Malawian baobab fruit shell wastes: Equilibrium, kinetics and thermodynamic studies. <i>Separation Science and Technology</i> , 2019, 54, 27-41.	2.5	15
10	Occurrence and ecological risk assessment of heavy metals in agricultural soils of Lake Chilwa catchment in Malawi, Southern Africa. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	5