Steve M Young

List of Publications by Year
in descending order

12	1,524	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	1976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Principles Calculation of the Shift Current Photovoltaic Effect in Ferroelectrics. Physical Review Letters, 2012, 109, 116601.	7.8	414
2	Power conversion efficiency exceeding the Shockleyâ€“Queisser limit in a ferroelectric insulator. Nature Photonics, 2016, 10, 611-616.	31.4	335
3	First-Principles Calculation of the Bulk Photovoltaic Effect in Bismuth Ferrite. Physical Review Letters, 2012, 109, 236601.	7.8	211
4	Ultrafast Photovoltaic Response in Ferroelectric Nanolayers. Physical Review Letters, 2012, 108, 087601.	7.8	150
5	Bulk Dirac Points in Distorted Spinels. Physical Review Letters, 2014, 112, 036403.	7.8	150
6	Theoretical investigation of the evolution of the topological phase of Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>under mechanical strain. Physical Review B, 2011, 84, .	3.2	115
7	First-principles calculation of the bulk photovoltaic effect in the polar compounds LiAsS2, LiAsSe2, and NaAsSe2. Journal of Chemical Physics, 2014, 141, 204704.	3.0	44
8	Prediction of a Linear Spin Bulk Photovoltaic Effect in Antiferromagnets. Physical Review Letters, 2013, 110, 057201.	7.8	43
9	Materials Design of Visible-Light Ferroelectric Photovoltaics from First Principles. Ferroelectrics, 2015, 483, 1-12.	0.6	27
10	Semiconducting ferroelectric perovskites with intermediate bands via<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>B</mml:mi></mml:math>-site<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi mathvariant="normal">Bi</mml:mi><mml:mrow><mml:mn>5</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> Physical Review B, 2014, 90, .	3.2	23
11	Reply to 'Reconsidering the Shockleyâ€“Queisser limit of a ferroelectric insulator device'. Nature Photonics, 2017, 11, 330-330.	31.4	2
12	The bulk photovoltaic effect as a platform for ultrafast, nanoscale photosensitive devices. , 2017, , .		0