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	The bulk photovoltaic effect as a platform for ultrafast, nanoscale photosensitive devices. , 2017, , .		0
2	Reply to 'Reconsidering the Shockleyâ€“Queisser limit of a ferroelectric insulator device'. Nature Photonics, 2017, 11, 330-330.	31.4	2
3	Power conversion efficiency exceeding the Shockleyâ€“Queisser limit in a ferroelectric insulator. Nature Photonics, 2016, 10, 611-616.	31.4	335
4	Materials Design of Visible-Light Ferroelectric Photovoltaics from First Principles. Ferroelectrics, 2015, 483, 1-12.	0.6	27
5	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
6	Bulk Dirac Points in Distorted Spinels. Physical Review Letters, 2014, 112, 036403.	7.8	150
7	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
8	Prediction of a Linear Spin Bulk Photovoltaic Effect in Antiferromagnets. Physical Review Letters, 2013, 110, 057201.	7.8	43
9	First-Principles Calculation of the Bulk Photovoltaic Effect in Bismuth Ferrite. Physical Review Letters, 2012, 109, 236601.	7.8	211
10	Ultrafast Photovoltaic Response in Ferroelectric Nanolayers. Physical Review Letters, 2012, 108, 087601.	7.8	150
11	First Principles Calculation of the Shift Current Photovoltaic Effect in Ferroelectrics. Physical Review Letters, 2012, 109, 116601.	7.8	414
12	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