

# Barry N Taylor

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

6,793  
citations

430874

18  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5115  
citing authors

#	ARTICLE	IF	CITATIONS
1	CODATA recommended values of the fundamental physical constants: 2018. <i>Reviews of Modern Physics</i> , 2021, 93, .	45.6	264
2	CODATA Recommended Values of the Fundamental Physical Constants: 2018. <i>Journal of Physical and Chemical Reference Data</i> , 2021, 50, .	4.2	81
3	Data and analysis for the CODATA 2017 special fundamental constants adjustment. <i>Metrologia</i> , 2018, 55, 125-146.	1.2	135
4	Quantity Calculus, Fundamental Constants, and SI Units. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2018, 123, 1-12.	1.2	6
5	CODATA Recommended Values of the Fundamental Physical Constants: 2014. <i>Journal of Physical and Chemical Reference Data</i> , 2016, 45, .	4.2	201
6	CODATA recommended values of the fundamental physical constants: 2014. <i>Reviews of Modern Physics</i> , 2016, 88, .	45.6	791
7	CODATA recommended values of the fundamental physical constants: 2010. <i>Reviews of Modern Physics</i> , 2012, 84, 1527-1605.	45.6	1,194
8	CODATA Recommended Values of the Fundamental Physical Constants: 2010. <i>Journal of Physical and Chemical Reference Data</i> , 2012, 41, 043109.	4.2	113
9	Adapting the International System of Units to the twenty-first century. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 3907-3924.	3.4	66
10	The current SI seen from the perspective of the proposed new SI. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2011, 116, 797.	1.2	8
11	Molar mass and related quantities in the New SI. <i>Metrologia</i> , 2009, 46, L16-L19.	1.2	27
12	CODATA recommended values of the fundamental physical constants: 2006. <i>Journal of Physical and Chemical Reference Data</i> , 2008, 37, 1187-1284.	4.2	116
13	CODATA recommended values of the fundamental physical constants: 2006. <i>Reviews of Modern Physics</i> , 2008, 80, 633-730.	45.6	881
14	Redefinition of the kilogram, ampere, kelvin and mole: a proposed approach to implementing CIPM recommendation 1 (CI-2005). <i>Metrologia</i> , 2006, 43, 227-246.	1.2	336
15	The determination of best values of the fundamental physical constants. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 2105-2122.	3.4	6
16	QED and the fundamental constants. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2005, 235, 1-6.	1.4	1
17	Precise Calculation of Transition Frequencies of Hydrogen and Deuterium Based on a Least-Squares Analysis. <i>Physical Review Letters</i> , 2005, 95, 163003.	7.8	40
18	CODATA recommended values of the fundamental physical constants: 2002. <i>Reviews of Modern Physics</i> , 2005, 77, 1-107.	45.6	657

#	ARTICLE	IF	CITATIONS
19	Redefinition of the kilogram: a decision whose time has come. <i>Metrologia</i> , 2005, 42, 71-80.	1.2	199
20	CODATA recommended values of the fundamental physical constants: 1998. <i>Reviews of Modern Physics</i> , 2000, 72, 351-495.	45.6	763
21	CODATA Recommended Values of the Fundamental Physical Constants: 1998. <i>Journal of Physical and Chemical Reference Data</i> , 1999, 28, 1713-1852.	4.2	283
22	The 1986 adjustment of the fundamental physical constants. <i>Reviews of Modern Physics</i> , 1987, 59, 1121-1148.	45.6	625