## Newton's constant and the twenty-first century laborat

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**Citation Report** 

#	Article	IF	CITATIONS
1	Introduction: The fundamental constants of physics, precision measurements and the base units of the SI. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2005, 363, 2101-2104.	3.4	8
2	Measurement of Density Inhomogeneity for Glass Pendulum. Chinese Physics Letters, 2008, 25, 4203-4206.	3.3	12
3	Improved Determination of <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"&gt;<mml:mi>G</mml:mi></mml:math> Using Two Methods. Physical Review Letters, 2013, 111, 101102.	7.8	85
4	The BIPM measurements of the Newtonian constant of gravitation, <i>G</i> . Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140032.	3.4	38
5	The attracting masses in measurements of <i>G</i> : an overview of physical characteristics and performance. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140022.	3.4	13
6	Unaccounted source of systematic errors in measurements of the Newtonian gravitational constant G. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 1202-1205.	2.1	3
7	Invited Review Article: Measurements of the Newtonian constant of gravitation, <i>G</i> . Review of Scientific Instruments, 2017, 88, 111101.	1.3	41
8	Shades of dark uncertainty and consensus value for the Newtonian constant of gravitation. Metrologia, 2019, 56, 054001.	1.2	19
9	Progress in Precise Measurements of the Gravitational Constant. Annalen Der Physik, 2019, 531, 1900013.	2.4	17
10	Precision measurement of the Newtonian gravitational constant. National Science Review, 2020, 7, 1803-1817.	9.5	15

Design of Electrostatic Feedback for an Experiment to Measure <i>G</i>., 2022, 1, 1-10.

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