

# Gennadiy Kovtun

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

163  
citations

1307594

7  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

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times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low background detector with enriched $^{116}\text{CdWO}_4$ crystal scintillators to search for double $\hat{I}^2$ decay of $^{116}\text{Cd}$ . Journal of Instrumentation, 2011, 6, P08011-P08011.	1.2	51
2	Ultrapurification of archaeological lead. Inorganic Materials, 2011, 47, 645-648.	0.8	29
3	Search for $2\hat{I}^2$ decays of $^{96}\text{Ru}$ and $^{104}\text{Ru}$ by ultralow-background HPGe $\hat{I}^3$ spectrometry at LNGS: Final results. Physical Review C, 2013, 87, .	2.9	21
4	First search for double- $\hat{I}^2$ decay of 184Os and 192Os. European Physical Journal A, 2013, 49, 1.	2.5	17
5	Development of radiopure cadmium tungstate crystal scintillators from enriched [ <sup>106</sup> Cd and [ <sup>116</sup> Cd to search for double beta decay. AIP Conference Proceedings, 2013, , .	0.4	15
6	Search for $\hat{I}^2$ decay of naturally occurring osmium nuclides accompanied by $\hat{I}^3$ quanta. Physical Review C, 2020, 102, .	2.9	11
7	First search for $\alpha$ decays of naturally occurring Hf nuclides with emission of $\gamma$ quanta. European Physical Journal A, 2020, 56, 1.	2.5	9
8	New experimental limits on double-beta decay of osmium. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 085104.	3.6	4
9	The growth of single crystals of Ni-W alloy under conditions of high temperature gradient. Crystallography Reports, 2004, 49, 307-311.	0.6	3
10	Searches for neutrinoless resonant double electron captures at LNGS. Journal of Physics: Conference Series, 2012, 375, 042024.	0.4	2
11	Double $\hat{I}^2$ experiments with the help of scintillation and HPGe detectors at Gran Sasso. , 2011, , .		1
12	Effect of annealing conditions on the mechanical properties of pure and molybdenum-coated niobium. Soviet Materials Science, 1972, 5, 618-620.	0.0	0
13	The effect of surface condition and titanium coatings on the mechanical properties of molybdenum in the temperature interval of the brittle-ductile transition. Soviet Materials Science, 1972, 5, 394-396.	0.0	0
14	The effect of chromium coatings on plastic deformation of silicon iron in tension. Soviet Materials Science, 1975, 10, 140-142.	0.0	0
15	Search for rare nuclear decays with HPGe detectors at the STELLA facility of the LNGS. , 2013, , .		0