

# Igal Jaegle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1325217/publications.pdf>

Version: 2024-02-01

13  
papers

199  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Readout technologies for directional WIMP Dark Matter detection. Physics Reports, 2016, 662, 1-46.	25.6	68
2	First measurements of beam backgrounds at SuperKEKB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 69-144.	1.6	38
3	The Directional Dark Matter Detector ( $D^{3D}$ ). EAS Publications Series, 2012, 53, 43-50.	0.3	33
4	3-D tracking in a miniature time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 788, 95-105.	1.6	18
5	Absolute position measurement in a gas time projection chamber via transverse diffusion of drift charge. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 789, 81-85.	1.6	15
6	Compact, directional neutron detectors capable of high-resolution nuclear recoil imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 945, 162296.	1.6	10
7	Simulation of the Directional Dark Matter Detector ( $D^{3D}$ ) and Directional Neutron Observer (DiNO). EAS Publications Series, 2012, 53, 111-118.	0.3	8
8	Charge-focusing readout of time projection chambers. , 2012, , .		2
9	Application of Time Projection Chambers with GEMs and Pixels to WIMP Searches and Fast Neutron Detection. Physics Procedia, 2012, 37, 567-574.	1.2	2
10	Time projection chambers with integrated pixels and their application to fast neutron detection and dark matter searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 260-263.	1.6	2
11	Primary track recovery in high-definition gas time projection chambers. European Physical Journal C, 2022, 82, 1.	3.9	2
12	First 3D vector tracking of helium recoils for fast neutron measurements at SuperKEKB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1026, 166066.	1.6	1
13	Mesons photoproduction off light nuclei. , 2012, , .		0