

# Shivani Shivani

## List of Publications by Year in descending order

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10  
papers

165  
citations

1478505

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h-index

1372567

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docs citations

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronization and Calibration of the 24-Modules J-PET Prototype With 300-mm Axial Field of View. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	8
2	Optimisation of the event-based TOF filtered back-projection for online imaging in total-body J-PET. Medical Image Analysis, 2021, 73, 102199.	11.6	10
3	Positronium imaging with the novel multiphoton PET scanner. Science Advances, 2021, 7, eabh4394.	10.3	79
4	Simulation studies of annihilation-photon's polarisation via Compton scattering with the J-PET tomograph. Hyperfine Interactions, 2019, 240, 1.	0.5	1
5	Feasibility studies of the polarization of photons beyond the optical wavelength regime with the J-PET detector. European Physical Journal C, 2018, 78, 970.	3.9	32
6	A feasibility study of the time reversal violation test based on polarization of annihilation photons from the decay of ortho-Positronium with the J-PET detector. Hyperfine Interactions, 2018, 239, 1.	0.5	2
7	Commissioning of the J-PET detector in view of the positron annihilation lifetime spectroscopy. Hyperfine Interactions, 2018, 239, 1.	0.5	10
8	Analysis Procedure of the Positronium Lifetime Spectra for the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1637-1641.	0.5	7
9	Time Calibration of the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1641-1645.	0.5	3
10	Preliminary Studies of J-PET Detector Spatial Resolution. Acta Physica Polonica A, 2017, 132, 1645-1649.	0.5	13