

Vijay Sai Kollipara

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Structural, optical and magnetic properties of Sm ³⁺ doped yttrium orthoferrite (YFeO ₃) obtained by sol-gel synthesis route. Journal of Physics Condensed Matter, 2020, 32, 035810.	1.8	30
2	Synergistic effect of trivalent (Gd ³⁺ , Sm ³⁺) and high-valent (Ti ⁴⁺) co-doping on antiferromagnetic YFeO ₃ . RSC Advances, 2020, 10, 22183-22195.	3.6	27
3	Physical properties and gamma radiation shielding capability of highly dense binary bismuth borate glasses. Ceramics International, 2021, 47, 9791-9805.	4.8	16
4	Precision electron-gamma spectroscopic measurements in the decay of ¹⁷⁷ Lu. Applied Radiation and Isotopes, 2011, 69, 869-874.	1.5	12
5	Characterization of isomers in the neutron-rich odd-odd nucleus ¹⁵⁶ Pm. Physical Review C, 2011, 83, .	2.9	11
6	Conversion electron measurements and determination of rotational parameters in ¹⁷⁷ Lu and ¹⁷⁷ Hf. European Physical Journal A, 2012, 48, 1.	2.5	11
7	Level structures in the odd-odd nucleus ¹⁵⁴ Pm. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 095107.	3.6	10
8	Study of magneto-supercapacitance properties of nickel cobalt ferrite-activated carbon composite. Journal of Energy Storage, 2021, 36, 102444.	8.1	10
9	Precision measurements in ¹²⁴ Te following the decay of ¹²⁴ Sb. Applied Radiation and Isotopes, 2006, 64, 693-699.	1.5	8
10	Precision electron-gamma spectroscopic measurements in ⁷⁵ As. European Physical Journal A, 2005, 26, 41-50.	2.5	7
11	Structure of the yrast band in the odd-odd deformed nucleus Pm . Physical Review C, 2011, 83, .	2.9	7
12	Evaluating the structure-property correlation in Y _{1-x} Nd _x FeO ₃ (0 ≤ x ≤ 0.15) perovskites. Ceramics International, 2021, 47, 30797-30806.	4.8	7
13	Gamma radiation shielding studies on highly dense barium bismuth borate glasses. International Journal of Applied Glass Science, 2022, 13, 211-222.	2.0	4
14	The 160.44 day ^{177m} Lu as a new gamma calibration standard. Radiation Physics and Chemistry, 2012, 81, 226-231.	2.8	3
15	Electron-gamma spectroscopic measurements in ¹³¹ Cs. Applied Radiation and Isotopes, 2008, 66, 377-388.	1.5	2
16	EC-decay of ¹³³ Ba revisited by electron-gamma spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 1001-1010.	1.5	2
17	New Measurements of Internal Conversion Coefficients in ^{111}Cd . Physics of Atomic Nuclei, 2021, 84, 817-825.	0.4	2
18	Ferromagnetic evolution in Nd ³⁺ , Ti ⁴⁺ co-doped antiferromagnetic YFeO ₃ . Materials Research Bulletin, 2021, 141, 111375.	5.2	1

#	ARTICLE	IF	CITATIONS
19	Precision Measurements of Internal Conversion Coefficients of Low Energy Transitions in ^{169}Tm for Efficiency Calibration of Electron Detectors. <i>Physics of Atomic Nuclei</i> , 2020, 83, 796-801.	0.4	1
20	Internal conversion coefficients of high multipole transitions: Experiment and theories. <i>Atomic Data and Nuclear Data Tables</i> , 2008, 94, 701-738.	2.4	0
21	Pure E2 transitions: A test for BRICC Internal Conversion Coefficients. , 2009, , .		0
22	Electron transmission in the Aharonov-Bohm Interferometer with (and without) a spin impurity: Effect of finite width of quantum wires. , 2009, , .		0