

# Vijay Sai Kollipara

## List of Publications by Year in descending order

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22  
papers

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1163117

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22  
docs citations

22  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma radiation shielding studies on highly dense barium bismuth borate glasses. International Journal of Applied Glass Science, 2022, 13, 211-222.	2.0	4
2	Physical properties and gamma radiation shielding capability of highly dense binary bismuth borate glasses. Ceramics International, 2021, 47, 9791-9805.	4.8	16
3	Study of magneto-supercapacitance properties of nickel cobalt ferrite-activated carbon composite. Journal of Energy Storage, 2021, 36, 102444.	8.1	10
4	EC-decay of $^{133}\text{Ba}$ revisited by electron-gamma spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 1001-1010.	1.5	2
5	Ferromagnetic evolution in $\text{Nd}^{3+}$ , $\text{Ti}^{4+}$ co-doped antiferromagnetic $\text{YFeO}_3$ . Materials Research Bulletin, 2021, 141, 111375.	5.2	1
6	Evaluating the structure-property correlation in $\text{Y}_{1-x}\text{Nd}_x\text{FeO}_3$ ( $0 \leq x \leq 0.15$ ) perovskites. Ceramics International, 2021, 47, 30797-30806.	4.8	7
7	New Measurements of Internal Conversion Coefficients in $^{111}\text{Cd}$ . Physics of Atomic Nuclei, 2021, 84, 817-825.	0.4	2
8	Synergistic effect of trivalent ( $\text{Gd}^{3+}$ , $\text{Sm}^{3+}$ ) and high-valent ( $\text{Ti}^{4+}$ ) co-doping on antiferromagnetic $\text{YFeO}_3$ . RSC Advances, 2020, 10, 22183-22195.	3.6	27
9	Structural, optical and magnetic properties of $\text{Sm}^{3+}$ doped yttrium orthoferrite ( $\text{YFeO}_3$ ) obtained by sol-gel synthesis route. Journal of Physics Condensed Matter, 2020, 32, 035810.	1.8	30
10	Precision Measurements of Internal Conversion Coefficients of Low Energy Transitions in $^{169}\text{Tm}$ for Efficiency Calibration of Electron Detectors. Physics of Atomic Nuclei, 2020, 83, 796-801.	0.4	1
11	Level structures in the odd-odd nucleus $^{154}\text{Pm}$ . Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 095107.	3.6	10
12	Conversion electron measurements and determination of rotational parameters in $^{177}\text{Lu}$ and $^{177}\text{Hf}$ . European Physical Journal A, 2012, 48, 1.	2.5	11
13	The 160.44 day $^{177\text{m}}\text{Lu}$ as a new gamma calibration standard. Radiation Physics and Chemistry, 2012, 81, 226-231.	2.8	3
14	Precision electron-gamma spectroscopic measurements in the decay of $^{177}\text{Lu}$ . Applied Radiation and Isotopes, 2011, 69, 869-874.	1.5	12
15	Structure of the yrast band in the odd-odd deformed nucleus $^{156}\text{Pm}$ . Physical Review C, 2011, 83, .	2.9	7
16	Characterization of isomers in the neutron-rich odd-odd nucleus $^{156}\text{Pm}$ . Physical Review C, 2011, 83, .	2.9	11
17	Pure E2 transitions: A test for BRICC Internal Conversion Coefficients. , 2009, , .		0
18	Electron transmission in the Aharonov-Bohm Interferometer with (and without) a spin impurity: Effect of finite width of quantum wires. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Electron-gamma spectroscopic measurements in $^{131}\text{Cs}$ . Applied Radiation and Isotopes, 2008, 66, 377-388.	1.5	2
20	Internal conversion coefficients of high multipole transitions: Experiment and theories. Atomic Data and Nuclear Data Tables, 2008, 94, 701-738.	2.4	0
21	Precision measurements in $^{124}\text{Te}$ following the decay of $^{124}\text{Sb}$ . Applied Radiation and Isotopes, 2006, 64, 693-699.	1.5	8
22	Precision electron-gamma spectroscopic measurements in $^{75}\text{As}$ . European Physical Journal A, 2005, 26, 41-50.	2.5	7