

# Irshad Ahmad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7575365/publications.pdf>

Version: 2024-02-01

51  
papers

1,224  
citations

361413

20  
h-index

361022

35  
g-index

51  
all docs

51  
docs citations

51  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decay spectroscopy of two-quasiparticle $K^{\pi}$ isomers in $Cm$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $K^{\pi}$	2.9	5
2	Decay properties of $2.05\text{-h}$ $^{95}_{245}Pu$ altimg="si0083.gif" overflow="scroll" $^{95}_{245}Pu$ Applied Radiation and Isotopes, 2019, 145, 106-108. Population and decay of a $^{95}_{245}Pu$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $^{95}_{245}Pu$	1.5	1
3	isomer in $Pu$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $Pu$	2.9	5
4	Precise absolute $\beta^+$ -ray and $\beta^+$ -decay branching intensities in the decay of $Cu2967$ . Physical Review C, 2015, 92, . xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $^{92}_{92}Cu$	2.9	5
5	Electron capture on $^{116}_{116}In$ and implications for nuclear structure related to double- $^{116}_{116}In$ Search for a 2-quasiparticle high- $K^{\pi}$ isomer in $Rf$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $^{116}_{116}In$	2.9	8
6	isomer in $Rf$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block"> $Rf$	2.9	28
7	of the low-energy $E^{\pi}$ component display="block"> $E^{\pi}$		

#	ARTICLE	IF	CITATIONS
19	Single-particle and collective degrees of freedom in $^{101}\text{Zr}$ and $^{103,105}\text{Mo}$ . Physical Review C, 2006, 73, .	2.9	30
20	Measurement of the lifetimes of the lowest $P_{1/2}$ state of neutral Ba and Ra. Physical Review A, 2006, 73, .	2.5	35
21	Structure Of Multi-Quasiparticle Isomers In The Region Of $^{177}\text{Lu}$ . AIP Conference Proceedings, 2005, , .	0.4	0
22	Structure of two-, four-, and six-quasiparticle isomers in $^{174}\text{Yb}$ and $K$ -forbidden decays. Physical Review C, 2005, 71, .	2.9	41
23	Search for x-ray induced decay of the 31-yr isomer of $^{178}\text{Hf}$ using synchrotron radiation. Physical Review C, 2005, 71, .	2.9	18
24	Shape coexistence and band crossings in $^{174}\text{Pt}$ . Physical Review C, 2004, 70, .	2.9	11
25	Influence of Nuclear Structure on Sub-Barrier Hindrance in $^{60}\text{Ni}+^{60}\text{Ni}$ Fusion. Physical Review Letters, 2004, 93, .	7.8	156
26	$K$ -Mixing and fast decay of a seven-quasiparticle isomer in $^{179}\text{Ta}$ . European Physical Journal A, 2004, 22, 23-27.	2.5	17
27	Search for x-ray induced decay of the 31-yr isomer of $^{178}\text{Hf}$ at low x-ray energies. Physical Review C, 2003, 67, .	2.9	25
28	Cranked relativistic Hartree-Bogoliubov theory: Probing the gateway to superheavy nuclei. Physical Review C, 2003, 67, .	2.9	150
29	In-beam $\gamma$ -ray spectroscopy of $^{172}\text{Pt}$ . Physical Review C, 2003, 67, .	2.9	9
30	Probing The Gateway To Superheavy Nuclei In Cranked Relativistic Hartree-Bogoliubov Theory. AIP Conference Proceedings, 2003, , .	0.4	0
31	Limits Of The Energy-Spin Phase Space Beyond The Proton Drip Line: Entry Distributions Of Pt And Au Isobars. AIP Conference Proceedings, 2003, , .	0.4	0
32	Possible triaxial superdeformation in $^{174}\text{Hf}$ . AIP Conference Proceedings, 2002, , .	0.4	0
33	MAGIC NUCLEUS $^{132}\text{Sn}$ AND $N = 81$ ISOTONES $^{131}\text{Sn}$ , $^{132}\text{Sb}$ , $^{133}\text{Te}$ . , 2002, , .		0
34	The Argonne Fragment Mass Analyzer and measurements of entry distributions. AIP Conference Proceedings, 2001, , .	0.4	0
35	Yrast three-quasiparticle isomers in neutron-rich $^{181}\text{Hf}$ . Physical Review C, 2001, 64, .	2.9	15
36	Search for X-Ray Induced Acceleration of the Decay of the 31-Yr Isomer of $^{178}\text{f}$ Using Synchrotron Radiation. Physical Review Letters, 2001, 87, 072503.	7.8	47

#	ARTICLE	IF	CITATIONS
37	TERNARY PARTICLES WITH EXTREME N/Z RATIOS FROM NEUTRON-INDUCED FISSION. , 2000, , .		0
38	An advanced ISOL facility based on ATLAS. , 1999, , .		5
39	High-Kisomers in neutron-rich hafnium nuclei at and beyond the stability line. Physical Review C, 1999, 59, R1227-R1231.	2.9	43
40	Opening up the $A \approx 180$ K-isomer landscape: inelastic excitation of new multi-quasiparticle yrast traps. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 239-245.	4.1	44
41	Three-valence-particle fission product $^{51}135\text{Sb}84$ . European Physical Journal A, 1998, 3, 109-110.	2.5	18
42	Three-Laboratory Measurement of the $^{44}\text{Ti}$ Half-Life. Physical Review Letters, 1998, 80, 2550-2553.	7.8	50
43	High-spin properties of octupole bands in $^{240}\text{Pu}$ and $^{248}\text{Cm}$ . Physical Review C, 1998, 57, R1056-R1059.	2.9	26
44	Positron-electron angular correlations in internal pair conversion. Physical Review C, 1998, 57, R2794-R2798.	2.9	2
45	Few-valence-particle excitations around doubly magic $^{132}\text{Sn}$ . Zeitschrift für Physik A, 1997, 358, 203-204.	0.9	9
46	The positron-electron peak puzzle: results from APEX. Zeitschrift für Physik A, 1997, 358, 235-236.	0.9	0
47	Fine structure in the $\beta^+$ decay of $^{192}\text{Po}$ . Zeitschrift für Physik A, 1996, 356, 3-4.	0.9	45
48	Half-Life Determination of $^{41}\text{Ca}$ and Some Other Radioisotopes. Radiocarbon, 1992, 34, 436-446.	1.8	11
49	Studies Towards a Method for Radiocalcium Dating of Bones. Radiocarbon, 1989, 31, 311-323.	1.8	18
50	Octupole states in $^{246}\text{Cm}$ and $^{248}\text{Cm}$ populated by inelastic deuteron scattering. Physical Review C, 1975, 12, 795-800.	2.9	23
51	Nuclear properties of $^{246}\text{Am}$ and $^{247}\text{Am}$ . Journal of Inorganic and Nuclear Chemistry, 1968, 30, 1345-1352.	0.5	25