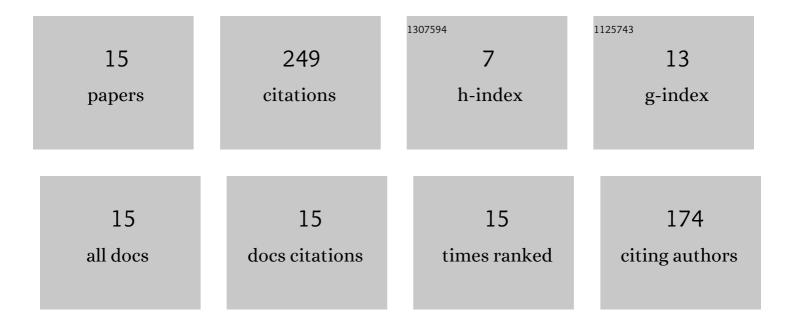
Pankaj Kumar Mishra

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Energy spectra and fluxes for Rayleigh-Bénard convection. Physical Review E, 2010, 81, 056316.	2.1	71
2	Presence of horizon makes particle motion chaotic. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 486-493.	4.1	70
3	Horizon induces instability locally and creates quantum thermality. Physical Review D, 2020, 102, .	4.7	25
4	Induction of chaotic fluctuations in particle dynamics in a uniformly accelerated frame. International Journal of Modern Physics A, 2020, 35, 2050081.	1.5	20
5	Role of dilution on the electronic structure and magnetic ordering of spinel cobaltites. Physical Review B, 2018, 98, .	3.2	17
6	Dynamic instability of microtubules: Effect of catastrophe-suppressing drugs. Physical Review E, 2005, 72, 051914.	2.1	12
7	Dynamics and statistics of reorientations of large-scale circulation in turbulent rotating Rayleigh-Bénard convection. Physics of Fluids, 2019, 31, 055112.	4.0	11
8	Enhanced heat flux and flow structures in turbulent Rayleigh-Bénard convection with rough boundaries. Physical Review Fluids, 2021, 6, .	2.5	6
9	Magnetic exchange interactions and band gap bowing in NixMg1â^xO (0.0 â‰≇€‰x â‰≇€‰1.0): A C functional study. Journal of Applied Physics, 2019, 126, 233904.	$GCA_{2.5}U$ der	ısity
10	Tailoring the electronic structure and magnetic properties of pyrochlore Co ₂ Ti _{1â^'x } Ge _x O ₄ : a GGA + U ab initio study. Journal of Physics Condensed Matter, 2021, 33, 145504.	1.8	4
11	Statistics of thermal plumes and dissipation rates in turbulent Rayleigh-Bénard convection in a cubic cell. International Journal of Heat and Mass Transfer, 2022, 182, 121995.	4.8	4
12	Effect of Ce substitution on the local magnetic ordering and phonon instabilities in antiferromagnetic DyCrO ₃ perovskites. Journal of Physics Condensed Matter, 2022, 34, 345803.	1.8	3
13	Energy transfers during dynamo reversals. Europhysics Letters, 2013, 104, 69002.	2.0	2
14	Significance of Prandtl Number on the Heat Transport and Flow Structure in Rotating Rayleigh–Bénard Convection. Journal of Heat Transfer, 2020, 142, .	2.1	0
15	Energy spectrum and energy budget of superfluid turbulence using two-fluid shell model. AIP Advances, 2022, 12, 025021.	1.3	0