

# Rajesh R Parwani

## List of Publications by Year in descending order

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29  
papers

659  
citations

759233

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552781

26  
g-index

30  
all docs

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docs citations

30  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	EFFECT OF MAXIMUM MOMENTUM ON QUANTUM MECHANICAL SCATTERING AND BOUND STATES. Modern Physics Letters A, 2013, 28, 1350061.	1.2	8
2	Constraints and spectra of a deformed quantum mechanics. Physical Review D, 2012, 86, .	4.7	21
3	INFORMATION AND PARTICLE PHYSICS. Modern Physics Letters A, 2011, 26, 681-689.	1.2	6
4	PROBING QUANTUM NONLINEARITIES THROUGH NEUTRINO OSCILLATIONS. Modern Physics Letters A, 2010, 25, 793-804.	1.2	1
5	NONLINEAR SCHRÖDINGER-PAULI EQUATIONS. , 2010, , .		0
6	INFORMATION-THEORETIC CORRECTIONS TO BLACK HOLE AREA QUANTISATION. International Journal of Modern Physics A, 2009, 24, 3561-3563.	1.5	1
7	Nonlinear quantum cosmology. General Relativity and Gravitation, 2009, 41, 2543-2560.	2.0	4
8	Properties of some nonlinear Schrödinger equations motivated through information theory. Journal of Physics: Conference Series, 2009, 174, 012043.	0.4	0
9	Integrable hierarchies and information measures. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 235207.	2.1	7
10	Common Axioms for Inferring Classical Ensemble Dynamics and Quantum Theory. AIP Conference Proceedings, 2006, , .	0.4	2
11	A Physical Axiomatic Approach to Schrodinger's Equation. International Journal of Theoretical Physics, 2006, 45, 1901-1913.	1.2	9
12	An information-theoretic link between spacetime symmetries and quantum linearity. Annals of Physics, 2005, 315, 419-452.	2.8	31
13	Information measures for inferring quantum mechanics. Journal of Physics A, 2005, 38, 6231-6237.	1.6	22
14	Why is Schrödinger's equation linear?. Brazilian Journal of Physics, 2005, 35, 494-496.	1.4	4
15	OBTAINING BOUNDS ON THE SUM OF DIVERGENT SERIES IN PHYSICS. International Journal of Modern Physics A, 2003, 18, 293-316.	1.5	5
16	Free energy of hot gauge theories. Physical Review D, 2001, 64, .	4.7	12
17	Borel resummation of the perturbative free energy of hot Yang-Mills theory. Physical Review D, 2001, 63, .	4.7	14
18	SPIN POLARIZATION BY EXTERNAL MAGNETIC FIELDS, AHARONOV-BOHM FLUX STRINGS, AND CHIRAL SYMMETRY BREAKING IN QED3. International Journal of Modern Physics A, 1996, 11, 1715-1731.	1.5	5

#	ARTICLE	IF	CITATIONS
19	On chiral symmetry breaking by external magnetic fields in QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 358, 101-105.	4.1	20
20	Screening of static electromagnetic fields in hot QED plasmas. Physical Review D, 1995, 52, 2543-2562.	4.7	44
21	Scaling of Aharonov-Bohm couplings and the dynamical vacuum in gauge theories. Physical Review D, 1995, 51, 919-923.	4.7	6
22	Higher-order corrections to the equation-of-state of QED at high temperature. Nuclear Physics B, 1995, 434, 56-84.	2.5	26
23	Three-Loop Equation of State of QED at High Temperature. Physical Review Letters, 1994, 73, 2398-2401.	7.8	24
24	The free energy of hot QED at fifth order. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 420-426.	4.1	32
25	Dimensionality of spacetime as a gauge-invariance parameter in Yang-Mills calculations. Physical Review D, 1993, 48, 3852-3859.	4.7	1
26	Resummation in a hot scalar field theory. Physical Review D, 1992, 45, 4695-4705.	4.7	264
27	Decoupling in (2 + 1)-dimensional QED?. Nuclear Physics B, 1991, 359, 483-497.	2.5	14
28	Analytic solutions of the SU(3) Yang-Mills field equations with external sources. Journal of Mathematical Physics, 1988, 29, 220-223.	1.1	1
29	Bifurcation in the Yang-Mills field equations with static sources. Physical Review D, 1987, 36, 2527-2531.	4.7	4