

# Pandey S N

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7458976/publications.pdf>

Version: 2024-02-01

21  
papers

408  
citations

759233

12  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple and unified approach to identify integrable nonlinear oscillators and systems. Journal of Mathematical Physics, 2006, 47, 023508.	1.1	76
2	Classification of Lie point symmetries for quadratic Li�nard type equation $\ddot{x}+f(x)\dot{x}^2+g(x)=0$ . Journal of Mathematical Physics, 2013, 54, .	1.1	51
3	Fractal characterization and wettability of ion treated silicon surfaces. Journal of Applied Physics, 2017, 121, .	2.5	45
4	A group theoretical identification of integrable equations in the Li�nard-type equation $\dot{x}^2+f(x)\dot{x}+g(x)=0$ . II. Equations having maximal Lie point symmetries. Journal of Mathematical Physics, 2009, 50, .	1.1	34
5	Entanglement sudden death and birth in qubit�qutrit systems under Dzyaloshinskii�Moriya interaction. Quantum Information Processing, 2013, 12, 3437-3447.	2.2	30
6	Sn-Doped In <sub>2</sub> O <sub>3</sub> Nanocrystalline Thin Films Deposited by Spray Pyrolysis: Microstructural, Optical, Electrical, and Formaldehyde-Sensing Characteristics. Journal of Thermal Spray Technology, 2013, 22, 1035-1043.	3.1	27
7	Entanglement dynamics in two-parameter qubit�qutrit states under Dzyaloshinskii�Moriya interaction. Quantum Information Processing, 2014, 13, 2017-2038.	2.2	22
8	Influence of Dzyaloshinskii�Moriya interaction on quantum correlations in two-qubit Werner states and MEMS. Quantum Information Processing, 2015, 14, 1361-1375.	2.2	22
9	A group theoretical identification of integrable cases of the Li�nard-type equation $\dot{x}^2+f(x)\dot{x}+g(x)=0$ . I. Equations having nonmaximal number of Lie point symmetries. Journal of Mathematical Physics, 2009, 50, .	1.1	19
10	Dzyaloshinskii�Moriya interaction as an agent to free the bound entangled states. Quantum Information Processing, 2016, 15, 1539-1551.	2.2	17
11	Robustness of Greenberger � Horne � Zeilinger and W states against Dzyaloshinskii-Moriya interaction. Quantum Information Processing, 2016, 15, 4995-5009.	2.2	14
12	Web-analogues one-dimensional iron hydroxide@cadmium hydroxide nanostructure: electrochemical supercapacitor. Journal of Materials Science: Materials in Electronics, 2021, 32, 22472-22480.	2.2	13
13	Lie point symmetries classification of the mixed Li�nard-type equation. Nonlinear Dynamics, 2015, 82, 1953-1968.	5.2	11
14	Influence of Cu on the Performance of Tuberoso Architecture of Strontium Hydroxide Thin Film as a Supercapacitor Electrode. ChemElectroChem, 2018, 5, 4021-4028.	3.4	8
15	Comment on �Determination of Limit Cycles for Strongly Nonlinear Oscillators�. Physical Review Letters, 2004, 93, 069401.	7.8	4
16	Retrieval of soil moisture by artificial neural network using X-band ground based data. Russian Agricultural Sciences, 2012, 38, 230-233.	0.2	3
17	Super and subluminal propagation in nonlinear Schr�dinger equation model with self-steepening and self-frequency shift. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550033.	1.8	3
18	The inverse problem of a mixed Li�nard-type nonlinear oscillator equation from symmetry perspective. Acta Mechanica, 2016, 227, 2039-2051.	2.1	2

#	ARTICLE	IF	CITATIONS
19	On state space modeling and order reduction of Chua's nonlinear model. , 2014, , .		1
20	DM interaction induced sudden death of entanglement in two parameter qubit-qutrit states. , 2015, , .		0
21	Response to "Comment on "Classification of Lie point symmetries for quadratic LiÅ©nard type equation $\dot{x} + f(x)\dot{x}^2 + g(x) = 0$ " [J. Math. Phys. 61, 044101 (2020)]. Journal of Mathematical Physics, 2020, 61, 044102.1.1		0