

R K Singh

List of Publications by Year in descending order

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51
papers

788
citations

623734

14
h-index

526287

27
g-index

51
all docs

51
docs citations

51
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 vaccine-related functional neurological disorders in the emergency department. Canadian Journal of Emergency Medicine, 2022, , 1.	1.1	6
2	Transport and tumbling of polymers in viscoelastic shear flow. Physical Review E, 2020, 102, 012605.	2.1	1
3	Indian consensus on the management of CRE infection in critically ill patients (ICONIC) – India. Expert Review of Anti-Infective Therapy, 2019, 17, 647-660.	4.4	10
4	A comparative study of seizures in arterial and venous stroke. International Journal of Epilepsy, 2017, 04, 006-011.	0.5	2
5	Incidence, risk factors and associated mortality of central line-associated bloodstream infections at an intensive care unit in northern India. International Journal for Quality in Health Care, 2016, 29, 63-67.	1.8	12
6	Epidemiology of central line-associated bloodstream infections at a tertiary care centre in northern India. Journal of Hospital Infection, 2016, 92, 299-301.	2.9	3
7	Isothermal and non-isothermal crystallization kinetics of PVA + ionic liquid [BDMIM][BF ₄]-based polymeric films. Phase Transitions, 2016, 89, 578-597.	1.3	14
8	Citelman syndrome, familial seizures, and demyelinating neuropathy: Rare association may be due to sodium potassium cotransporter genes. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2016, 27, 832.	0.3	0
9	Role of ionic liquid [BMIMPF ₆] in modifying the crystallization kinetics behavior of the polymer electrolyte PEO-LiClO ₄ . RSC Advances, 2015, 5, 8263-8277.	3.6	20
10	Determining diffusion coefficients of ionic liquids by means of field cycling nuclear magnetic resonance relaxometry. Journal of Chemical Physics, 2014, 140, 244509.	3.0	75
11	Effect of ionic liquid on the crystallization kinetics behaviour of polymer poly(ethylene oxide). CrystEngComm, 2013, 15, 6022.	2.6	30
12	FIRST-PRINCIPLE STUDY ON STRUCTURAL, ELASTIC AND ELECTRONIC PROPERTIES OF BINARY RARE EARTH INTERMETALLIC COMPOUNDS: GdCu AND GdZn. International Journal of Computational Materials Science and Engineering, 2012, 01, 1250005.	0.7	3
13	Prospective comparison of new Japanese Association for Acute Medicine (JAAM) DIC and International Society of Thrombosis and Hemostasis (ISTH) DIC score in critically ill septic patients. Thrombosis Research, 2012, 129, e119-e125.	1.7	44
14	Severe ovarian hyperstimulation syndrome leading to ICU admission. Saudi Journal of Anaesthesia, 2010, 4, 35.	0.7	2
15	Acoustic wave propagation in barium monochalcogenides in the B1 phase. Acoustical Physics, 2009, 55, 186-191.	1.0	1
16	ACOUSTICAL CHARACTERIZATION OF NANOSTRUCTURED METAL. International Journal of Nanoscience, 2008, 07, 315-323.	0.7	0
17	A Study of Clinical and Laboratory Features of 14 Indian Patients With Dysferlinopathy. Journal of Clinical Neuromuscular Disease, 2004, 6, 1-8.	0.7	12
18	Energy and angular distributions of electrons ejected from CH ₄ and C ₃ H ₈ under 16.0 keV electron impact. Pramana - Journal of Physics, 2003, 60, 1203-1215.	1.8	5

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19	Partial dissociative ionization of SF ₆ by electron impact using an ejected electron-ion coincidence technique. <i>Physical Review A</i> , 2003, 67, .	2.5	11
20	The emission of characteristic and non-characteristic x-rays from collisions of 10 ²² keV electrons with argon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3031-3042.	1.5	14
21	Hip Abduction Sign: A New Clinical Sign in Sarcoglycanopathies. <i>Journal of Clinical Neuromuscular Disease</i> , 2001, 3, 13-15.	0.7	9
22	Extractive spectrophotometric determination of palladium from acidic high activity nuclear waste. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1994, 177, 327-333.	1.5	6
23	A rapid and selective separation of palladium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 162, 155-162.	1.5	10
24	Cohesive and anharmonic elastic properties of mixed fluorite crystals. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1989, 11, 1405-1414.	0.4	2
25	Anharmonic Properties of Sodium Halides. <i>Physica Status Solidi (B): Basic Research</i> , 1985, 127, 95-101.	1.5	3
26	Diverse effects of formate on the assimilatory metabolism of nitrate and nitrite in <i>Rhizobium</i> . <i>Journal of Biosciences</i> , 1984, 6, 181-184.	1.1	4
27	Study of Cohesion, Harmonic and Anharmonic Elastic Properties of CaF ₂ –SrF ₂ Mixed Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1984, 123, 453-462.	1.5	11
28	Study of thermophysical and anharmonic properties of fluorite compounds. <i>Physica Status Solidi (B): Basic Research</i> , 1983, 115, 555-562.	1.5	5
29	Effect of three-body forces on thermophysical and anharmonic properties of rare gas solid mixtures. <i>Physica Status Solidi (B): Basic Research</i> , 1983, 116, 289-297.	1.5	5
30	Evaluation of Cohesive Energies for NaCl–NaBr Mixed Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1983, 118, K141.	1.5	1
31	Many-body interactions in rare-gas solid mixtures. <i>Journal of Physics C: Solid State Physics</i> , 1983, 16, 3409-3423.	1.5	15
32	Microhardness of mixed silver halides. <i>Journal Physics D: Applied Physics</i> , 1982, 15, 1053-1057.	2.8	1
33	Interionic potential and crystal properties of mixed diatomic solids. <i>Journal of Physics C: Solid State Physics</i> , 1982, 15, 1765-1779.	1.5	13
34	Study of cohesion and thermodynamical properties of fluorite-type AB ₂ crystals. <i>Journal of Chemical Physics</i> , 1982, 76, 2596-2601.	3.0	15
35	Role of Zero-Point Motion and Three-Body Effects in the Study of Crystal Properties of Rare Gas Solids. <i>Physica Status Solidi (B): Basic Research</i> , 1982, 112, 735-746.	1.5	16
36	Study of lattice statics and allied properties of zincblende-type compound semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1982, 114, 235-242.	1.5	9

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37	Debye-Waller factors for alkaline earth oxides. <i>Physica Status Solidi (B): Basic Research</i> , 1982, 114, 637-643.	1.5	2
38	Study of Cohesion and Allied Properties of Silver Halide Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1981, 103, 337-344.	1.5	19
39	Free-Carrier Doping and Many-Body Effects in Crystal Dynamics of Lead Sulphide Semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1981, 106, 229-236.	1.5	10
40	Role of Three-Body Interactions in Cohesive and Thermophysical Properties of Alkaline Earth Oxides. <i>Physica Status Solidi (B): Basic Research</i> , 1980, 99, 771-776.	1.5	13
41	An Interionic Potential Model for Crystal Properties of Alkali Hydrides. <i>Journal of the Physical Society of Japan</i> , 1980, 49, 1046-1050.	1.6	13
42	Nitrogen fixation by nitrate reductase deficient mutants of <i>Rhizobium japonicum</i> . <i>Indian Journal of Experimental Biology</i> , 1980, 18, 1165-7.	0.0	1
43	Dynamics and statics of sodium-halide crystals. <i>Physical Review B</i> , 1979, 20, 5379-5389.	3.2	17
44	Lattice dynamics of rare-earth mononictides. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1979, 49, 277-282.	0.2	3
45	A TSM study of lattice statics and dynamics of potassium chloride. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1979, 52, 113-123.	0.2	2
46	Extended three-body-force shell-model dynamics of sodium-halide crystals. <i>Physical Review B</i> , 1976, 14, 2625-2632.	3.2	40
47	The Dynamical Behaviour of Silver Chloride with Modified Shell Model. <i>Physica Status Solidi (B): Basic Research</i> , 1972, 51, 389-393.	1.5	18
48	Effect of Three-Body Interactions on the Shell Model of Alkali Halides: Application to KF and KCl. <i>Physica Status Solidi (B): Basic Research</i> , 1970, 38, 851-855.	1.5	36
49	The Contribution of Three-Body Overlap Forces to the Dynamical Matrix of Alkali Halides. <i>Physica Status Solidi (B): Basic Research</i> , 1969, 33, 769-778.	1.5	162
50	Effect of Three-Body Forces on the Shell Model of Alkali Halides: Application to KBr and KI. <i>Physica Status Solidi (B): Basic Research</i> , 1969, 36, 335-343.	1.5	52
51	Crystallization behaviour of polymeric membrane based on polymer PVDF-HFP and Ionic liquid BMIMBF ₄ . <i>RSC Advances</i> , 0, , .	3.6	10