

No.	Article Title	Authors	Journal	Vol.	Page	Yr.
1	X-ray structure of BaTiO <sub>3</sub> -Missed Opportunities	K. S. Chandrasekaran, S. K. Mohanlal R. Saravanan S. Israel	<i>Acta Cryst. B</i>	<b>B56</b>	918-919	2000
2	Tetrahedral distortion of Fluorine in CaF <sub>2</sub>	R. Saravanan S. K. Mohanlal	<i>Bulletin of Pure and Applied Sciences - D</i>	<b>19</b>	27-32	2000
3	Tests for precision of measured X-ray intensities	R. Saravanan S.K. Mohanlal	<i>Bulletin of Pure and Applied Sciences- D</i>	<b>19</b>	41-52	2000
4	X-ray Debye-Waller factors and electron density ditribution for BP and BAs	B. Chitra S. K. Mohanlal R. Saravanan	<i>Bulletin of Pure and Applied Sciences– D</i>	<b>19</b>	33-39	2000
5	Thermal vibrations of core and valence electrons in LiF	R. Saravanan S. K. Mohanlal	<i>Bulletin of Pure and Applied Sciences - D</i>	<b>18</b>	117-121	1999
7	Bonding in GaAs, CdTe and ZnTe	R. Saravanan Y. Ono T. Kajitani	<i>Society of App. Phy. (Japan),</i>		11pA1	1998
8	Modulated structure of CDW material 1T-TaS <sub>2</sub>	T. Takashima R. Saravanan T. Kajitani	<i>Society of App. Phy. (Japan),</i>		11pB9	1998
9	Visualization of covalent bonding electrons in GaAs and CdTe	Y.Ono R. Saravanan M. Ishiki T. Kajitani	<i>Phy. Soc. of Japan.(Japan)</i>		28AYK10	1998
10	Charge transfer in the bonding of GaAs	K.S. Chandrasekaran S. K. Mohanlal R. Saravanan	<i>Phys.Status Solidi B (Wiley Interscience)</i>	<b>196 (1)</b>	3-10	1996
11	Charge transfer in GaP and InP Germany)	R. Saravanan S. Israel N. Srinivasan S. K. Mohanlal	<i>Phys.Status Solidi B (Wiley Interscience)</i>	<b>194 (2)</b>	435-441	1996
12	Charge transfer in ZnSe	N. Srinivasan R. Saravanan S. Israel S. K. Mohanlal	<i>Crystal Research and Technology (Wiley InterScience)</i>	<b>31 (1)</b>	, K6-K8	1996
13	Temperature dependence of core and valence thermal vibrations in germanium	J. Jeyakanthan R. Saravanan S. K. Mohanlal	<i>Phys.Status Solidi B (Wiley Interscience)</i>	<b>190 (2)</b>	415-419	1995
14	Debye-Waller factors in Na <sub>x</sub> C <sub>60</sub>	N. Srinivasan R. Saravanan S. Israel S. K. Mohanlal	<i>Crystal Research and Technology (Wiley InterScience)</i>	<b>30 (3)</b>	K37-39	1995
15	f" of silicon from linear absorption measurements	N. Srinivasan S. Israel R. Saravanan S. K. Mohanlal	<i>Crystal Research and Technology (Wiley InterScience)</i>	<b>30 (1)</b>	K1-K3	1995

16	On the anharmonic vibrations in crystalline silicon	R. Saravanan S.K. Mohanlal M. Netaji	<i>Crystal Research and Technology (Wiley InterScience)</i>	30 (1)	115-120	1995
17	X-ray investigations on the defect structure of KCl with Cd <sup>++</sup> Impurities.	R. Saravanan S. K. Mohanlal	<i>Crystal Research and Technology (Wiley InterScience)</i>	30 (1)	55-62	1995
18	Core and valence thermal vibrations in diamond, silicon, and germanium	R. Saravanan P. Balamurugan S. K. Mohanlal	<i>Phys.Status Solidi B (Wiley Interscience)</i>	184 (2)	341-346	1994
19	Anharmonic effects in germanium	R. Saravanan S. K. Mohanlal M. Nethaji	<i>Phys.Status Solidi B (Wiley Interscience)</i>	183 (2)	359-364	1994
20	Anomalous dispersion correction terms of As and Sb	R. Saravanan S. K. Mohanlal	<i>Crystal Research and Technology (Wiley InterScience)</i>	29 (4)	555-559	1994
21	Charge transfer in the bonding of GaAs and InSb	K. S. Chandrasekaran S. K. Mohanlal R. Saravanan	<i>Proc.Sol.State.Phy.Sym. (DAE), (India)</i>	36c	77	1993
22	An X-ray search for anharmonicity in indium phosphide	R. Saravanan S.K. Mohanlal K.S. Chandrasekaran	<i>Z. Kristallogr.</i>	200 (1-2)	7-13	1992
23	Experimental determination of f <sup>o</sup> for Ga and In from Bijvoet ratio	R. Saravanan S. K. Mohanlal K. S. Chandrasekaran	<i>Crystal Research and Technology (Wiley InterScience)</i>	27	219-224	1992
24	Growth of LiNaSO <sub>4</sub> single crystals from a solution of stoichiometric pH value	S. R. Sahaya Prabakaran P. Muthu Subramanian R. Saravanan S. K. Mohanlal	<i>Bulletin of Materials Science (Indian Academy of Sciences)</i>	15(4)	355-362	1992
25	Experimental methods of evaluation of crystalline perfection in solar silicon ribbons.	R. Saravanan S.K. Mohanlal	<i>Physics Education (India) (Wiley Interscience)</i>	9(1)	, 20-28	1992
26	Polarity, Anharmonicity and Bond Charge Parameters in Compound III-V Semiconductors by X-ray Diffraction	R. Saravanan, S.K. Mohanlal and K. S. Chandrasekaran	<i>Proc.Sol.State.Phy.Sym. (DAE), (India)</i>	35	115	1992
	Anharmonic temperature factors, anomalous-dispersion effects and bonding charges in gallium arsenide,	R. Saravanan S. K. Mohanlal K. S. Chandrasekaran	<i>Acta Cryst. A (IUCr)</i>	A48	4-9	1992
28	Anomalous dispersion effects, anharmonic thermal vibrations and bonding charges in indium antimonide	R. Saravanan S. K. Mohanlal K. S. Chandrasekaran	<i>J. Phys. Chem. Solids (Elsevier)</i>	52 (7)	879-886	1991

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29	Investigations of Bijvoet differences and anharmonicity in gallium phosphide	R. Saravanan S. K. Mohanlal K. S. Chandrasekaran	<b><i>Phys.Status Solidi B</i></b> <b><i>(Wiley Interscience)</i></b>	<b>165</b> <b>(1)</b>	67-74	1991
30	IR, microhardness and etching studies of gel grown rubidium hydrogen tartrate crystals	S. Asath Bahadur R. Saravanan R. K. Rajaram, V. Ramakrishnan	<b><i>Crystal Research and Technology</i></b> <b><i>(Wiley InterScience)</i></b>	<b>25(11)</b>	K273-277	1990