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234	<input type="radio"/> Ultrafast degenerate pump-probe studies of Si-GaAs and LT-GaAs	Anusha, P.T., Tewari, S.P., Rao, S.V.	2012 2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012	0

<input type="radio"/> 235	Silica-sulfuric acid catalyzed nitrodeiodination of iodopyrazoles	Ravi, P., Gore, G.M., Sikder, A.K., Tewari, S.P.	2012 Synthetic Communications	4
	View at Publisher			
<input type="radio"/> 236	Fabrication of high dielectric constant and low loss X band ceramic waveguide window for High power applications	Bashaiah, S., Sharma, P.K., Raju, K.C.J.	2012 CODEC 2012 - 5th International Conference on Computers and Devices for Communication	0
	View at Publisher			
<input type="radio"/> 237	Fabrication of metal nano-entities using ultrafast ablation for SERS, photonics, and biomedical applications	Syed, H., Krishna Podagatlapalli, G., Hussian, A., (...), Tewari, S.P., Rao, S.V.	2012 2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012	1
<input type="radio"/> 238	Theoretical investigations on the structure, density, thermodynamic and performance properties of amino-, methyl-, and nitroimidazoles and their N-oxides	Ravi, P., Tewari, S.P.	2012 Structural Chemistry	5
	View at Publisher			
<input type="radio"/> 239	Time resolved spectral emission from AP amp; AN: Comparison with LIBS	Leela, C., Bagchi, S., Sreedhar, S., (...), Manoj Kumar, G., Prem Kiran, P.	2012 Optics InfoBase Conference Papers	0
<input type="radio"/> 240	Metal azides under pressure: An emerging class of high energy density materials	Vaitheeswaran, G., Babu, K.R.	2012 Journal of Chemical Sciences	10
	View at Publisher			
<input type="radio"/> 241	Time resolved spectral emission from AP & AN: Comparison with LIBS	Leela, C., Bagchi, S., Sreedhar, S., (...), Manoj Kumar, G., Prem Kiran, P.	2012 Optics InfoBase Conference Papers	0
<input type="radio"/> 242	CN, C2 molecular emissions from pyrazole studied using femtosecond LIBS	Nageswara Rao, E., Sreedhar, S., Tewari, S.P., Kumar, G.M., Rao, S.V.	2012 2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012	0
<input type="radio"/> 243	Time resolved spectral emission from AP amp; AN: Comparison with LIBS	Leela, C., Bagchi, S., Sreedhar, S., (...), Manoj Kumar, G., Prem Kiran, P.	2012 Optics InfoBase Conference Papers	0
<input type="radio"/> 244	Generation of THz radiation from Bow tie Photoconductive antennas based on Semi insulating Gallium Arsenide	Venkatesh, M., Rao, K.S., Abhilash, T.S., Tewari, S.P., Chaudhary, A.K.	2012 2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012	0
<input type="radio"/> 245	Growth of preferred oriented Ba0.5Sr0.5TiO 3 films on amorphous substrates by RF sputtering	Ramakanth, S., James Raju, K.C.	2012 AIP Conference Proceedings	0
	View at Publisher			
<input type="radio"/> 246	Plasmon-mediated vectorial topological dipole	Pidishety, S., Kumar, V., Viswanathan, N.K.	2012 Frontiers in Optics, FIO 2012	0
<input type="radio"/> 247	Generation of terahertz radiation in ZnGeP2 by difference frequency mixing technique using femto seconds laser system	Rao, K.S., Venkatesh, M., Tewari, S.P., Chaudhary, A.K.	2012 2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012	0
<input type="radio"/> 248	Time resolved spectral emission from AP & AN: Comparison with LIBS	Leela, C., Bagchi, S., Sreedhar, S., (...), Manoj Kumar, G., Prem Kiran, P.	2012 Optical Instrumentation for Energy and Environmental Applications, E2 2012	0
<input type="radio"/> 249	Synthesis of amino, azido, nitro, and nitrogen-rich azole-substituted derivatives of 1H-benzotriazole for high-energy materials applications	Srinivas, D., Ghule, V.D., Tewari, S.P., Muralidharan, K.	2012 Chemistry - A European Journal	17
	View at Publisher			
<input type="radio"/> 250	Time resolved spectral emission from AP & AN: Comparison with LIBS	Leela, C., Bagchi, S., Sreedhar, S., (...), Manoj Kumar, G., Prem Kiran, P.	2012 Solid-State and Organic Lighting, SOLED 2012	0
<input type="radio"/> 251	Study on third-order nonlinear optical properties of 4-methylsulfanyl chalcone derivatives using picosecond pulses	D'Silva, E.D., Podagatlapalli, G.K., Venugopal Rao, S., Dharmaparakash, S.M.	2012 Materials Research Bulletin	11
	View at Publisher			
<input type="radio"/> 252	Plasmon-mediated vectorial topological dipole: Formation and annihilation	Pidishety, S., Kumar, V., Viswanathan, N.K.	2012 Optics Letters	4

View at Publisher				
<input type="radio"/> 253 Pulsed photoacoustic spectroscopy of I2 and NO2	Yehya, F., Chaudhary, A.K.	2012International Journal of Thermophysics	4	
View at Publisher				
<input type="radio"/> 254 Microwave-assisted synthesis of 1-methyl-2,4,5-trinitroimidazole	Ravi, P., Tewari, S.P.	2012Propellants, Explosives, Pyrotechnics	2	
View at Publisher				
<input type="radio"/> 255 Computational studies on energetic properties of trinitro-substituted imidazole-triazole and pyrazole-triazole derivatives	Ghule, V.D.	2012Journal of Physical Chemistry A	15	
View at Publisher				
<input type="radio"/> 256 Structural, optical and electrical characteristics of a new NLO crystal	Dsilva, E.D., Krishna Podagatlapalli, G., Venugopal Rao, S., Dharmaparakash, S.M.	2012Optics and Laser Technology	12	
View at Publisher				
<input type="radio"/> 257 Compressibility and structural stability of CeN from experiment and theory. the B1-B2 transition	Olsen, J.S., Jorgensen, J.-E., Gerward, L., (...), Kanchana, V., Svane, A.	2012Journal of Alloys and Compounds	5	
View at Publisher				
<input type="radio"/> 258 Ultrafast excited-state dynamics and dispersion studies of third-order optical nonlinearities in novel Corroles	Anusha, P.T., Swain, D., Hamad, S., (...), Tewari, S.P., Venugopal Rao, S.	2012Journal of Physical Chemistry C	36	
View at Publisher				
<input type="radio"/> 259 High pressure study on structural and vibrational properties of NH 3BH 3	Lingam, Ch.B., Babu, K.R., Tewari, S.P., Vaitheeswaran, G.	2012Journal of Physics: Conference Series	2	Open Access
View at Publisher				
<input type="radio"/> 260 Vibrational properties of BaClF, BaBrF and BaIF under high pressure	Yedukondalu, N., Vaitheeswaran, G.	2012Journal of Physics: Conference Series	1	Open Access
View at Publisher				
<input type="radio"/> 261 Computational study of structural, electronic, and optical properties of crystalline NH 4N 3	Yedukondalu, N., Ghule, V.D., Vaitheeswaran, G.	2012Journal of Physical Chemistry C	16	
View at Publisher				
<input type="radio"/> 262 Computational studies on the triazole-based high energy materials	Ghule, V.D.	2012Computational and Theoretical Chemistry	5	Open Access
View at Publisher				
<input type="radio"/> 263 Effect of van der Waals interactions on the structural and elastic properties of black phosphorus	Appalakondaiah, S., Vaitheeswaran, G., Lebègue, S., Christensen, N.E., Svane, A.	2012Physical Review B - Condensed Matter and Materials Physics	60	
View at Publisher				
<input type="radio"/> 264 Molecular design of aminopolynitroazole-based high-energy materials	Ghule, V.D., Srinivas, D., Sarangapani, R., Jadhav, P.M., Tewari, S.P.	2012Journal of Molecular Modeling	3	
View at Publisher				
<input type="radio"/> 265 Dft study on the structure and detonation properties of amino, methyl, nitro, and nitroso substituted 3,4,5-trinitropyrazole-2-oxides: New high energy materials	Ravi, P., Gore, G.M., Sikder, A.K., Tewari, S.P.	2012Journal of Structural Chemistry	2	
View at Publisher				
<input type="radio"/> 266 Femtosecond-laser direct writing in polymers and potential applications in microfluidics and memory devices	Narayana, L., Kallepalli, D., Soma, V.R., Desai, N.R.	2012Optical Engineering	10	
View at Publisher				
<input type="radio"/> 267 Phthalocyanines, porphycenes, and corroles: Nonlinear optical properties and ultrafast dynamics	Venugopal Rao, S.	2012Proceedings of SPIE - The International Society for Optical Engineering	0	
View at Publisher				
<input type="radio"/> 268 Detection and analysis of low-frequency electromagnetic emissions from ns laser induced breakdown of air	Kumar, L.V., Leela, C., Manikanta, E., Tewari, S.P., Kiran, P.P.	2012Proceedings of SPIE - The International Society for Optical Engineering	0	
View at Publisher				
<input type="radio"/> 269 Ultrafast nonlinear optical studies of cyclo[4]naphthobipyrroles	Anusha, P.T., Swain, D., Sarma, T., Panda, P.K., Venugopal Rao, S.	2012Proceedings of SPIE - The International Society for Optical Engineering	2	
View at Publisher				

270	<input type="radio"/> Effect of lens tilt on SCE and filamentation characteristics of femtosecond pulses in air	Sreeja, S., Prashant, T.S., Leela, C., (...), Venugopal Rao, S., Kiran, P.P.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				
271	<input type="radio"/> Filamentation characteristics of focused fs pulses in atmosphere	Sreeja, S., Kumar, V.R., Leela, C., (...), Venugopal Rao, S., Kiran, P.P.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				
272	<input type="radio"/> Laser induced shock waves from structured surfaces	Leela, Ch., Kumar, V.R., Tewari, S.P., Kiran, P.P.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				
273	<input type="radio"/> Dynamic response of metals and alloys to laser induced shock waves	Manikanta, E., Venkateshwarlu, P., Sai Shiva, S., (...), Kumar, G.M., Kiran, P.P.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				
274	<input type="radio"/> Supercontinuum emission from water using fs pulses in the external tight focusing limit	Sreeja, S., Venugopal Rao, S., Radhakrishnan, P., Tewari, S.P., Kiran, P.P.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				
275	<input type="radio"/> Computational study on energetic properties of nitro derivatives of furan substituted azoles	Ghule, V.D., Srinivas, D., Radhakrishnan, S., Jadhav, P.M., Tewari, S.P.	2012 Structural Chemistry	5
View at Publisher				
276	<input type="radio"/> Electronic topological transition in LaSn ₃ under pressure	Ram, S., Kanchana, V., Vaitheeswaran, G., (...), Dugdale, S.B., Christensen, N.E.	2012 Physical Review B - Condensed Matter and Materials Physics	9
View at Publisher				
277	<input type="radio"/> Growth of superhydrophobic Zinc oxide nanowire thin films	Shaik, U.P., Kshirsagar, S., Krishna, M.G., (...), Dhar Purkayastha, D., Madhurima, V.	2012 Materials Letters	23
View at Publisher				
278	<input type="radio"/> Erratum: Surface-plasmon-enhanced MeV ions from femtosecond laser irradiated, periodically modulated surfaces (Physics of Plasmas (2012) 19 (030703))	Bagchi, S., Prem Kiran, P., Wang, W.-M., (...), Krishnamurthy, M., Ravindra Kumar, G.	2012 Physics of Plasmas	0
View at Publisher				
279	<input type="radio"/> Ab-initio study of structural and vibrational properties of KN ₃ under pressure	Ramesh Babu, K., Vaitheeswaran, G.	2012 Chemical Physics Letters	11
View at Publisher				
280	<input type="radio"/> Computational study on substituted s-triazine derivatives as energetic materials	Ghule, V.D., Radhakrishnan, S., Jadhav, P.M., Tewari, S.P.	2012 E-Journal of Chemistry	4
View at Publisher				
281	<input type="radio"/> Density functional study of electronic, bonding, and vibrational properties of Ca (NH ₂ BH ₃) ₂	Lingam, C.B., Babu, K.R., Tewari, S.P., Vaitheeswaran, G.	2012 Journal of Computational Chemistry	5
View at Publisher				
282	<input type="radio"/> Ultrafast excited state dynamics and dispersion studies of nonlinear optical properties in dinaphthoporphyrenes	Swain, D., Anusha, P.T., Shuvan Prashant, T., (...), Panda, P.K., Venugopal Rao, S.	2012 Applied Physics Letters	22
View at Publisher				
283	<input type="radio"/> A DFT study on the structure-property relationship of amino-, nitro- and nitrosotetrazoles, and their N-oxides: New high energy density molecules	Ravi, P., Tewari, S.P.	2012 Structural Chemistry	9
View at Publisher				
284	<input type="radio"/> Nitrodeiodination of polyiodopyrazoles	Ravi, P., Kotireddy, C., Saikia, A., (...), Kantisikder, A., Prakashtewari, S.	2012 Propellants, Explosives, Pyrotechnics	10
View at Publisher				
285	<input type="radio"/> Femtosecond and picosecond ablation of aluminum for synthesis of nanoparticles and nanostructures and their optical characterization	Hamad, S., Krishna Podagatlapalli, G., Sreedhar, S., Tewari, S.P., Venugopal Rao, S.	2012 Proceedings of SPIE - The International Society for Optical Engineering	5
View at Publisher				
286	<input type="radio"/> Ultrafast nonlinear optical studies of 3,8,13,18-tetrachloro-2,7,12,17-tetramethoxy porphyrin and its derivatives	Swain, D., Rana, A., Panda, P.K., Rao, S.V.	2012 Proceedings of SPIE - The International Society for Optical Engineering	0
View at Publisher				

View at Publisher				
<input type="radio"/> 306	New, high efficiency nonlinear optical chalco... structure-property relationship	D'Silva, E.D., Podagatlapalli, G.K., Rao, S.V., Rao, D.N., Dharmaprakash, S.M.	2011 Crystal Growth and Design Open Access	23
View at Publisher				
<input type="radio"/> 307	Quantum chemical studies on the structure and detonation properties of the fused polynitrodiazoles: New high energy density molecules	Ravi, P., Gore, G.M., Tewari, S.P., Sikder, A.K.	2011 International Journal of Quantum Chemistry	5
View at Publisher				
<input type="radio"/> 308	Femtosecond laser microfabrication in polymers towards memory devices and microfluidic applications	Deepak, K.L.N., Venugopal Rao, S., Narayana Rao, D.	2011 Proceedings of SPIE - The International Society for Optical Engineering	2
View at Publisher				
<input type="radio"/> 309	Femtosecond pump probe spectroscopy of novel corroles	Swain, D., Anusha, P.T., Hamad, S., (...), Giribabu, L., Rao, S.V.	2011 AIP Conference Proceedings	0
View at Publisher				
<input type="radio"/> 310	Interferometric and shadowgraphic studies of shock wave and cavitation bubble generated with Nd:YAG nano second laser pulses induced breakdown in water	Lakshmi, B.S., Leela, Ch., Bagchi, S., (...), Tewari, S.P., Ashoka, V.S.	2011 AIP Conference Proceedings	0
View at Publisher				
<input type="radio"/> 311	Supercontinuum emission from focused femtosecond laser pulses in air	Sreeja, S., Rao, S.V., Bagchi, S., (...), Tewari, S.P., Kiran, P.P.	2011 AIP Conference Proceedings	0
View at Publisher				
<input type="radio"/> 312	Supercontinuum emission from water using 40 fs pulses in the external tight focusing limit	Sreeja, S., Rao, S.V., Bagchi, S., (...), Tewari, S.P., Kiran, P.P.	2011 AIP Conference Proceedings	0
View at Publisher				
<input type="radio"/> 313	Femtosecond and picosecond optical nonlinearities of corroles studied using Z- scan technique	Hamad, S., Podagatlapalli, G.K., Giribabu, L., Tewari, S.P., Rao, S.V.	2011 AIP Conference Proceedings	2
View at Publisher				
<input type="radio"/> 314	Femtosecond laser direct writing and spectroscopic characterization of microstructures, craters, and gratings in bulk/thin films of polystyrene	Deepak, K.L.N., Rao, S.V., Rao, D.N.	2011 AIP Conference Proceedings	1
View at Publisher				
<input type="radio"/> 315	Multiphoton absorption studies in porphycenes using picosecond and femtosecond pulses	Swain, D., Anusha, P.T., Prashant, T.S., (...), Panda, P.K., Rao, S.V.	2011 AIP Conference Proceedings	2
View at Publisher				
<input type="radio"/> 316	Lattice dynamics and elastic properties of the 4f electron system: CeN	Kanchana, V., Vaitheeswaran, G., Zhang, X., (...), Svane, A., Eriksson, O.	2011 Physical Review B - Condensed Matter and Materials Physics	12
View at Publisher				
<input type="radio"/> 317	Enhancement of the crystalline perfection of <0 0 1> directed KDP single crystal	Rajesh, P., Sreedhar, S., Boopathi, K., Venugopal Rao, S., Ramasamy, P.	2011 Current Applied Physics	9
View at Publisher				
<input type="radio"/> 318	Computational design and structure-property relationship studies on heptazines	Ghule, V.D., Sarangapani, R., Jadhav, P.M., Pandey, R.K.	2011 Journal of Molecular Modeling	9
View at Publisher				
<input type="radio"/> 319	Structural, linear and enhanced third-order nonlinear optical properties of Bi ₁₂ SiO ₂₀ nanocrystals	Sekhar, H., Kiran, P.P., Rao, D.N.	2011 Materials Chemistry and Physics	11
View at Publisher				
<input type="radio"/> 320	Quantum chemical studies on the aminopolynitropyrazoles	Ravi, P., Gore, G.M., Tewari, S.P., Sikder, A.K.	2011 Journal of Molecular Modeling	0
View at Publisher				
<input type="radio"/> 321	Review on melt cast explosives	Ravi, P., Badgujar, D.M., Gore, G.M., Tewari, S.P., Sikder, A.K.	2011 Propellants, Explosives, Pyrotechnics	30
View at Publisher				
<input type="radio"/> 322	Electronic structure and optical properties of Ca(NH ₂ BH ₃) ₂ studied from GW calculations	Bheema Lingam, C., Ramesh Babu, K., Tewari, S.P., Vaitheeswaran, G., Lebègue, S.	2011 Journal of Physical Chemistry C	10
View at Publisher				
<input type="radio"/> 323	Two-photon and three-photon absorption in dinaphthoporphycenes	Venugopal Rao, S., Shuvan Prashant, T., Swain, D., (...), Panda, P.K., Tewari, S.P.	2011 Chemical Physics Letters	37
View at Publisher				

324	<input type="radio"/> Thermal stability of habit modified ammonium nitrate: Insights from isoconversional kinetic analysis	Vargeese, A.A., Muralidharan, K., Krishnamurthy, V.N.	2011 Thermochimica Acta	6
	View at Publisher			
325	<input type="radio"/> Anatase-brookite mixed phase nano TiO ₂ catalyzed homolytic decomposition of ammonium nitrate	Vargeese, A.A., Muralidharan, K.	2011 Journal of Hazardous Materials	16
	View at Publisher			
326	<input type="radio"/> Laser induced breakdown spectroscopy of high energy materials using nanosecond, picosecond, and femtosecond pulses: Challenges and opportunities	Rao, S.V., Sreedhar, S., Kumar, M.A., (...), Tewari, S.P., Kumar, G.M.	2011 Proceedings of SPIE - The International Society for Optical Engineering	3
	View at Publisher			
327	<input type="radio"/> Focusing of ultrashort sub-TW laser pulses in air - Supercontinuum emission	Kiran, P.P., Bagchi, S., Arnold, C.L., (...), Kumar, G.R., Couairon, A.	2011 Proceedings of SPIE - The International Society for Optical Engineering	1
	View at Publisher			
328	<input type="radio"/> Laser direct writing of photonic structures in X-cut lithium niobate using femtosecond pulses	Rao, S.V., Prashant, T.S., Deepak, K.L.N., (...), Kumar, G.M., Rao, D.N.	2011 Proceedings of SPIE - The International Society for Optical Engineering	0
	View at Publisher			
329	<input type="radio"/> Morphological and optical properties of wurtzite ZnTe thin films	Kshirsagar, S.D., Krishna, M.G., Tewari, S.P.	2011 AIP Conference Proceedings	1
	View at Publisher			
330	<input type="radio"/> Effects of thermal treatment on femtosecond laser fabricated diffraction gratings in polystyrene	Deepak, K.L.N., Rao, S.V., Rao, D.N.	2011 Applied Surface Science	8
	View at Publisher			
331	<input type="radio"/> Computational studies on tetrazole derivatives as potential high energy materials	Ghule, V.D., Radhakrishnan, S., Jadhav, P.M.	2011 Structural Chemistry	12
	View at Publisher			
332	<input type="radio"/> Picosecond nonlinear optical studies of gold nanoparticles synthesised using coriander leaves (<i>Coriandrum sativum</i>)	Rao, S.V.	2011 Journal of Modern Optics	16
	View at Publisher			
333	<input type="radio"/> Theoretical studies on amino- and methyl-substituted trinitrodiazoles	Ravi, P., Gore, G.M., Tewari, S.P., Sikder, A.K.	2011 Journal of Energetic Materials	7
	View at Publisher			
334	<input type="radio"/> Thermoelastic properties of ScB ₂ , TiB ₂ , YB ₄ and HoB ₄ : Experimental and theoretical studies	Waškowska, A., Gerward, L., Staun Olsen, J., (...), Levchenko, G., Lyaschenko, A.	2011 Acta Materialia	16
	View at Publisher			
335	<input type="radio"/> New strapped calix[4]pyrrole based receptor for anions	Samanta, R., Mahanta, S.P., Chaudhuri, S., Panda, P.K., Narahari, A.	2011 Inorganica Chimica Acta	6
	View at Publisher			
336	<input type="radio"/> Theoretical studies on polynitrobicyclo[1.1.1]pentanes in search of novel high energy density materials	Ghule, V.D., Sarangapani, R., Jadhav, P.M., Tewari, S.P.	2011 Chemical Papers	6
	View at Publisher			
337	<input type="radio"/> Growth and optical properties of chromium borate thin films	Jha, M., Kshirsagar, S.D., Ghanashyam Krishna, M., Ganguli, A.K.	2011 Solid State Sciences	1
	View at Publisher			
338	<input type="radio"/> Spectroscopic investigations of femtosecond laser irradiated polystyrene and fabrication of microstructures	Deepak, K.L.N., Kuladeep, R., Kumar, V.P., Rao, S.V., Rao, D.N.	2011 Optics Communications	9
	View at Publisher			
339	<input type="radio"/> Quantum chemical investigations on the structure-property relationship of aminopolynitrotriazoles	Ravi, P., Shee, S.K., Gore, G.M., Tewari, S.P., Sikder, A.K.	2011 Structural Chemistry	4
	View at Publisher			
340	<input type="radio"/> Structural, electronic, bonding, and elastic properties of NH ₃ BH ₃ : A density functional study	Lingam, C.B., Babu, K.R., Tewari, S.P., Vaitheeswaran, G.	2011 Journal of Computational Chemistry	17
	View at Publisher			
341	<input type="radio"/> Theoretical studies on nitrogen rich energetic azoles	Ghule, V.D., Sarangapani, R., Jadhav, P.M., Tewari, S.P.	2011 Journal of Molecular Modeling	27
	View at Publisher			
342	<input type="radio"/> Synthesis of 3,8,13,18-tetrachloro-2,7,12,17-tetramethoxy porphyrin	Rana, A., Panda, P.K.	2011 Tetrahedron Letters	7

View at Publisher				
<input type="radio"/> 343	High-pressure structural study of yttrium monochalcogenides from experiment and theory	Vaitheeswaran, G., Kanchana, V., Svane, A., (...), Jørgensen, J.-E., Gerward, L.	2011 Physical Review B - Condensed Matter and Materials Physics	8
View at Publisher				
<input type="radio"/> 344	Tuning of ring laser by varying the Gouy phase	Nirmala, K.S., Ramana, M.S., Tewari, S.P.	2011 Optics Communications	1
View at Publisher				
<input type="radio"/> 345	High-pressure study of lithium azide from density-functional calculations	Ramesh Babu, K., Bheema Lingam, C., Tewari, S.P., Vaitheeswaran, G.	2011 Journal of Physical Chemistry A	16
View at Publisher				
<input type="radio"/> 346	Ultrafast nonlinear optical properties and excited state dynamics of phthalocyanine thin films	Venugopal Rao, S., Anusha, P.T., Prashant, T.S., Swain, D., Tewari, S.P.	2011 Proceedings of SPIE - The International Society for Optical Engineering	2
View at Publisher				
<input type="radio"/> 347	Electronic structure, optical properties, and bonding in alkaline-earth halofluoride scintillators: BaClF, BaBrF, and BaIF	Yedukondalu, N., Babu, K.R., Bheemalingam, C., (...), Vaitheeswaran, G., Kanchana, V.	2011 Physical Review B - Condensed Matter and Materials Physics	11
View at Publisher				
<input type="radio"/> 348	HoB ₄ at high pressure and low temperature: An experimental and theoretical study	Olsen, J.S., Waśkowska, A., Gerward, L., (...), Shitsevalova, N., Filippov, V.B.	2011 High Pressure Research	2
View at Publisher				
<input type="radio"/> 349	Luminescent microstructures in bulk and thin films of PMMA, PDMS, PVA, and PS fabricated using femtosecond direct writing technique	Deepak, K.L.N., Kuladeep, R., Venugopal Rao, S., Narayana Rao, D.	2011 Chemical Physics Letters	10
View at Publisher				
<input type="radio"/> 350	Structural, thermodynamic and optical properties of MgF ₂ studied from first-principles theory	Ramesh Babu, K., Bheema Lingam, C., Auluck, S., Tewari, S.P., Vaitheeswaran, G.	2011 Journal of Solid State Chemistry	38
View at Publisher				
<input type="radio"/> 351	Quantum chemical studies on beryllium hydride oligomers	Lingam, C.B., Ramesh Babu, K., Tewari, S.P., Vaitheeswaran, G.	2011 Computational and Theoretical Chemistry	5
View at Publisher			Open Access	
<input type="radio"/> 352	Dinaphthoporphycenes: Synthesis and nonlinear optical studies	Sarma, T., Panda, P.K., Anusha, P.T., Rao, S.V.	2011 Organic Letters	49
View at Publisher				
<input type="radio"/> 353	Bright, low debris, ultrashort hard x-ray table top source using carbon nanotubes	Bagchi, S., Kiran, P.P., Yang, K., (...), Krishnamurthy, M., Kumar, G.R.	2011 Physics of Plasmas	19
View at Publisher				
<input type="radio"/> 354	Quasiparticle band structure and optical properties of NH ₃ BH ₃	Bheema Lingam, C., Ramesh Babu, K., Tewari, S.P., Vaitheeswaran, G., Lebègue, S.	2011 Physica Status Solidi - Rapid Research Letters	3
View at Publisher				
<input type="radio"/> 355	Electronic structure calculations and structure-property relationships on aromatic nitro compounds	Ghule, V.D., Radhakrishnan, S., Jadhav, P.M., Patil, R.S., Tewari, S.P.	2011 Advanced Science Letters	1
View at Publisher			Open Access	
<input type="radio"/> 356	Femtosecond laser-fabricated microstructures in bulk poly(methylmethacrylate) and poly(dimethylsiloxane) at 800 nm towards lab-on-a-chip applications	Deepak, K.L.N., Rao, V.S., Rao, N.D.	2010 Pramana - Journal of Physics	12
View at Publisher			Open Access	
<input type="radio"/> 357	Surface roughness-aided hard X-ray emission from carbon nanotubes	Bagchi, S., Kiran, P.P., Bhuyan, M.K., (...), Rao, A.M., Kumar, G.R.	2010 Pramana - Journal of Physics	0
View at Publisher			Open Access	
<input type="radio"/> 358	Density functional study of the electronic structure and lattice dynamics of SrCl ₂	Kanchana, V., Vaitheeswaran, G., Souvatzis, P., Eriksson, O., Lebègue, S.	2010 Journal of Physics Condensed Matter	2
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