

Chandrabhas Narayana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/601480/publications.pdf>

Version: 2024-02-01

166
papers

4,279
citations

126708

33
h-index

138251

58
g-index

168
all docs

168
docs citations

168
times ranked

6881
citing authors

#	ARTICLE	IF	CITATIONS
1	Polaronic Signatures in Doped and Undoped Cesium Lead Halide Perovskite Nanocrystals through a Photoinduced Raman Mode. ACS Applied Materials & Interfaces, 2022, 14, 5567-5577.	4.0	1
2	Stability of zeolitic imidazolate frameworks (ZIF-7) under high pressures and its implications on storage applications of ZIFs. Journal of Solid State Chemistry, 2022, 309, 122973.	1.4	2
3	Secondary phase limited metal-insulator phase transition in chromium nitride thin films. Acta Materialia, 2022, 227, 117737.	3.8	9
4	Effects of Ga doping on the phase transitions of V_2O_3 . Physical Review B, 2022, 105, .	1.1	2
5	Erythroid spectrin binding modulates peroxidase and catalase activity of heme proteins. IUBMB Life, 2022, 74, 474-487.	1.5	1
6	Two for one: propylene carbonate co-solvent for high performance aqueous zinc-ion batteries – remedies for persistent issues at both electrodes. Journal of Materials Chemistry A, 2022, 10, 12597-12607.	5.2	11
7	Spin reorientation to a 3^2 configuration and. Physical Review B, 2022, 105, .	1.1	4
8	Modulation of biliverdin dynamics and spectral properties by Sandercyanin. RSC Advances, 2022, 12, 20296-20304.	1.7	0
9	Unusual CO_2 Adsorption in ZIF-7: Insight from Raman Spectroscopy and Computational Studies. Inorganic Chemistry, 2022, 61, 11571-11580.	1.9	4
10	Covalent Graphene-MOF Hybrids for High-Performance Asymmetric Supercapacitors. Advanced Materials, 2021, 33, e2004560.	11.1	121
11	Sb ₂ Te ₃ /graphite nanocomposite: A comprehensive study of thermal conductivity. Journal of Materiomics, 2021, 7, 545-555.	2.8	5
12	The CdTiO ₃ /BaTiO ₃ superlattice interface from first principles. Nanoscale, 2021, 13, 8506-8513.	2.8	3
13	Interfacial tetrazine click chemistry mediated assembly of multifunctional colloidosomes. Chemical Communications, 2021, 57, 9534-9537.	2.2	2
14	Asymmetric Supercapacitors: Covalent Graphene-MOF Hybrids for High-Performance Asymmetric Supercapacitors (Adv. Mater. 4/2021). Advanced Materials, 2021, 33, 2170028.	11.1	8
15	Divalent Ion-Induced Switch in DNA Cleavage of KpnI Endonuclease Probed through Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry B, 2021, 125, 2241-2250.	1.2	3
16	Brillouin light scattering study of microscopic structure and dynamics in pyrrolidinium salt based ionic liquids. Solid State Ionics, 2021, 363, 115603.	1.3	0
17	Pressure-Induced Loss of Long-Range Structural Order in MFM-300(Al): An X-ray Diffraction and Raman Spectroscopic Study. Journal of Physical Chemistry C, 2021, 125, 15472-15478.	1.5	1
18	Pressure-driven evolution of structural distortions in RCrO ₃ perovskites: The curious case of LaCrO ₃ . Solid State Sciences, 2021, 119, 106708.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Mechanistic insights into the promotional effect of Ni substitution in non-noble metal carbides for highly enhanced water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120560.	10.8	41
20	A multifunctional covalently linked graphene-MOF hybrid as an effective chemiresistive gas sensor. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17434-17441.	5.2	26
21	Harvesting Delayed Fluorescence in Perovskite Nanocrystals Using Spin-Forbidden Mn d States. <i>ACS Energy Letters</i> , 2020, 5, 353-359.	8.8	18
22	Functional Monochalcogenides: Raman Evidence Linking Properties, Structure, and Metavalent Bonding. <i>Physical Review Letters</i> , 2020, 125, 145301.	2.9	15
23	Chemical ordering and pressure-induced isostructural and electronic transitions in MoSSe crystal. <i>Physical Review B</i> , 2020, 102, .	1.1	12
24	Surface-Enhanced Raman Spectroscopy as a Tool for Distinguishing Extracellular Vesicles under Autophagic Conditions: A Marker for Disease Diagnostics. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10952-10960.	1.2	19
25	Minerals to Functional Materials: Characterization of Structural Phase Transitions and Raman Analysis of a Superionic Phase in Na ₆ Co(SO ₄) ₄ . <i>Inorganic Chemistry</i> , 2020, 59, 8424-8431.	1.9	3
26	Understanding the Mechanism of Ferroelectric Phase Transition in RbHSO ₄ : A High-Pressure Raman Investigation. <i>Inorganic Chemistry</i> , 2020, 59, 7960-7965.	1.9	4
27	Role of bonding nature on the temperature dependent erosion behavior of solid materials: A detailed high temperature Raman spectroscopic analysis. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	5
28	Deconvolution of phase-size-strain effects in metal carbide nanocrystals for enhanced hydrogen evolution. <i>Nanoscale</i> , 2020, 12, 15414-15425.	2.8	11
29	Role of Explicit Solvation in the Simulation of Resonance Raman Spectra within Short-Time Dynamics Approximation. <i>Journal of Physical Chemistry B</i> , 2019, 123, 8800-8813.	1.2	1
30	Designing dendronic-Raman markers for sensitive detection using surface-enhanced Raman spectroscopy. <i>RSC Advances</i> , 2019, 9, 28222-28227.	1.7	1
31	Pressure induced topological and structural phase transitions in 1T-TiSe ₂ : a Raman study. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 165401.	0.7	9
32	Growth of ReS ₂ thin films by pulsed laser deposition. <i>Thin Solid Films</i> , 2019, 685, 81-87.	0.8	7
33	Phonon signatures of multiple topological quantum phase transitions in compressed $TlBiS_2$: A combined experimental and theoretical study. <i>Physical Review B</i> , 2019, 99, .	1.1	10
34	Structural, magnetotransport and Hall coefficient studies in ternary Bi ₂ Te ₂ Se, Sb ₂ Te ₂ Se and Bi ₂ Te ₂ S tetradymite topological insulating compounds. <i>Journal of Alloys and Compounds</i> , 2019, 794, 195-202.	2.8	11
35	Metal-Organic Framework (MOF) Derived Electrodes with Robust and Fast Lithium Storage for Li-Ion Hybrid Capacitors. <i>Advanced Functional Materials</i> , 2019, 29, 1900532.	7.8	141
36	Pressure-Induced Phase Transitions in Germanium Telluride: Raman Signatures of Anharmonicity and Oxidation. <i>Physical Review Letters</i> , 2019, 122, 145701.	2.9	33

#	ARTICLE	IF	CITATIONS
37	In Situ Neutron Diffraction Studies of $\text{LiCe}(\text{WO}_4)_2$ Polymorphs: Phase Transition and Structure-Property Correlation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1041-1049.	1.5	9
38	Structural phase transitions in aluminium above 320 GPa. <i>Comptes Rendus - Geoscience</i> , 2019, 351, 243-252.	0.4	12
39	Phase Transitions in Materials. , 2019, , 249-274.		0
40	Distinct Phase Formation of $\text{Bi}(\text{RE})\text{WO}_6$ ($\text{RE} = \text{La}$ - Yb) Nanoparticles by a One Step Hydrothermal Synthesis and Their Photocatalytic Applications. <i>Crystal Growth and Design</i> , 2018, 18, 1935-1939.	1.4	10
41	Understanding the adhesion and optical properties of eutectic metal alloys for solution-processed electronics. <i>Journal of Applied Physics</i> , 2018, 123, 083104.	1.1	0
42	Structural, vibrational, and electrical properties of RE_2TeO_7 under hydrostatic pressure: Experiments and theory. <i>Physical Review B</i> , 2018, 97, .	1.1	63
43	High Surface Area $\text{SnO}_2/\text{Ta}_2\text{O}_5$ Composite for Visible Light-Driven Photocatalytic Degradation of an Organic Dye. <i>Photochemistry and Photobiology</i> , 2018, 94, 633-640.	1.3	15
44	Publisher's Note: Magnetostructural coupling and magnetodielectric effects in the $\text{LiFeCr}_4\text{O}_8$ -site cation-ordered spinel $\text{LiFeCr}_4\text{O}_8$ [Phys. Rev. B 96 , 214439 (2017)]. <i>Physical Review B</i> , 2018, 97, .	1.1	1
45	Pressure induced band inversion, electronic and structural phase transitions in InTe : A combined experimental and theoretical study. <i>Physical Review B</i> , 2018, 97, .	1.1	31
46	Tailored periodic Si nanopillar based architectures as highly sensitive universal SERS biosensing platform. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 264-271.	4.0	42
47	Nature of electric field driven ferroelectric phase transition in lead-free $\text{Na}_1/2\text{Bi}_{1/2}\text{TiO}_3$: In-situ temperature dependent ferroelectric hysteresis and Raman scattering studies. <i>Journal of Alloys and Compounds</i> , 2018, 732, 945-951.	2.8	14
48	Impact of Average, Local, and Electronic Structure on Visible Light Photocatalysis in Novel $\text{Bi}(\text{RE})\text{WO}_6$ ($\text{RE} = \text{Eu}$ and Tb) Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35876-35887.	4.0	15
49	Optical nonlinearity and charge transfer analysis of 4-[(E)-2-(2,4,6-Trinitrophenyl) ethylidene] benzonitrile adsorbed on silver nanoparticles: Computational and experimental investigations. <i>Optics and Laser Technology</i> , 2018, 107, 454-467.	2.2	7
50	Theoretical and experimental approach to the investigation of hyperpolarizability and charge transfer characteristics of NLO active 2,3,4,5-pentamethoxy chalcone with silver atoms adsorbed. <i>Optical Materials</i> , 2018, 84, 409-421.	1.7	13
51	Extraordinarily Stable Noncubic Structures of Au: A High-Pressure and -Temperature Study. <i>Chemistry of Materials</i> , 2017, 29, 1485-1489.	3.2	20
52	Novel Heterogeneous SO_3Na -Carbon Transesterification Catalyst for the Production of Biodiesel. <i>ChemistrySelect</i> , 2017, 2, 1925-1931.	0.7	15
53	$\text{Bi}_4\text{TaO}_8\text{Cl}$ Nano-Photocatalyst: Influence of Local, Average, and Band Structure. <i>Inorganic Chemistry</i> , 2017, 56, 5525-5536.	1.9	37
54	Substrate induced tuning of compressive strain and phonon modes in large area MoS_2 and WS_2 van der Waals epitaxial thin films. <i>Journal of Crystal Growth</i> , 2017, 470, 51-57.	0.7	18

#	ARTICLE	IF	CITATIONS
55	Incipient ferroelectric to a possible ferroelectric transition in Te ⁴⁺ doped calcium copper titanate (CaCu ₃ Ti ₄ O ₁₂) ceramics at low temperature as evidenced by Raman and dielectric spectroscopy. AIP Advances, 2017, 7, 035105.	0.6	9
56	Disorder-order phase transition at high pressure in ammonium fluoride. Physical Review B, 2017, 96, .	1.1	7
57	In Situ Growth of Self-Assembled ZIF-8@Aminoclay Nanocomposites with Enhanced Surface Area and CO ₂ Uptake. Inorganic Chemistry, 2017, 56, 9426-9435.	1.9	26
58	Proton Conduction in a Quaternary Organic Salt: Its Phase Behavior and Related Spectroscopic Studies. Journal of Physical Chemistry C, 2017, 121, 18317-18325.	1.5	7
59	Magnetostructural coupling and magnetodielectric effects in the site cation-ordered spinel LiFeC_4O_8 .		19
60	Conformational Analysis of Molecules: Combined Vibrational Spectroscopy and Density Functional Theory Study. , 2016, , .		0
61	Understanding guest and pressure-induced porosity through structural transition in flexible interpenetrated MOF by Raman spectroscopy. Journal of Raman Spectroscopy, 2016, 47, 149-155.	1.2	36
62	Pressure induced structural, electronic topological, and semiconductor to metal transition in AgBiSe ₂ . Applied Physics Letters, 2016, 109, .	1.5	25
63	Anharmonicity in light scattering by optical phonons in GaAs _{1-x} Bi _x . Journal of Applied Physics, 2016, 119, .	1.1	8
64	Heterostructure composites of rGO/GeO ₂ /PANI with enhanced performance for Li ion battery anode material. Journal of Power Sources, 2016, 306, 791-800.	4.0	38
65	Interferroelectric transition as another manifestation of intrinsic size effect in ferroelectrics. Physical Review B, 2016, 94, .	1.1	8
66	Non-trivial network driven modifications of ion transport in an ionic liquid confined inside a polymer system. Molecular Systems Design and Engineering, 2016, 1, 391-401.	1.7	6
67	Improved broadband and omnidirectional light absorption in silicon nanopillars achieved through gradient mesoporosity induced leaky waveguide modulation. RSC Advances, 2016, 6, 109157-109167.	1.7	16
68	Guest dependent Brillouin and Raman scattering studies of zeolitic imidazolate framework-8 (ZIF-8) under external pressure. Journal of Chemical Physics, 2016, 144, 134704.	1.2	29
69	Evolution mechanism of mesoporous silicon nanopillars grown by metal-assisted chemical etching and nanosphere lithography: correlation of Raman spectra and red photoluminescence. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	7
70	A Dual Non-ATP Analogue Inhibitor of Aurora Kinases A and B, Derived from Resorcinol with a Mixed Mode of Inhibition. Chemical Biology and Drug Design, 2016, 87, 958-967.	1.5	1
71	Crystal Structure and Band Gap Engineering in Polyoxometalate-Based Inorganic@Organic Hybrids. Inorganic Chemistry, 2016, 55, 3364-3377.	1.9	27
72	An impediment to random walk: trehalose microenvironment drives preferential endocytic uptake of plasmonic nanoparticles. Chemical Science, 2016, 7, 3730-3736.	3.7	14

#	ARTICLE	IF	CITATIONS
73	Effect of pore occupancy on the acoustic properties of zeolitic imidazolate framework (ZIF)-8: A Brillouin spectroscopic study at ambient and low temperatures. <i>Journal of Chemical Physics</i> , 2015, 143, 234703.	1.2	12
74	Raman, IR and DFT studies of mechanism of sodium binding to urea catalyst. <i>Journal of Molecular Structure</i> , 2015, 1102, 267-274.	1.8	8
75	Nano-morphology induced additional surface plasmon resonance enhancement of SERS sensitivity in Ag/GaN nanowall network. <i>Nanotechnology</i> , 2015, 26, 465701.	1.3	12
76	How Far Can We Probe by SERS?. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20057-20064.	1.5	61
77	Dielectric and Raman investigations of structural phase transitions in $(C_2H_5NH_3)_2CdCl_4$. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12207-12214.	1.3	31
78	Solution processed nanomanufacturing of SERS substrates with random Ag nanoholes exhibiting uniformly high enhancement factors. <i>RSC Advances</i> , 2015, 5, 85019-85027.	1.7	7
79	Highly Decoupled Graphene Multilayers: Turbostraticity at its Best. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4437-4443.	2.1	50
80	Revealing the trehalose mediated inhibition of protein aggregation through lysozyme-silver nanoparticle interaction. <i>Soft Matter</i> , 2015, 11, 7241-7249.	1.2	28
81	Comparative high pressure Raman studies on perfluorohexane and perfluoroheptane. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 247-256.	2.0	2
82	Acoustic phonon behavior of $PbWO_4$ and $BaWO_4$ probed by low temperature Brillouin spectroscopy. <i>Solid State Communications</i> , 2015, 202, 78-84.	0.9	9
83	Stress states in individual Si particles of a cast Al-Si alloy: Micro-Raman analysis and microstructure based modeling. <i>Journal of Alloys and Compounds</i> , 2015, 625, 296-308.	2.8	27
84	Thermally Stable Plasmonic Nanocermets Grown on Microengineered Surfaces as Versatile Surface Enhanced Raman Spectroscopy Sensors for Multianalyte Detection. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22733-22742.	4.0	8
85	Octahedral distortion induced magnetic anomalies in $LaMn_{0.5}Co_{0.5}O_3$ single crystals. <i>Journal of Applied Physics</i> , 2014, 116, 043903.	1.1	5
86	Conformational change in a urea catalyst induced by sodium cation and its effect on enantioselectivity of a Friedel-Crafts reaction. <i>Tetrahedron</i> , 2014, 70, 3459-3465.	1.0	15
87	Photoluminescence tuning of $Na_xK_xNdW_2O_8$ (0.0) $Tj ETQq1 1 0.784314 rgB$. <i>Physics</i> , 2014, 16, 18772-18780.	1.3	9
88	SERS and MD simulation studies of a kinase inhibitor demonstrate the emergence of a potential drug discovery tool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10416-10421.	3.3	37
89	Polymorphism in Photoluminescent $KNdW_2O_8$: Synthesis, Neutron Diffraction, and Raman Study. <i>Crystal Growth and Design</i> , 2014, 14, 835-843.	1.4	12
90	Allosteric Transition Induced by Mg^{2+} Ion in a Transactivator Monitored by SERS. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5322-5330.	1.2	6

#	ARTICLE	IF	CITATIONS
91	Nanocrystalline Ag microflowers as a versatile SERS platform. <i>Nanoscale</i> , 2014, 6, 7480.	2.8	29
92	Temperature-induced electron phonon coupling behaviour of AgGaS ₂ probed by Brillouin spectroscopy. <i>Solid State Communications</i> , 2014, 195, 10-15.	0.9	3
93	Low cost, rapid synthesis of graphene on Ni: An efficient barrier for corrosion and thermal oxidation. <i>Carbon</i> , 2014, 78, 384-391.	5.4	51
94	Spin-phonon coupling in multiferroic RCrO ₃ (R=Y, Lu, Gd, Eu, Sm): A Raman study. <i>Europhysics Letters</i> , 2013, 101, 17008.	0.7	123
95	Temperature Induced Structural Transformations and Gas Adsorption in the Zeolitic Imidazolate Framework ZIF-8: A Raman Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11006-11012.	1.1	212
96	Surface enhanced Raman spectroscopy of Aurora kinases: direct, ultrasensitive detection of autophosphorylation. <i>RSC Advances</i> , 2013, 3, 4221.	1.7	20
97	Few layer graphene to graphitic films: infrared photoconductive versus bolometric response. <i>Nanoscale</i> , 2013, 5, 381-389.	2.8	37
98	White Light Generation by Carbonyl Based Indole Derivatives Due to Proton Transfer: An Efficient Fluorescence Sensor. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2738-2752.	1.1	19
99	Analysis of Protein Acetyltransferase Structure-Function Relation by Surface-Enhanced Raman Scattering (SERS): A Tool to Screen and Characterize Small Molecule Modulators. <i>Methods in Molecular Biology</i> , 2013, 981, 239-261.	0.4	5
100	An unusual temperature induced isostructural phase transition in a scheelite, Li _{0.5} Ce _{0.5} MoO ₄ . <i>Dalton Transactions</i> , 2013, 42, 7672.	1.6	15
101	Long range B-site cation ordering and Wigner-Fano line shape of Al _g -like Raman mode in Nd _{1-x} Sm _x (Mg _{0.5} Ti _{0.5})O ₃ microwave dielectric ceramics. <i>Materials Research Bulletin</i> , 2013, 48, 194-199.	2.7	11
102	A high pressure XRD setup at ADXRD beamline (BL-12) on Indus-2. <i>Journal of Physics: Conference Series</i> , 2013, 425, 112001.	0.3	4
103	Field effect transistors and photodetectors based on nanocrystalline graphene derived from electron beam induced carbonaceous patterns. <i>Nanotechnology</i> , 2012, 23, 425301.	1.3	14
104	Surface Enhanced Raman Spectroscopy of Proteins: Implications for Drug Designing. <i>Nanomaterials and Nanotechnology</i> , 2012, 2, 1.	1.2	120
105	Pressure Induced Metallization in Zn _{1-x} Be _x Se Ternary Mixed Crystals. <i>Journal of Physics: Conference Series</i> , 2012, 377, 012019.	0.3	0
106	Raman and X-ray Investigations of Ferroelectric Phase Transition in NH ₄ HSO ₄ . <i>Journal of Physical Chemistry A</i> , 2012, 116, 223-230.	1.1	19
107	Field-Effect Transistors Based on Thermally Treated Electron Beam-Induced Carbonaceous Patterns. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1030-1036.	4.0	10
108	Universal Metal-Semiconductor Hybrid Nanostructured SERS Substrate for Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 5807-5812.	4.0	55

#	ARTICLE	IF	CITATIONS
109	New Nano Architecture for SERS Applications. Journal of Physical Chemistry Letters, 2012, 3, 1130-1135.	2.1	28
110	Unusual room temperature CO ₂ uptake in a fluoro-functionalized MOF: insight from Raman spectroscopy and theoretical studies. Chemical Communications, 2012, 48, 8487.	2.2	78
111	Honeycomb Porous Framework of Zinc(II): Effective Host for Palladium Nanoparticles for Efficient Three-Component (A ³) Coupling and Selective Gas Storage. ChemPlusChem, 2012, 77, 743-747.	1.3	38
112	Brillouin Scattering Investigation of Solvation Dynamics in Succinonitrile-Lithium Salt Plastic Crystalline Electrolytes. Journal of Physical Chemistry B, 2011, 115, 12356-12361.	1.2	8
113	Spin Reorientation, Ferroelectricity, and Magnetodielectric Effect in YFeO_3		

#	ARTICLE	IF	CITATIONS
127	Influence of lattice distortion on the Curie temperature and spin-phonon coupling in $\text{LaMn}_{0.5}\text{Co}_{0.5}\text{O}_3$. Journal of Physics Condensed Matter, 2010, 22, 346006.	0.7	27
128	Elastic and structural instability of cubic Sn_3S_2 . Sn_3S_2	1.1	26
129	Physical Review B, 2010, 82, . Nanocrystalline NaNbO_3 and NaTaO_3 : Rietveld studies, Raman spectroscopy and dielectric properties. Solid State Sciences, 2009, 11, 562-569.	1.5	96
130	High-Temperature Phase Transition Studies in a Novel Fast Ion Conductor, $\text{Na}_2\text{Cd}(\text{SO}_4)_2$, Probed by Raman Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 1505-1507.	1.1	10
131	Spin state transition in the ferromagnet $\text{Sr}_{0.9}\text{Ce}_{0.1}\text{CoO}_{2.85}$. Solid State Communications, 2008, 146, 110-114.	0.9	3
132	Surface-Enhanced Raman Spectroscopic Studies of Coactivator-Associated Arginine Methyltransferase 1. Journal of Physical Chemistry B, 2008, 112, 6703-6707.	1.2	19
133	Nanogranular Au films deposited on carbon covered Si substrates for enhanced optical reflectivity and Raman scattering. Nanotechnology, 2007, 18, 145702.	1.3	14
134	Visible Fluorescence Induced by the Metal Semiconductor Transition in Composites of Carbon Nanotubes with Noble Metal Nanoparticles. Physical Review Letters, 2007, 99, 167404.	2.9	34
135	Pressure-Induced Structural Transition in Pentane : A Raman Study. Journal of Physical Chemistry B, 2007, 111, 7003-7008.	1.2	19
136	Autoacetylation Induced Specific Structural Changes in Histone Acetyltransferase Domain of p300: Probed by Surface Enhanced Raman Spectroscopy. Journal of Physical Chemistry B, 2007, 111, 11877-11879.	1.2	37
137	Raman Spectroscopic Investigations of Pressure-Induced Phase Transitions in n -Hexane. Journal of Physical Chemistry B, 2007, 111, 14130-14135.	1.2	23
138	Activation of p300 Histone Acetyltransferase by Small Molecules Altering Enzyme Structure: Probed by Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry B, 2007, 111, 4527-4534.	1.2	75
139	Magnetic Interactions in Layered Nickel Alkanethiolates. Journal of Physical Chemistry C, 2007, 111, 1868-1870.	1.5	30
140	Carbon Assisted Electroless Gold for Surface Enhanced Raman Scattering Studies. Journal of Physical Chemistry C, 2007, 111, 6700-6705.	1.5	25
141	Hot Spots in Ag Core-Au Shell Nanoparticles Potent for Surface-Enhanced Raman Scattering Studies of Biomolecules. Journal of Physical Chemistry C, 2007, 111, 4388-4392.	1.5	154
142	The I-Tetraplex Building Block: Rational Design and Controlled Fabrication of Robust 1D DNA Scaffolds through Non-Watson-Crick Interactions. Angewandte Chemie - International Edition, 2007, 46, 2646-2649.	7.2	47
143	The I-Tetraplex Building Block: Rational Design and Controlled Fabrication of Robust 1D DNA Scaffolds through Non-Watson-Crick Interactions. Angewandte Chemie, 2007, 119, 2700-2703.	1.6	16
144	Specific Inhibition of p300-HAT Alters Global Gene Expression and Represses HIV Replication. Chemistry and Biology, 2007, 14, 645-657.	6.2	183

#	ARTICLE	IF	CITATIONS
145	Raman Scattering Studies onn-Heptane under High Pressure. Journal of Physical Chemistry B, 2006, 110, 8777-8781.	1.2	36
146	Surface-Enhanced Raman Scattering Studies of Human Transcriptional Coactivator p300. Journal of Physical Chemistry B, 2006, 110, 16787-16792.	1.2	74
147	A Brillouin study of the temperature-dependence of the acoustic modes across the insulator-metal transitions in V2O3 and Cr-doped V2O3, Solid State Communications, 2006, 138, 466-471. A comparative study of the electron- and hole-doped compositions of single crystalline	0.9	13

148

#	ARTICLE	IF	CITATIONS
163	Solid hydrogen at 342â€‰GPa: no evidence for an alkali metal. <i>Nature</i> , 1998, 393, 46-49.	13.7	230
164	Sevenfold Coordinated MgSe: Experimental Internal Atom Position Determination to 146 GPa, Diffraction Studies to 202 GPa, and Theoretical Studies to 500 GPa. <i>Physical Review Letters</i> , 1998, 81, 2723-2726.	2.9	39
165	Novel Structure of MgSe in the Multimegabar Regime: Positional Parameter Determination. <i>Materials Research Society Symposia Proceedings</i> , 1997, 499, 429.	0.1	0
166	Spin-State Transition in LaCoO ₃ and Related Materials. <i>Topics in Current Chemistry</i> , 0, , 1-21.	4.0	62