

Raffaele Guido Della Valle

List of Publications by Year in descending order

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141
papers

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142
times ranked

4074
citing authors

#	ARTICLE	IF	CITATIONS
1	A third blind test of crystal structure prediction. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 511-527.	1.8	373
2	Significant progress in predicting the crystal structures of small organic molecules – a report on the fourth blind test. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 107-125.	1.8	371
3	Towards crystal structure prediction of complex organic compounds – a report on the fifth blind test. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 535-551.	1.8	358
4	The oxidation of tyrosine and tryptophan studied by a molecular dynamics normal hydrogen electrode. <i>Journal of Chemical Physics</i> , 2011, 134, 244508.	1.2	115
5	Peierls and Holstein carrier-phonon coupling in crystalline rubrene. <i>Physical Review B</i> , 2010, 82, .	1.1	113
6	Glycerol condensed phases Part I. A molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 871-877.	1.3	112
7	Molecular dynamics simulation of silica liquid and glass. <i>Journal of Chemical Physics</i> , 1992, 97, 2682-2689.	1.2	108
8	Epitaxial Growth of π -Stacked Perfluoropentacene on Graphene-Coated Quartz. <i>ACS Nano</i> , 2012, 6, 10874-10883.	7.3	108
9	Probing polymorphs of organic semiconductors by lattice phonon Raman microscopy. <i>CrystEngComm</i> , 2008, 10, 937.	1.3	103
10	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-F ₄ . <i>Crystal Growth and Design</i> , 2016, 16, 3028-3036.	1.4	99
11	High-pressure densification of silica glass: A molecular-dynamics simulation. <i>Physical Review B</i> , 1996, 54, 3809-3816.	1.1	78
12	Anharmonic processes in molecular crystals. Calculation of the anharmonic shifts, bandwidths and energy decay processes in crystalline naphthalene. <i>Chemical Physics</i> , 1983, 74, 179-195.	0.9	77
13	Influence of Intermolecular Vibrations on the Electronic Coupling in Organic Semiconductors: The Case of Anthracene and Perfluoropentacene. <i>ChemPhysChem</i> , 2009, 10, 2265-2273.	1.0	77
14	Phonons and structures of tetracene polymorphs at low temperature and high pressure. <i>Physical Review B</i> , 2004, 70, .	1.1	75
15	Characterization of Phase Purity in Organic Semiconductors by Lattice-Phonon Confocal Raman Mapping: Application to Pentacene. <i>Advanced Materials</i> , 2005, 17, 2549-2553.	11.1	67
16	Local-mode to normal-mode hamiltonian transformation for X-H stretchings. <i>Molecular Physics</i> , 1988, 63, 611-621.	0.8	62
17	Inherent structures of crystalline pentacene. <i>Journal of Chemical Physics</i> , 2003, 118, 807-815.	1.2	62
18	The four polymorphic modifications of the semiconductor dibenzo-tetrathiafulvalene. <i>CrystEngComm</i> , 2008, 10, 1899.	1.3	62

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19	Predicting the Anchoring of Liquid Crystals at a Solid Surface: 5-Cyanobiphenyl on Cristobalite and Glassy Silica Surfaces of Increasing Roughness. <i>Langmuir</i> , 2013, 29, 8950-8958.	1.6	62
20	High dimensional anharmonic potential energy surfaces: The case of methane. <i>Journal of Chemical Physics</i> , 1999, 110, 7339-7347.	1.2	58
21	Probing Pentacene Polymorphs by Lattice Dynamics Calculations. <i>Journal of the American Chemical Society</i> , 2002, 124, 2128-2129.	6.6	57
22	Crystal structure of oligoacenes under high pressure. <i>Physical Review B</i> , 2006, 74, .	1.1	56
23	Pressure-induced phase transition in pentacene. <i>Chemical Physics Letters</i> , 2003, 375, 490-494.	1.2	55
24	Intramolecular and Low-Frequency Intermolecular Vibrations of Pentacene Polymorphs as a Function of Temperature. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1822-1826.	1.2	53
25	Structure and Morphology of PDI8â€œCN2 for nâ€œType Thinâ€œFilm Transistors. <i>Advanced Functional Materials</i> , 2012, 22, 943-953.	7.8	50
26	Polarized Raman Spectra of a Rubrene Single Crystal. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17416-17422.	1.5	45
27	Interaction of charge carriers with lattice and molecular phonons in crystalline pentacene. <i>Journal of Chemical Physics</i> , 2011, 135, 084701.	1.2	44
28	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3690-3695.	2.1	42
29	Test of a pairwise additive ionic potential model for silica. <i>Journal of Chemical Physics</i> , 1991, 94, 5056-5060.	1.2	40
30	A molecular dynamics study of the vibrational properties of silica glass. <i>Chemical Physics</i> , 1994, 179, 411-419.	0.9	40
31	Structure and dynamics of pentacene on SiO $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$: From monolayer to bulk structure. <i>Physical Review B</i> , 2012, 85, .	1.1	40
32	MD Simulation of the Na+âˆ™Phenylalanine Complex in Water:âˆ™ Competition between Cationâˆ™âˆ™âˆ™ Interaction and Aqueous Solvation. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23016-23023.	1.2	34
33	Quasi harmonic lattice dynamics: the phase diagram of benzene. <i>Chemical Physics</i> , 1996, 202, 231-241.	0.9	33
34	Quasiharmonic lattice-dynamics and molecular-dynamics calculations for the Lennard-Jones solids. <i>Physical Review B</i> , 1998, 58, 206-212.	1.1	33
35	Lattice dynamics and electron-phonon coupling in the $\text{BEDTâˆ™TTF} \text{I}2\text{âˆ™}$ organic superconductor. <i>Physical Review B</i> , 2000, 62, 14476-14486.	1.1	33
36	Exploring the polymorphism of crystalline pentacene. <i>Organic Electronics</i> , 2004, 5, 1-6.	1.4	33

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37	Molecular Dynamics Simulations for a Pentacene Monolayer on Amorphous Silica. <i>ChemPhysChem</i> , 2009, 10, 1783-1788.	1.0	32
38	Pressure and temperature effects in lattice dynamics: the case of naphthalene. <i>Chemical Physics</i> , 1995, 198, 79-89.	0.9	31
39	BEDT-TTF organic superconductors: The role of phonons. <i>Physical Review B</i> , 2002, 66, .	1.1	30
40	Two New Polymorphs of the Organic Semiconductor 9,10-Diphenylanthracene: Raman and X-ray Analysis. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1831-1840.	1.5	29
41	Towards an effective potential for the monomer, dimer, hexamer, solid, and liquid forms of hydrogen fluoride. <i>Physical Review B</i> , 1999, 59, 13699-13706.	1.1	28
42	NH ₂ inversion potential in the S ₀ and S ₁ electronic states of aniline: fit to the (ro-)vibrational data and comparison with ab initio and density functional results. <i>Chemical Physics Letters</i> , 2000, 327, 45-53.	1.2	27
43	Micro Raman Investigation of the Photodimerization Reaction of 9-Cyanoanthracene in the Solid State. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9628-9635.	1.5	27
44	A scaling approximation for structure factors in the integral equation theory of polydisperse nonionic colloidal fluids. <i>Journal of Chemical Physics</i> , 1999, 111, 7636-7645.	1.2	26
45	Polymorphs of 1,4-sexithiophene probed by lattice phonon Raman microscopy. <i>Chemical Physics</i> , 2006, 328, 125-131.	0.9	26
46	Toward a Reliable Description of the Lattice Vibrations in Organic Molecular Crystals: The Impact of van der Waals Interactions. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4380-4390.	2.3	26
47	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12150-12157.	1.5	25
48	Energy decay mechanisms and anharmonic lattice dynamics: The case of solid nitrogen. <i>Chemical Physics</i> , 1985, 100, 315-329.	0.9	24
49	Direct evidence of overdamped Peierls-coupled modes in the temperature-induced phase transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , 2008, 78, .	1.1	24
50	Electrostatic Interactions Shape Molecular Organization and Electronic Structure of Organic Semiconductor Blends. <i>Chemistry of Materials</i> , 2020, 32, 1261-1271.	3.2	24
51	Phonon dispersion curves and phonon lifetimes in crystalline ammonia. <i>Chemical Physics</i> , 1979, 44, 189-196.	0.9	23
52	Molecular dynamics simulation of crystalline naphthalene. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1984, 40, 297-305.	0.3	23
53	Organic Semiconductors: Polymorphism, Phonon Dynamics and Carrier-Phonon Coupling in Pentacene. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 416, 145-154.	0.4	23
54	Lattice dynamics of solid 1,2-dicarbonyl. <i>Chemical Physics</i> , 1985, 96, 361-369.	0.9	22

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55	An improved representation for the high-density structure of Lennard-Jones systems: From liquid toward glass. <i>Journal of Chemical Physics</i> , 1993, 99, 6915-6922.	1.2	22
56	Inherent Structures of Crystalline Tetracene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 10858-10862.	1.1	22
57	Structural, Spectroscopic, and Computational Characterization of the Concomitant Polymorphs of the Natural Semiconductor Indigo. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18422-18431.	1.5	22
58	Singlet exciton fission via an intermolecular charge transfer state in coevaporated pentacene-perfluoropentacene thin films. <i>Journal of Chemical Physics</i> , 2019, 151, 164706.	1.2	22
59	Pressure-induced phase transitions in 9,10-anthracene derivatives: anthraquinone. <i>Chemical Physics</i> , 1995, 191, 177-184.	0.9	21
60	Spectroscopic and Structural Characterization of Two Polymorphs of 1,1,4,4-Tetraphenyl-1,3-butadiene. <i>Crystal Growth and Design</i> , 2010, 10, 2752-2758.	1.4	21
61	Lattice dynamics of TTF-CA across the neutral-ionic transition. <i>Chemical Physics</i> , 2006, 325, 71-77.	0.9	20
62	Polymorphism and Phonon Dynamics of Quaterthiophene. <i>ChemPhysChem</i> , 2009, 10, 657-663.	1.0	20
63	PENTACENE AT HIGH PRESSURE. <i>High Pressure Research</i> , 2003, 23, 349-354.	0.4	19
64	Car Parrinello MD Simulations for the Na ⁺ Phenylalanine Complex in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12783-12789.	1.2	19
65	Crystal-to-Crystal Photoinduced Reaction of Dinitroanthracene to Anthraquinone. <i>Journal of the American Chemical Society</i> , 2012, 134, 17671-17679.	6.6	19
66	Phonon dynamics and electron-phonon coupling in pristine picene. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1694-1699.	1.3	19
67	An Alternative Strategy to Polymorph Recognition at Work: The Emblematic Case of Coronene. <i>Crystal Growth and Design</i> , 2018, 18, 4869-4873.	1.4	19
68	Fast identification of rubrene polymorphs by lattice phonon Raman microscopy. <i>Solid State Sciences</i> , 2017, 71, 146-151.	1.5	18
69	Vibrational analysis of the carbon-hydrogen stretching overtones in pyridine and 2,6-lutidine. <i>The Journal of Physical Chemistry</i> , 1991, 95, 3027-3031.	2.9	17
70	Microstructural analysis of simulated Ni ₃₃ Y ₆₇ glass. <i>Physical Review B</i> , 1994, 49, 12625-12632.	1.1	17
71	High-Pressure Dissociation of Crystalline para-Diiodobenzene: Optical Experiments and Car Parrinello Calculations. <i>Journal of the American Chemical Society</i> , 2005, 127, 3038-3043.	6.6	16
72	Are Crystal Polymorphs Predictable? The Case of Sexithiophene. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6715-6722.	1.1	16

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73	Rotational spectra of several vibrational excited states of axial and equatorial cyanocyclobutane and potential energy function of the ring puckering. <i>Journal of Molecular Spectroscopy</i> , 1988, 129, 284-292.	0.4	15
74	Effect of pressure on lattice modes and electronic excitations of 9,10-diiodoanthracene crystals. <i>Journal of Chemical Physics</i> , 1997, 107, 4628-4634.	1.2	14
75	Ab initiomolecular dynamics study of ascorbic acid in aqueous solution. <i>Molecular Physics</i> , 2007, 105, 17-23.	0.8	14
76	Crystal Structure of the 9-Anthracene-9-Carboxylic Acid Photochemical Dimer and Its Solvates by X-ray Diffraction and Raman Microscopy. <i>Crystal Growth and Design</i> , 2017, 17, 3361-3370.	1.4	14
77	Equation of motion for the Green's function in anharmonic solids. <i>Physical Review B</i> , 1992, 46, 6141-6149.	1.1	13
78	First Principles Study of Alkali-Tyrosine Complexes: Alkali Solvation and Redox Properties. <i>Journal of Chemical Theory and Computation</i> , 2008, 4, 1049-1056.	2.3	13
79	Phase recognition by lattice phonon Raman spectra: The triclinic structure of the organic semiconductor dibenzo-tetrathiafulvalene. <i>Chemical Physics Letters</i> , 2012, 523, 74-77.	1.2	12
80	Anharmonic interactions in molecular crystals. Two-phonon absorption in crystalline OCS. <i>Chemical Physics</i> , 1979, 43, 385-393.	0.9	11
81	Raman investigation of polymorphism in 1,1,4,4-tetraphenylbutadiene. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 905-908.	1.2	11
82	Solid-state photodimerization of 9-methyl-anthracene. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 271-277.	1.2	11
83	Efficient calculation of high-order self-energy corrections to phonon linewidths: Application to I_2 -nitrogen. <i>Physical Review B</i> , 1993, 47, 11124-11133.	1.1	10
84	Do Computed Crystal Structures of Nonpolar Molecules Depend on the Electrostatic Interactions? The Case of Tetracene. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1085-1089.	1.1	10
85	A synergic approach of X-ray powder diffraction and Raman spectroscopy for crystal structure determination of 2,3-thienoimide capped oligothiophenes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3630-3636.	1.3	10
86	Bulk and Surface-Stabilized Structures of Paracetamol Revisited by Raman Confocal Microscopy. <i>ACS Omega</i> , 2018, 3, 9564-9571.	1.6	10
87	Non-additive Lennard-Jones model for the structure of Ni ₃₃ Y ₆₇ metallic glass: integral equation and molecular dynamics calculations. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1993, 165, 183-187.	2.6	9
88	Lattice dynamics and electron-phonon coupling in pentacene crystal structures. <i>Macromolecular Symposia</i> , 2004, 212, 375-380.	0.4	9
89	Exploration of the polymorph landscape for 1,1,4,4-tetraphenyl-1,3-butadiene. <i>CrystEngComm</i> , 2014, 16, 8205-8213.	1.3	9
90	Potential models and torsional stability in molecular crystals. <i>Chemical Physics Letters</i> , 1984, 104, 435-439.	1.2	8

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91	Recursive computation of many-phonon densities of states. <i>Physical Review Letters</i> , 1987, 59, 2196-2198.	2.9	8
92	Linewidth of the 991 cm ⁻¹ mode in benzene at high pressures. <i>Chemical Physics Letters</i> , 1988, 148, 45-51.	1.2	8
93	Lattice phonons in neutral BEDT-TTF crystal. <i>Chemical Physics Letters</i> , 1997, 274, 478-484.	1.2	8
94	High pressure Raman spectra and pressure-induced phase transitions of 1,10-dichloroanthracene. <i>Journal of Chemical Physics</i> , 1988, 89, 3163-3167.	1.2	7
95	Structure and phonons of $\text{I}^{\pm}(\text{ET})_2\text{I}_3$ crystals. <i>Physica B: Condensed Matter</i> , 1999, 265, 195-198.	1.3	7
96	Temperature evolution of pentacene crystal structure and phonon dynamics. <i>Materials Research Society Symposia Proceedings</i> , 2002, 725, 1.	0.1	7
97	Local mode and normal mode models for molecules with two non-equivalent C-H bonds. <i>Molecular Physics</i> , 2007, 105, 1779-1787.	0.8	7
98	Solution equilibrium between two structures of Perylene-F2TCNQ charge transfer co-crystals. <i>Journal of Crystal Growth</i> , 2019, 516, 45-50.	0.7	7
99	Precursor polymorph determines the organic semiconductor structure formed upon annealing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10865-10874.	2.7	7
100	A dynamical model of excimer instability in molecular crystals. <i>Chemical Physics</i> , 1987, 116, 141-149.	0.9	6
101	Molecular-dynamics simulation of glassy Cu ₃₃ Y ₆₇ . <i>Physical Review B</i> , 1994, 50, 3620-3624.	1.1	6
102	The effect of pressure on the photodimerization of 7-methoxycoumarin crystal. <i>Chemical Physics Letters</i> , 1994, 218, 568-573.	1.2	6
103	Pressure-induced phase transitions in quasi-one-dimensional anthracene derivatives. <i>Physica B: Condensed Matter</i> , 1999, 265, 199-202.	1.3	6
104	Electron-phonon coupling in BEDT-TTF (ET) superconductors. <i>Synthetic Metals</i> , 2000, 109, 13-17.	2.1	6
105	DFT Investigation of Oligothiophenes on a Si(001) Surface. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20068-20075.	1.5	6
106	The Chemistry of Ni-Sb Carbonyl Clusters – Synthesis and Characterization of the [Ni ₁₉ Sb ₄ (CO) ₂₆] ⁴⁻ Tetraanion and the Viologen Salts of [Ni ₁₃ Sb ₂ (CO) ₂₄] ⁿ⁻ Carbonyl Clusters. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4151-4158.	1.0	6
107	Photoluminescence as a probe of molecular organization in PDI8-CN ₂ ultra-thin films. <i>Journal of Luminescence</i> , 2017, 187, 403-409.	1.5	6
108	Growth, morphology and molecular orientation of controlled Indigo thin films on silica surfaces. <i>Surfaces and Interfaces</i> , 2021, 24, 101058.	1.5	6

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109	Theoretical analysis of resonant raman scattering: Simulations of lineshapes and excitation profiles. <i>Chemical Physics</i> , 1985, 94, 351-364.	0.9	5
110	Vibrational density of states and homogeneous linewidth in molecular crystals: Many-phonon processes in nitrogen. <i>Physical Review B</i> , 1997, 55, 14855-14864.	1.1	5
111	Molecular anharmonicity: A computer-aided treatment. <i>Journal of Computational Chemistry</i> , 1999, 20, 1716-1730.	1.5	5
112	Coupling between intramolecular and lattice vibrations in solid para-diodobenzene. <i>Chemical Physics Letters</i> , 2000, 325, 599-604.	1.2	5
113	Coupling between lattice and intramolecular modes in 9,10-dimethylantracene: Raman spectra under pressure and quasi-harmonic lattice dynamics calculations. <i>Chemical Physics</i> , 2001, 273, 197-206.	0.9	5
114	Surface Induced Phenytoin Polymorph. 1. Full Structure Solution by Combining Grazing Incidence X-ray Diffraction and Crystal Structure Prediction. <i>Crystal Growth and Design</i> , 2019, 19, 6058-6066.	1.4	5
115	Experimental Estimate of the Holstein Electron-Phonon Coupling Constants in Perylene. <i>Advanced Electronic Materials</i> , 2020, 6, 2000208.	2.6	5
116	The impact of solid solution composition on kinetics and mechanism of [2 + 2] photodimerization of cinnamic acid derivatives. <i>CrystEngComm</i> , 2021, 23, 1352-1359.	1.3	5
117	Effects of dampings and dephasings in resonance raman spectroscopy. <i>Chemical Physics Letters</i> , 1985, 115, 428-433.	1.2	4
118	The effect of pressure on the electronic spectra of anthracene derivatives. <i>Journal of Luminescence</i> , 1987, 38, 311-313.	1.5	4
119	Stability under pressure of excimers of anthracene derivatives. <i>Journal of Luminescence</i> , 1992, 53, 110-112.	1.5	4
120	Temperature dependence of structure and phonons of $\hat{1}\pm$ - and $\hat{1}^2$ -TTF crystals. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4170-4175.	1.3	4
121	(Perylene) ₃ -(TCNQF1) ₂ : Yet Another Member in the Series of Perylene-TCNQF _x Polymorphic Charge Transfer Crystals. <i>Crystals</i> , 2020, 10, 177.	1.0	4
122	Lattice dynamics of ionic molecular crystals in the rigid ion approximation, phases II and III of sodium superoxide. <i>Canadian Journal of Physics</i> , 1984, 62, 54-64.	0.4	3
123	Non-perturbative theory of four-wave light scattering in strong fields. <i>Chemical Physics</i> , 1987, 115, 169-186.	0.9	3
124	In Search of Surface-Induced Crystal Structures: The Case of Tyrian Purple. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17702-17710.	1.5	3
125	Visualizing a SCSC [2 + 2] photodimerization through its lattice dynamics: an experimental and theoretical investigation. <i>ChemPhysChem</i> , 2022, , .	1.0	3
126	Polar modes in molecular crystals: Ewald splitting of infrared and Raman lines. <i>Canadian Journal of Physics</i> , 1984, 62, 1237-1247.	0.4	2

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127	Simulated Raman spectra of four tetraphenylbutadiene polymorphs. International Journal of Quantum Chemistry, 2018, 118, e25503.	1.0	2
128	Transient behaviour of coherent and incoherent processes in a three-level system. Chemical Physics, 1986, 103, 287-294.	0.9	1
129	Lattice dynamics of YBa ₂ Cu ₃ O ₆ and YBa ₂ Cu ₃ O ₇ , a rigid ion model. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1429-1430.	0.6	1
130	Raman phonon spectra and lattice dynamics of 7-methoxycoumarin under pressure. Chemical Physics Letters, 1995, 246, 619-625.	1.2	1
131	Raman phonon spectra and lattice dynamics of 9,10-dinitroanthracene under pressure. High Pressure Research, 2000, 18, 233-238.	0.4	1
132	Computer-Aided Series Expansion for Phonon Self-Energy. Journal of Computational Physics, 2000, 165, 428-436.	1.9	1
133	Pressure and temperature effects in lattice dynamics: 1,4-dibromonaphthalene. Chemical Physics, 2000, 262, 437-444.	0.9	1
134	High-Pressure Raman Spectra of p-Diiodobenzene. Journal of Physical Chemistry A, 2000, 104, 11070-11074.	1.1	1
135	Surface Induced Phenytoin Polymorph. 2. Structure Validation by Comparing Experimental and Density Functional Theory Raman Spectra. Crystal Growth and Design, 2019, 19, 6067-6073.	1.4	1
136	Non perturbative theory of electronic resonant coherent Raman scattering (CARS, CSRS). Journal of Molecular Structure, 1986, 142, 489-492.	1.8	0
137	Lattice stability of YBa ₂ Cu ₃ O ₆ and YBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1679-1680.	0.6	0
138	Lattice dynamics and e-ph coupling in BEDT-TTF superconductors. Synthetic Metals, 1999, 103, 2083.	2.1	0
139	Organic superconductors: How can we increase the critical temperature?. Synthetic Metals, 2003, 137, 1273-1274.	2.1	0
140	Inside Cover: Influence of Intermolecular Vibrations on the Electronic Coupling in Organic Semiconductors: The Case of Anthracene and Perfluoropentacene (ChemPhysChem 13/2009). ChemPhysChem, 2009, 10, 2158-2158.	1.0	0
141	Electron-Intermolecular Phonon Coupling in $\hat{\Gamma}$ -Phase BEDT-TTF Organic Superconductors. , 2002, , 251-254.		0