

Alberto Girlando

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anomalous Nature of Neutral-to-Ionic Phase Transition in Tetrathiafulvalene-Chloranil. <i>Physical Review Letters</i> , 1981, 47, 1747-1750.	2.9	385
2	Vibrational spectroscopy of molecular constituents of one-dimensional organic conductors. Tetrathiofulvalene (TTF), TTF ⁺ , and (TTF ⁺) ₂ dimer. <i>Journal of Chemical Physics</i> , 1979, 71, 2282.	1.2	207
3	Vibrational spectroscopy of mixed stack organic semiconductors: Neutral and ionic phases of tetrathiafulvalene-chloranil (TTF-CA) charge transfer complex. <i>Journal of Chemical Physics</i> , 1983, 79, 1075-1085.	1.2	206
4	Electron-molecular vibration (e -mv) coupling in charge-transfer compounds and its consequences on the optical spectra: A theoretical framework. <i>Journal of Chemical Physics</i> , 1986, 84, 5655-5671.	1.2	204
5	Polarized Raman spectra of TCNQ and TCNQ-d ₄ single crystals. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1973, 29, 1859-1878.	0.1	138
6	Influence of the intermolecular charge transfer interaction on the solution and solid state infrared spectra of 7,7,8,8-tetracyanoquinodimethane (TCNQ) alkaline salts. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1978, 74, 235.	1.1	132
7	Vibronic structure of PTCDA stacks: the exciton-phonon-charge-transfer dimer. <i>Chemical Physics</i> , 1999, 245, 199-212.	0.9	132
8	Vibrational analysis of spectra of quinonoid molecular ions. Part 3. Vibrational spectra and assignment of 7,7,8,8-tetracyanoquinodimethane radical anion. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1975, 71, 1237-1254.	1.1	115
9	Raman spectra of thin organic films enhanced by plasmon surface polaritons on holographic metal gratings. <i>Journal of Chemical Physics</i> , 1980, 72, 5187-5191.	1.2	113
10	Peierls and Holstein carrier-phonon coupling in crystalline rubrene. <i>Physical Review B</i> , 2010, 82, .	1.1	113
11	Novel Fused Diene Dyad and Diene Triad Incorporating Tetrathiafulvalene and p-Benzoquinone. <i>Journal of Organic Chemistry</i> , 2004, 69, 2164-2177.	1.7	104
12	Probing polymorphs of organic semiconductors by lattice phonon Raman microscopy. <i>CrystEngComm</i> , 2008, 10, 937.	1.3	103
13	Discovery of vibronic effects in the Raman spectra of mixed-stack charge-transfer crystals. <i>Physical Review B</i> , 1982, 26, 2306-2309.	1.1	101
14	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-F _x . <i>Crystal Growth and Design</i> , 2016, 16, 3028-3036.	1.4	99
15	Surface plasmon enhanced Raman spectra of monolayer assemblies. <i>Journal of Chemical Physics</i> , 1982, 77, 2254-2260.	1.2	90
16	A key to understanding ionic mixed stacked organic solids: Tetrathiafulvalene-bromanil (TTF-BA). <i>Solid State Communications</i> , 1985, 54, 753-759.	0.9	81
17	Zero-temperature phase diagram of mixed-stack charge-transfer crystals. <i>Physical Review B</i> , 1988, 37, 5748-5760.	1.1	78
18	Raman phonon spectra of pentacene polymorphs. <i>Chemical Physics Letters</i> , 2002, 357, 32-36.	1.2	77

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19	Phonons and structures of tetracene polymorphs at low temperature and high pressure. <i>Physical Review B</i> , 2004, 70, .	1.1	75
20	Infrared and Raman spectra of TTF and TTF-d4. <i>Chemical Physics Letters</i> , 1977, 52, 503-508.	1.2	72
21	Emission of light from Ag metal gratings coated with dye monolayer assemblies. <i>Journal of Chemical Physics</i> , 1981, 75, 4795-4799.	1.2	70
22	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
23	Accurate electron-molecular vibration coupling constants from powders optical spectra: TCNQ and TTF. <i>Solid State Communications</i> , 1984, 52, 801-806.	0.9	62
24	Inherent structures of crystalline pentacene. <i>Journal of Chemical Physics</i> , 2003, 118, 807-815.	1.2	62
25	Raman and infrared frequency shifts proceeding from ionization of perhalo-p-benzoquinones to radical anions. <i>Journal of Chemical Physics</i> , 1978, 68, 22.	1.2	60
26	Ionicity and electron molecular vibration interaction in mixed stack CT systems: M2Pâ€“TCNQ and M2Pâ€“TCNQF4. <i>Journal of Chemical Physics</i> , 1985, 83, 3134-3145.	1.2	60
27	Regular-dimerized stack and neutral-ionic interfaces in mixed-stack organic charge-transfer crystals. <i>Physical Review B</i> , 1986, 34, 2131-2139.	1.1	60
28	Electronâ€“molecular-vibration coupling in 7,7,8,8-tetracyano-p-Quinodimethane (TCNQ). <i>Chemical Physics Letters</i> , 1976, 44, 236-240.	1.2	59
29	Raman spectra of molecules on metal surfaces. <i>Surface Science</i> , 1980, 101, 417-424.	0.8	57
30	Probing Pentacene Polymorphs by Lattice Dynamics Calculations. <i>Journal of the American Chemical Society</i> , 2002, 124, 2128-2129.	6.6	57
31	Charge Sensitive Vibrations and Electron-Molecular Vibration Coupling in Bis(ethylenedithio)-tetrathiafulvalene (BEDT-TTF). <i>Journal of Physical Chemistry C</i> , 2011, 115, 19371-19378.	1.5	54
32	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
33	Charge fluctuations and electronâ€“phonon coupling in organic charge-transfer salts with neutralâ€“ionic and Peierls transitions. <i>Synthetic Metals</i> , 2004, 141, 129-138.	2.1	47
34	Electronâ€“phonon coupling in conjugated polymers: Reference force field and transferable coupling constants for polyacetylene. <i>Journal of Chemical Physics</i> , 1993, 98, 7459-7465.	1.2	46
35	Mixed regular stack chargeâ€“transfer crystals: Fundamental microscopic parameters from optical spectra. <i>Journal of Chemical Physics</i> , 1987, 87, 1705-1711.	1.2	45
36	Polarized Raman Spectra of a Rubrene Single Crystal. <i>Journal of Physical Chemistry C</i> , 2008, 112, 17416-17422.	1.5	45

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37	Interaction of charge carriers with lattice and molecular phonons in crystalline pentacene. Journal of Chemical Physics, 2011, 135, 084701.	1.2	44
38	Experimental determination of BEDT-TTF+electron-molecular vibration constants through optical microreflectance. Physical Review B, 1998, 58, 9460-9467.	1.1	43
39	From Solution to Langmuir-Blodgett Films: A Spectroscopic Study of a Zwitterionic Dye. Journal of Physical Chemistry B, 2004, 108, 10743-10750.	1.2	43
40	Structure and dynamics of pentacene on SiO ₂ : From monolayer to bulk structure. Physical Review B, 2012, 85, .	1.1	40
41	New Polymorphs of Perylene:Tetracyanoquinodimethane Charge Transfer Cocrystals. Crystal Growth and Design, 2018, 18, 2003-2009.	1.4	40
42	Infrared and Raman spectroscopic evidence of ground state charge densities at TCNQ sites in crystalline Cs ₂ (TCNQ) ₃ . Chemical Physics Letters, 1974, 25, 409-412.	1.2	38
43	Electron-Intramolecular Phonon Coupling in regular and Dimerized Mixed Stack Organic Semiconductors. Molecular Crystals and Liquid Crystals, 1985, 120, 17-26.	0.9	36
44	Neutral-ionic interface in mixed stack charge transfer compounds: Pressure induced ionic phase of tetrathiafulvalene-chloranil (TTFCA). Solid State Communications, 1986, 57, 891-896.	0.9	35
45	Evidence for a soft mode in the temperature induced neutral-ionic transition of TTF-CA. Chemical Physics Letters, 2003, 369, 428-433.	1.2	34
46	Phenomenology of the Neutral-Ionic Valence Instability in Mixed Stack Charge-Transfer Crystals. Crystals, 2017, 7, 108.	1.0	34
47	Lattice dynamics and electron-phonon coupling in the (BEDT-TTF) ₂ TCNQ organic superconductor. Physical Review B, 2000, 62, 14476-14486.	1.1	33
48	Exploring the polymorphism of crystalline pentacene. Organic Electronics, 2004, 5, 1-6.	1.4	33
49	Plasmon surface polariton luminescence from periodic metal gratings. Solid State Communications, 1981, 38, 895-898.	0.9	32
50	Molecular Dynamics Simulations for a Pentacene Monolayer on Amorphous Silica. ChemPhysChem, 2009, 10, 1783-1788.	1.0	32
51	Molecular Vibration Analysis of Ionicity and Phase Transition in TMPD-TCNQ (1:1) Charge Transfer Salt. Molecular Crystals and Liquid Crystals, 1984, 112, 325-343.	0.9	30
52	Studies of Organic Semiconductors for 40 Years. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 171, 69-87.	0.3	30
53	BEDT-TTF organic superconductors: The role of phonons. Physical Review B, 2002, 66, .	1.1	30
54	Cs ₂ TCNQ ₃ Revisited: A Detailed Description of its Ground State Through a Reinterpretation of the Optical Spectra. Molecular Crystals and Liquid Crystals, 1986, 134, 1-19.	0.9	29

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55	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
56	Raman study of the pressure-induced neutral-to-ionic transition in tetrathiafulvalene chloranil. <i>Physical Review B</i> , 1988, 38, 1456-1461.	1.1	28
57	Charge-order fluctuations and superconductivity in two-dimensional organic metals. <i>Physical Review B</i> , 2014, 89, .	1.1	27
58	Infrared active fundamental vibrations of TCNQ and chloranil monovalent anions. <i>Chemical Physics Letters</i> , 1973, 22, 553-558.	1.2	26
59	Water vapour uptake and extrusion by a crystalline metallorganic solid based on half-sandwich Ru(ii) building-blocks. <i>CrystEngComm</i> , 2011, 13, 4365.	1.3	26
60	Single crystal vibrational spectra of chloranil (2, 3, 5, 6-tetrachloro-p-benzoquinone). <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1973, 69, 1291.	1.1	25
61	Correlation between infrared spectra and magnetic and optical properties of potassium chloranil. Effects of phase transition and solvation processes. <i>Chemical Physics</i> , 1977, 21, 257-263.	0.9	25
62	Self-Assembled Architectures with Segregated Donor and Acceptor Units of a Dyad Based on a Monopyrroloannulated TTF-PTM Radical. <i>Chemistry - A European Journal</i> , 2015, 21, 8816-8825.	1.7	25
63	Vibrational spectra of fluoranil. (2, 3, 5, 6-Tetrafluoro-p-benzoquinone). <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1975, 71, 689.	1.1	24
64	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
65	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
66	Exact numerical diagonalization of one-dimensional interacting electrons non-adiabatically coupled to phonons. <i>Europhysics Letters</i> , 1996, 34, 127-132.	0.7	22
67	The dimer model for \hat{I}^2 -phase organic superconductors. <i>Europhysics Letters</i> , 1998, 42, 467-472.	0.7	22
68	Inherent Structures of Crystalline Tetracene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 10858-10862.	1.1	22
69	Temperature-induced valence and structural instability in DMTTF-CA: Single-crystal Raman and infrared measurements. <i>Physical Review B</i> , 2007, 76, .	1.1	22
70	Interacting electrons in 1D: Applicability of Hubbard models. <i>Synthetic Metals</i> , 1988, 27, A15-A20.	2.1	21
71	Ground state optical properties of charge transfer crystals close to the neutral-ionic interface: Tetrathiafulvalene-2,5-dichloro-p-benzoquinone. <i>Journal of Chemical Physics</i> , 1993, 98, 7692-7698.	1.2	21
72	Pariser-Parr-Pople force field for π -electrons: Raman and infrared shifts of trans-polyacetylene. <i>Journal of Chemical Physics</i> , 1994, 100, 7144-7152.	1.2	21

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73	Reaction of 1,2-Bis(2-selenoxo-3-methyl-4-imidazoliny)ethane (ebis) with TCNQ: Crystal Structure and Characterization of the Mixed-Valence Compound $[2(\text{ebis})_2 + \text{ebis}] \cdot 2[(\text{TCNQ})_3]_2$. <i>Inorganic Chemistry</i> , 1996, 35, 5403-5406.	1.9	21
74	Intermediate regime in pressure-induced neutral-ionic transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , 2007, 76, .	1.1	21
75	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
76	Spectroscopic characterization of charge order fluctuations in BEDT-TTF metals and superconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 953-956.	0.7	21
77	Pressure-driven neutral-ionic transition in ClMePD-DMeDCNQI. <i>Physical Review B</i> , 2001, 64, .	1.1	20
78	Lattice dynamics of TTF-CA across the neutral-ionic transition. <i>Chemical Physics</i> , 2006, 325, 71-77.	0.9	20
79	Polymorphism and Phonon Dynamics of Quaterthiophene. <i>ChemPhysChem</i> , 2009, 10, 657-663.	1.0	20
80	Polarized Absorption, Spontaneous and Stimulated Blue Light Emission of Type Tetraphenylbutadiene Monocrystals. <i>ChemPhysChem</i> , 2010, 11, 429-434.	1.0	20
81	Vibrational spectra of biphenylene. In-plane normal modes of biphenylene, [2,3,6,7-2H4]biphenylene and [2H8]biphenylene. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1973, 69, 818.	1.1	19
82	Electron correlations in one dimension: The Hubbard model. <i>Physical Review B</i> , 1989, 39, 2830-2833.	1.1	19
83	Anomalous Dispersion of Optical Phonons at the Neutral-Ionic Transition: Evidence from Diffuse X-Ray Scattering. <i>Physical Review Letters</i> , 2007, 99, 156407.	2.9	19
84	Charge-Sensitive Vibrations in <i>p</i> -Chloranil: The Strange Case of the CC Antisymmetric Stretching. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12844-12848.	1.2	19
85	Phonon dynamics and electron-phonon coupling in pristine picene. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1694-1699.	1.3	19
86	Raman Identification of Polymorphs in Pentacene Films. <i>Crystals</i> , 2016, 6, 41.	1.0	19
87	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
88	Normal coordinate analysis of fused-ring p-quinones: In-plane vibrations of 1,4-naphthoquinone and 9,10-anthraquinone. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1980, 36, 1053-1058.	0.1	18
89	Hubbard models and their applicability in solid state and molecular physics. <i>Solid State Communications</i> , 1988, 66, 273-275.	0.9	18
90	π -electron force field in internal coordinates for trans- and cis-polyacetylene. <i>Chemical Physics</i> , 1994, 184, 139-148.	0.9	18

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91	A new type of neutral-ionic interface in mixed stack organic charge transfer crystals: Temperature induced ionicity change in ClMePD-DMeDCNQI. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1904-1910.	1.3	18
92	Mixed Stack Organic Semiconductors: The Anomalous Case of the BTBT-TCNQ Series. <i>Crystal Growth and Design</i> , 2017, 17, 6255-6261.	1.4	18
93	Vibrational analysis of chlorinated p-benzoquinones. <i>Journal of Molecular Spectroscopy</i> , 1979, 77, 374-384.	0.4	17
94	Disorder in organic charge-transfer single crystals: Dipolar disorder in ClMePD-DMeDCNQI. <i>Journal of Chemical Physics</i> , 2005, 122, 024710.	1.2	17
95	Infrared active fundamental vibrations of TCNQ and chloranil monovalent anions. <i>Chemical Physics Letters</i> , 1973, 22, 553-558.	1.2	17
96	Halogen-bridged mixed valence Pt complexes: Comparison with mixed and segregated stack charge-transfer crystals. <i>Synthetic Metals</i> , 1989, 29, 181-188.	2.1	16
97	Are Crystal Polymorphs Predictable? The Case of Sexithiophene. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6715-6722.	1.1	16
98	Towards first-principles prediction of valence instabilities in mixed stack charge-transfer crystals. <i>Physical Review B</i> , 2017, 95, .	1.1	16
99	Mixed stack charge transfer crystals: Crossing the neutral-ionic borderline by chemical substitution. <i>Physical Review Materials</i> , 2018, 2, .	0.9	16
100	Temperature-induced valence instability in the charge-transfer crystal TMB-TCNQ. <i>Physical Review B</i> , 2017, 95, .	1.1	14
101	High pressure optical studies of neutral-ionic phase transitions in organic charge-transfer crystals. <i>Synthetic Metals</i> , 1987, 19, 503-508.	2.1	13
102	New semiconductors obtained by reaction of 4-imidazoline-2-selonederivatives with TCNQ. Characterization and X-ray structure of (C ₉ H ₁₂ N ₄ Se) ₂ +(TCNQ) ₂ ³⁻ . <i>Journal of Materials Chemistry</i> , 1998, 8, 1145-1150.	6.7	13
103	Correlated electrons in soft lattices: Raman scattering evidence of the nonequilibrium dielectric divergence at the neutral-ionic phase transition. <i>Physical Review B</i> , 2011, 83, .	1.1	13
104	Spectroscopic identification of quinacridone polymorphs for organic electronics. <i>CrystEngComm</i> , 2019, 21, 3702-3708.	1.3	13
105	In Situ Spectroscopic Characterization of Rectifying Molecular Monolayers Self-Assembled on Gold. <i>ChemPhysChem</i> , 2007, 8, 2195-2201.	1.0	12
106	Comment on Polymorphism in the 1:1 Charge-Transfer Complex DBTT-TCNQ and Its Effects on Optical and Electronic Properties. <i>Advanced Electronic Materials</i> , 2017, 3, 1600437.	2.6	12
107	TMPD-CA revisited: Ionicity, stack dimerization, and phase transition of a key mixed stack charge transfer crystal. <i>Journal of Chemical Physics</i> , 1988, 89, 494-503.	1.2	11
108	Valence-bond analysis of half-filled Hubbard chains with long-range interelectronic interactions and on-site energy alternation. <i>Physical Review B</i> , 1992, 45, 8913-8923.	1.1	11

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109	Raman investigation of polymorphism in 1,1,4,4-tetraphenylbutadiene. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 905-908.	1.2	11
110	Vibrational analysis of chlorinated para-benzoquinones. II. Infrared and Raman spectra of five chloroparabenzoquinone derivatives. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1975, 31, 1187-1200.	0.1	10
111	Pressure-driven neutral-ionic phase transition in tetrathiafulvalene-2,5-dichloro-p-benzoquinone: Example of continuous ionicity change. <i>Physical Review B</i> , 1992, 45, 7026-7030.	1.1	10
112	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
113	Conflicting evidence for ferroelectricity. <i>Nature</i> , 2017, 547, E9-E10.	13.7	10
114	VIBRATIONAL SPECTROSCOPY OF MIXED STACK ORGANIC SEMICONDUCTORS: COMPARISON WITH SEGREGATED STACK SYSTEMS. <i>Journal De Physique Colloque</i> , 1983, 44, C3-1547-C3-1550.	0.2	9
115	SERS spectra of TCNQ and TTF radical ions adsorbed on Ag and Au electrodes. <i>Surface Science</i> , 1985, 160, 87-102.	0.8	9
116	Phase diagram and optical properties of mixed stack organic charge-transfer crystals. <i>Synthetic Metals</i> , 1987, 19, 509-514.	2.1	9
117	Raman studies of the pressure driven neutral to ionic transitions in tetrathiafulvalene-haloquinone mixed stack charge transfer crystals. <i>Synthetic Metals</i> , 1988, 27, 549-556.	2.1	9
118	Infrared and Raman modes of polyacetylene and its isotopes: transferable coupling constants. <i>Chemical Physics Letters</i> , 1992, 198, 9-14.	1.2	9
119	Lattice dynamics and electron-phonon coupling in pentacene crystal structures. <i>Macromolecular Symposia</i> , 2004, 212, 375-380.	0.4	9
120	Exploration of the polymorph landscape for 1,1,4,4-tetraphenyl-1,3-butadiene. <i>CrystEngComm</i> , 2014, 16, 8205-8213.	1.3	9
121	Revisiting the Disorder-Order Transition in 1-X-Adamantane Plastic Crystals: Rayleigh Wing, Boson Peak, and Lattice Phonons. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7384-7391.	1.5	9
122	Infrared intensity and local vibrations of charged solitons. <i>Physical Review B</i> , 1997, 56, 15100-15108.	1.1	8
123	Lattice phonons in neutral BEDT-TTF crystal. <i>Chemical Physics Letters</i> , 1997, 274, 478-484.	1.2	8
124	Symmetrized mean-field description of magnetic instabilities in (BEDT-TTF) ₂ Cu[N(CN)] ₂ Ysalts. <i>Physical Review B</i> , 2001, 64, .	1.1	8
125	Solvated and Ferroelectric Phases of the Charge Transfer Co-Crystal TMB-TCNQ. <i>Crystal Growth and Design</i> , 2018, 18, 5592-5599.	1.4	8
126	Terahertz Raman scattering as a probe for electron-phonon coupling, disorder and correlation length in molecular materials. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10677-10688.	2.7	8

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127	Regular-dimerized stack vs neutral-ionic instability in mixed stack CT crystals. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 143, 559-561.	0.9	7
128	Halogen-bridged mixed-valence complexes as paradigms of strongly interacting low-dimensional systems: Ground state. <i>Synthetic Metals</i> , 1991, 42, 2721-2726.	2.1	7
129	Polyacetylene oligomers: π -electron fluctuations, vibrational intensities, and soliton confinement. <i>Physical Review B</i> , 1999, 60, 8129-8137.	1.1	7
130	Structure and phonons of $\hat{1}\pm$ -(ET) ₂ I ₃ \hat{a} ' crystals. <i>Physica B: Condensed Matter</i> , 1999, 265, 195-198.	1.3	7
131	Temperature evolution of pentacene crystal structure and phonon dynamics. <i>Materials Research Society Symposia Proceedings</i> , 2002, 725, 1.	0.1	7
132	Solution equilibrium between two structures of Perylene-F ₂ TCNQ charge transfer co-crystals. <i>Journal of Crystal Growth</i> , 2019, 516, 45-50.	0.7	7
133	Towards a Unified View of Electron-Phonon Coupling in 1D Solids. <i>Acta Physica Polonica A</i> , 1995, 87, 735-742.	0.2	7
134	Vibrational spectra of octafluoronaphthalene. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1974, 70, 6.	1.1	6
135	Spectroscopic characterization of (BEDT-TTF) ₂ [Pt(S ₂ C ₄ O ₂) ₂] charge density wave ground state. <i>Journal of Materials Chemistry</i> , 1999, 9, 1813-1818.	6.7	6
136	Electron-phonon coupling in BEDT-TTF (ET) superconductors. <i>Synthetic Metals</i> , 2000, 109, 13-17.	2.1	6
137	Reaction of N,N ϵ ² -dimethylimidazolidine-2-selone (4) with TCNQ. Characterisation and X-ray crystal structure of the mixed-valence compound 4 \hat{A} ·(TCNQ) _{1.167} . <i>Journal of Materials Chemistry</i> , 2000, 10, 1281-1286.	6.7	6
138	Electronic defects and conjugation length in mesoscopic π -systems. <i>Synthetic Metals</i> , 2001, 116, 259-262.	2.1	6
139	Raman spectrum of the potassium salt of chloranil (2,3,5,6-tetrachloro-p-benzoquinone) radical anion. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 87.	2.0	5
140	IR excitation spectra of low dimensional CT crystals: Multidimensional linear response theory approach. <i>Solid State Communications</i> , 1987, 63, 1087-1092.	0.9	5
141	Delocalization Contributions to Polyacetylene Force Fields. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 256, 711-719.	0.3	5
142	Experimental Estimate of the Holstein Electron-Phonon Coupling Constants in Perylene. <i>Advanced Electronic Materials</i> , 2020, 6, 2000208.	2.6	5
143	The Raman spectrum of hexamethylbenzene single crystal. <i>Chemical Physics Letters</i> , 1973, 20, 467-470.	1.2	4
144	Effect of e-mv coupling on the dimerization and neutral-ionic instabilities of quasi-1D charge-transfer crystals: Finite vs infinite U results. <i>Synthetic Metals</i> , 1988, 27, A121-A126.	2.1	4

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145	Pressure dependence of the site-CDW amplitude in MX chains and the role of electron-phonon coupling. <i>Synthetic Metals</i> , 1993, 56, 3407-3412.	2.1	4
146	Temperature dependence of structure and phonons of \hat{I}^{\pm} - and \hat{I}^2 -TTF crystals. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4170-4175.	1.3	4
147	Electronic and structural instabilities of mixed-stack organic charge-transfer salts. <i>Synthetic Metals</i> , 2005, 155, 357-364.	2.1	4
148	Extensive study of the electron donor 1,1,4,4-tetrathiabutadiene (TTB) and of its charge transfer crystal with TCNQ. <i>Synthetic Metals</i> , 2018, 235, 29-33.	2.1	4
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