Alberto Girlando

List of Publications by Year
in descending order

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180	5,558	76294	98753
papers	citations	40 h-index	67 g-index

187	187	187	3169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Terahertz Raman scattering as a probe for electronâ€“phonon coupling, disorder and correlation length in molecular materials. Journal of Materials Chemistry C, 2021, 9, 10677-10688.	2.7	8
2	Revisiting the Disorderâ€“Order Transition in 1-X-Adamantane Plastic Crystals: Rayleigh Wing, Boson Peak, and Lattice Phonons. Journal of Physical Chemistry C, 2021, 125, 7384-7391.	1.5	9
3	Relaxor ferroelectricity in the polar M2P-TCNQ charge-transfer crystal at the neutral-ionic interface. Physical Review B, 2021, 103, .	1.1	3
4	Tetramethylbenzidineâ€“TetrafluoroTCNQ (TMBâ€“TCNQF₄): A Narrow-Gap Semiconducting Salt with Room-Temperature Relaxor Ferroelectric Behavior. Journal of Physical Chemistry C, 2021, 125, 25816-25824.	1.5	2
5	Experimental Estimate of the Holstein Electronâ€“Phonon Coupling Constants in Perylene. Advanced Electronic Materials, 2020, 6, 2000208.	2.6	5
6	(Perylene)3-(TCNQF1)2: Yet Another Member in the Series of Peryleneâ€“TCNQFx Polymorphic Charge Transfer Crystals. Crystals, 2020, 10, 177.	1.0	4
7	Spectroscopic identification of quinacridone polymorphs for organic electronics. CrystEngComm, 2019, 21, 3702-3708.	1.3	13
8	Solution equilibrium between two structures of Perylene-F2TCNQ charge transfer co-crystals. Journal of Crystal Growth, 2019, 516, 45-50.	0.7	7
9	New Polymorphs of Perylene:Tetracyanoquinodimethane Charge Transfer Cocrystals. Crystal Growth and Design, 2018, 18, 2003-2009.	1.4	40
10	Extensive study of the electron donor 1,1,4,4-tetrathiabutadiene (TTB) and of its charge transfer crystal with TCNQ. Synthetic Metals, 2018, 235, 29-33.	2.1	4
11	Simulated Raman spectra of four tetraphenylbutadiene polymorphs. International Journal of Quantum Chemistry, 2018, 118, e25503.	1.0	2
12	An Alternative Strategy to Polymorph Recognition at Work: The Emblematic Case of Coronene. Crystal Growth and Design, 2018, 18, 4869-4873.	1.4	19
13	Solvated and Ferroelectric Phases of the Charge Transfer Co-Crystal TMB-TCNQ. Crystal Growth and Design, 2018, 18, 5592-5599.	1.4	8
14	Mixed stack charge transfer crystals: Crossing the neutral-ionic borderline by chemical substitution. Physical Review Materials, 2018, 2, .	0.9	16
15	Comment on Polymorphism in the 1:1 Chargeâ€Transfer Complex DBTTâ€TCNQ and Its Effects on Optical and Electronic Properties. Advanced Electronic Materials, 2017, 3, 1600437.	2.6	12
16	Mixed Stack Organic Semiconductors: The Anomalous Case of the BTBT-TCNQF_x Series. Crystal Growth and Design, 2017, 17, 6255-6261.	1.4	18
17	Temperature-induced valence instability in the charge-transfer crystal TMB-TCNQ. Physical Review B, 2017, 95, .	1.1	14
18	Conflicting evidence for ferroelectricity. Nature, 2017, 547, E9-E10.	13.7	10

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19	Towards first-principles prediction of valence instabilities in mixed stack charge-transfer crystals. Physical Review B, 2017, 95, .	1.1	16
20	Phenomenology of the Neutral-Ionic Valence Instability in Mixed Stack Charge-Transfer Crystals. Crystals, 2017, 7, 108.	1.0	34
21	Raman Identification of Polymorphs in Pentacene Films. Crystals, 2016, 6, 41.	1.0	19
22	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-F_x. Crystal Growth and Design, 2016, 16, 3028-3036.	1.4	99
23	Two New Polymorphs of the Organic Semiconductor 9,10-Diphenylanthracene: Raman and X-ray Analysis. Journal of Physical Chemistry C, 2016, 120, 1831-1840.	1.5	29
24	Selfâ€Assembled Architectures with Segregated Donor and Acceptor Units of a Dyad Based on a Monopyrroloâ€Annulated TTFâ€“PTM Radical. Chemistry - A European Journal, 2015, 21, 8816-8825.	1.7	25
25	Vibronic structure of picene electronic transitions. Chemical Physics Letters, 2014, 591, 47-51.	1.2	1
26	Charge-order fluctuations and superconductivity in two-dimensional organic metals. Physical Review B, 2014, 89, .	1.1	27
27	Exploration of the polymorph landscape for 1,1,4,4-tetraphenyl-1,3-butadiene. CrystEngComm, 2014, 16, 8205-8213.	1.3	9
28	Raman investigation of polymorphism in 1,1,4,4â€tetraphenylâ€butadiene. Journal of Raman Spectroscopy, 2013, 44, 905-908.	1.2	11
29	Structure and dynamics of pentacene on SiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: From monolayer to bulk structure. Physical Review B, 2012, 85, .	1.1	40
30	Phonon dynamics and electronâ€“phonon coupling in pristine picene. Physical Chemistry Chemical Physics, 2012, 14, 1694-1699.	1.3	19
31	Spectroscopic characterization of charge order fluctuations in BEDTâ€TTF metals and superconductors. Physica Status Solidi (B): Basic Research, 2012, 249, 953-956.	0.7	21
32	Charge Sensitive Vibrations and Electron-Molecular Vibration Coupling in Bis(ethylenedithio)-tetrathiafulvalene (BEDT-TTF). Journal of Physical Chemistry C, 2011, 115, 19371-19378.	1.5	54
33	Water vapour uptake and extrusion by a crystalline metallorganic solid based on half-sandwich Ru(ii) building-blocks. CrystEngComm, 2011, 13, 4365.	1.3	26
34	Correlated electrons in soft lattices: Raman scattering evidence of the nonequilibrium dielectric divergence at the neutral-ionic phase transition. Physical Review B, 2011, 83, .	1.1	13
35	Interaction of charge carriers with lattice and molecular phonons in crystalline pentacene. Journal of Chemical Physics, 2011, 135, 084701.	1.2	44
36	Polarized Absorption, Spontaneous and Stimulated Blue Light Emission of Jâ€type Tetraphenylbutadiene Monocrystals. ChemPhysChem, 2010, 11, 429-434.	1.0	20

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37	Spectroscopic and Structural Characterization of Two Polymorphs of 1,1,4,4-Tetraphenyl-1,3-butadiene. Crystal Growth and Design, 2010, 10, 2752-2758.	1.4	21
38	Peierls and Holstein carrier-phonon coupling in crystalline rubrene. Physical Review B, 2010, 82, .	1.1	113
39	Polymorphism and Phonon Dynamics of Î±â€Quaterthiophene. ChemPhysChem, 2009, 10, 657-663.	1.0	20
40	Molecular Dynamics Simulations for a Pentacene Monolayer on Amorphous Silica. ChemPhysChem, 2009, 10, 1783-1788.	1.0	32
41	Probing polymorphs of organic semiconductors by lattice phonon Raman microscopy. CrystEngComm, 2008, 10, 937.	1.3	103
42	Are Crystal Polymorphs Predictable? The Case of Sexithiophene. Journal of Physical Chemistry A, 2008, 112, 6715-6722.	1.1	16
43	Polarized Raman Spectra of a Rubrene Single Crystal. Journal of Physical Chemistry C, 2008, 112, 17416-17422.	1.5	45
44	Do Computed Crystal Structures of Nonpolar Molecules Depend on the Electrostatic Interactions? The Case of Tetracene. Journal of Physical Chemistry A, 2008, 112, 1085-1089.	1.1	10
45	Direct evidence of overdamped Peierls-coupled modes in the temperature-induced phase transition in tetrathiafulvalene-chloranil. Physical Review B, 2008, 78, .	1.1	24
46	Temperature-induced valence and structural instability in DMTTF-CA: Single-crystal Raman and infrared measurements. Physical Review B, 2007, 76, .	1.1	22
47	Intermediate regime in pressure-induced neutral-ionic transition in tetrathiafulvalene-chloranil. Physical Review B, 2007, 76, .	1.1	21
48	Anomalous Dispersion of Optical Phonons at the Neutral-Ionic Transition: Evidence from Diffuse X-Ray Scattering. Physical Review Letters, 2007, 99, 156407.	2.9	19
49	Charge-Sensitive Vibrations in p-Chloranil:â€‰ The Strange Case of the CC Antisymmetric Stretching. Journal of Physical Chemistry B, 2007, 111, 12844-12848.	1.2	19
50	In Situ Spectroscopic Characterization of Rectifying Molecular Monolayers Selfâ€Assembled on Gold. ChemPhysChem, 2007, 8, 2195-2201.	1.0	12
51	Inherent Structures of Crystalline Tetracene. Journal of Physical Chemistry A, 2006, 110, 10858-10862.	1.1	22
52	Lattice dynamics of TTFâ€“CA across the neutralâ€“ionic transition. Chemical Physics, 2006, 325, 71-77.	0.9	20
53	Characterization of Phase Purity in Organic Semiconductors by Lattice-Phonon Confocal Raman Mapping: Application to Pentacene. Advanced Materials, 2005, 17, 2549-2553.	11.1	67
54	Disorder in organic charge-transfer single crystals: Dipolar disorder in ClMePD-DMeDCNQI. Journal of Chemical Physics, 2005, 122, 024710.	1.2	17

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55	Electronic and structural instabilities of mixed-stack organic charge-transfer salts. Synthetic Metals, 2005, 155, 357-364.	2.1	4
56	Organic Semiconductors: Polymorphism, Phonon Dynamics and Carrier-Phonon Coupling in Pentacene. Molecular Crystals and Liquid Crystals, 2004, 416, 145-154.	0.4	23
57	Novel Fused Dâ^'A Dyad and Aâ^'Dâ^'A Triad Incorporating Tetrathiafulvalene andp-Benzoquinone. Journal of Organic Chemistry, 2004, 69, 2164-2177.	1.7	104
58	Exploring the polymorphism of crystalline pentacene. Organic Electronics, 2004, 5, 1-6.	1.4	33
59	From Solution to Langmuirâ^'Blodgett Films:Â Spectroscopic Study of a Zwitterionic Dye. Journal of Physical Chemistry B, 2004, 108, 10743-10750.	1.2	43
60	Intramolecular and Low-Frequency Intermolecular Vibrations of Pentacene Polymorphs as a Function of Temperature. Journal of Physical Chemistry B, 2004, 108, 1822-1826.	1.2	53
61	Phonons and structures of tetracene polymorphs at low temperature and high pressure. Physical Review B, 2004, 70, .	1.1	75
62	Charge fluctuations and electronâ€“phonon coupling in organic charge-transfer salts with neutralâ€“ionic and Peierls transitions. Synthetic Metals, 2004, 141, 129-138.	2.1	47
63	Lattice dynamics and electron-phonon coupling in pentacene crystal structures. Macromolecular Symposia, 2004, 212, 375-380.	0.4	9
64	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
65	Temperature and pressure studies of the continuous neutralâ€“ionic borderline in ClMePDâ€“DMeDCNQI. Synthetic Metals, 2003, 133-134, 629-631.	2.1	1
66	Organic superconductors: How can we increase the critical temperature?. Synthetic Metals, 2003, 137, 1273-1274.	2.1	0
67	Inherent structures of crystalline pentacene. Journal of Chemical Physics, 2003, 118, 807-815.	1.2	62
68	BEDT-TTF organic superconductors: The role of phonons. Physical Review B, 2002, 66, .	1.1	30
69	Neutral to Ionic Pressure-Induced Phase Transition in the Mixed Stack Charge-Transfer Crystal ClMePD-DMeDCNQI. High Pressure Research, 2002, 22, 95-98.	0.4	0
70	Probing Pentacene Polymorphs by Lattice Dynamics Calculations. Journal of the American Chemical Society, 2002, 124, 2128-2129.	6.6	57
71	Temperature evolution of pentacene crystal structure and phonon dynamics. Materials Research Society Symposia Proceedings, 2002, 725, 1.	0.1	7
72	Raman phonon spectra of pentacene polymorphs. Chemical Physics Letters, 2002, 357, 32-36.	1.2	77

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73	Electron-Intermolecular Phonon Coupling in Îº-Phase BEDT-TTF Organic Superconductors. , 2002, , 251-254.		0
74	Electronic defects and conjugation length in mesoscopic Ï€-systems. Synthetic Metals, 2001, 116, 259-262.	2.1	6
75	Temperature dependence of structure and phonons of Î±- and Î²-TTF crystals. Physical Chemistry Chemical Physics, 2001, 3, 4170-4175.	1.3	4
76	A new type of neutralâ€“ionic interface in mixed stack organic charge transfer crystals: Temperature induced ionicity change in ClMePDâ€“DMeDCNQI. Physical Chemistry Chemical Physics, 2001, 3, 1904-1910.	1.3	18
77	Pressure-driven neutral-ionic transition in ClMePD-DMeDCNQI. Physical Review B, 2001, 64, .	1.1	20
78	Symmetrized mean-field description of magnetic instabilities inÎºâˆ’(BEDTâˆ’TTF)2Cu[N(CN)]2Ysalts. Physical Review B, 2001, 64, .	1.1	8
79	Lattice dynamics and electron-phonon coupling in theÎ²â€²(BEDTâˆ’TTF)2I3organic superconductor. Physical Review B, 2000, 62, 14476-14486.	1.1	33
80	Electronâ€“phonon coupling in BEDT-TTF (ET) superconductors. Synthetic Metals, 2000, 109, 13-17.	2.1	6
81	Reaction of N,Nâ€²-dimethylimidazolidine-2-selone (4) with TCNQ. Characterisation and X-ray crystal structure of the mixed-valence compound 4Â·(TCNQ)1.167. Journal of Materials Chemistry, 2000, 10, 1281-1286.	6.7	6
82	Polyacetylene oligomers:Ï€-electron fluctuations, vibrational intensities, and soliton confinement. Physical Review B, 1999, 60, 8129-8137.	1.1	7
83	Structure and phonons of Î±-(ET)2+I3âˆ’ crystals. Physica B: Condensed Matter, 1999, 265, 195-198.	1.3	7
84	Vibronic structure of PTCDA stacks: the excitonâ€“phonon-charge-transfer dimer. Chemical Physics, 1999, 245, 199-212.	0.9	132
85	Spectroscopic characterization of (BEDT-TTF)2[Pt(S2C4O2)2] charge density wave ground state. Journal of Materials Chemistry, 1999, 9, 1813-1818.	6.7	6
86	Lattice dynamics and e-ph coupling in BEDT-TTF superconductors. Synthetic Metals, 1999, 103, 2083.	2.1	0
87	CT interactions and e-mv coupling in BEDT-TTF (ET) salts and complexes. Synthetic Metals, 1999, 103, 1802-1803.	2.1	1
88	Îº-Phase organic superconductors: the dimer model. Synthetic Metals, 1999, 103, 1995.	2.1	0
89	Short Polymer Chains: Geometry and Vibrations. Synthetic Metals, 1999, 101, 321-322.	2.1	0
90	New semiconductors obtained by reaction of 4-imidazoline-2-selonederivatives with TCNQ. Characterization and X-ray structure of (C9H12N4Se)2+(TCNQ)2âˆ’3. Journal of Materials Chemistry, 1998, 8, 1145-1150.	6.7	13

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91	The dimer model for Î²-phase organic superconductors. Europhysics Letters, 1998, 42, 467-472.	0.7	22
92	Experimental determination ofBEDTâ^'TTF+electron-molecular vibration constants through optical microreflectance. Physical Review B, 1998, 58, 9460-9467.	1.1	43
93	Infrared intensity and local vibrations of charged solitons. Physical Review B, 1997, 56, 15100-15108.	1.1	8
94	Vibrational spectra of pristine, photoexcited and doped polyacetylene: towards a microscopic model. Synthetic Metals, 1997, 85, 1079-1080.	2.1	0
95	Intermolecular phonons in BEDT-TTF crystals. Synthetic Metals, 1997, 85, 1561-1562.	2.1	3
96	A new class of electron donors based on imidazoline-2-selone. Synthetic Metals, 1997, 86, 1853-1854.	2.1	3
97	Lattice phonons in neutral BEDT-TTF crystal. Chemical Physics Letters, 1997, 274, 478-484.	1.2	8
98	Reaction of 1,2-Bis(2-selenoxo-3-methyl-4-imidazolinyl)ethane (ebis) with TCNQ:â€‰ Crystal Structure and Characterization of the Mixed-Valence Compound [2(ebis)2+Â·ebis]Â·2[(TCNQ)32-]. Inorganic Chemistry, 1996, 35, 5403-5406.	1.9	21
99	Exact numerical diagonalization of one-dimensional interacting electrons non-adiabatically coupled to phonons. Europhysics Letters, 1996, 34, 127-132.	0.7	22
100	Reference force field and charge-density-wave amplitude of mixed-valence halogen-bridged Pt complexes. Physical Review B, 1995, 51, 17338-17347.	1.1	2
101	Interacting electrons and non-adiabatic holstein phonons: The numerical treatment of the neutral-ionic phase transition. Synthetic Metals, 1995, 70, 1029-1030.	2.1	1
102	Towards a Unified View of Electron-Phonon Coupling in 1D Solids. Acta Physica Polonica A, 1995, 87, 735-742.	0.2	7
103	Ï€-electron force field in internal coordinates for trans- and cis-polyacetylene. Chemical Physics, 1994, 184, 139-148.	0.9	18
104	Pariserâ€“Parrâ€“Pople force field for Ï€â€electrons: Raman and infrared shifts of transâ€polyacetylene. Journal of Chemical Physics, 1994, 100, 7144-7152.	1.2	21
105	Delocalization Contributions to Polyacetylene Force Fields. Molecular Crystals and Liquid Crystals, 1994, 256, 711-719.	0.3	5
106	Electron-electron and electron-phonon interactions in 1D half-filled chains: phase diagram. Synthetic Metals, 1993, 57, 4543-4548.	2.1	1
107	Electronâ€“phonon coupling in conjugated polymers: Reference force field and transferable coupling constants for polyacetylene. Journal of Chemical Physics, 1993, 98, 7459-7465.	1.2	46
108	Electron-phonon coupling in trans-polyacetylene: a semiempirical approach. Synthetic Metals, 1993, 57, 4549-4555.	2.1	2

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109	Pressure dependence of the site-CDW amplitude in MX chains and the role of electron-phonon coupling. Synthetic Metals, 1993, 56, 3407-3412.	2.1	4
110	Electron-Phonon Vs. Electron-Electron Interactions in Low Dimensional Solids. Molecular Crystals and Liquid Crystals, 1993, 234, 145-154.	0.3	3
111	Valence-bond analysis of half-filled dimerized Hubbard chains. Physical Review B, 1993, 48, 10683-10691.	1.1	3
112	Ground state optical properties of charge transfer crystals close to the neutralâ€ionic interface: Tetrathiafulvaleneâ€2,5â€dichloroâ€pâ€benzoquinone. Journal of Chemical Physics, 1993, 98, 7692-7698.	1.2	21
113	Pressure-driven neutral-ionic phase transition in tetrathiafulvalene-2,5-dichloro-p-benzoquinone: Example of continuous ionicity change. Physical Review B, 1992, 45, 7026-7030.	1.1	10
114	Valence-bond analysis of half-filled Hubbard chains with long-range interelectronic interactions and on-site energy alternation. Physical Review B, 1992, 45, 8913-8923.	1.1	11
115	Infrared and Raman modes of polyacetylene and its isotopes: transferable coupling constants. Chemical Physics Letters, 1992, 198, 9-14.	1.2	9
116	Halogen-bridged mixed-valence complexes as paradigms of strongly interacting low-dimensional systems: Ground state. Synthetic Metals, 1991, 42, 2721-2726.	2.1	7
117	Beyond the Hubbard Model: Screened Interactions in 1D. NATO ASI Series Series B: Physics, 1990, , 441-446.	0.2	0
118	Electron correlations in one dimension: The Hubbard model. Physical Review B, 1989, 39, 2830-2833.	1.1	19
119	Studies of Organic Semiconductors for 40 Yearsâ€”V. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 171, 69-87.	0.3	30
120	Halogen-bridged mixed valence Pt complexes: Comparison with mixed and segregated stack charge-transfer crystals. Synthetic Metals, 1989, 29, 181-188.	2.1	16
121	Electron-phonon coupling in mixed-valence compounds: mode mixing and coupling constants. The Journal of Physical Chemistry, 1989, 93, 8385-8386.	2.9	2
122	The Hubbard Model for One-Dimensional Solids. NATO ASI Series Series B: Physics, 1989, , 165-170.	0.2	1
123	Instabilities in Half-Filled One-Dimensional Systems: Valence Bond Analysis. NATO ASI Series Series B: Physics, 1989, , 189-200.	0.2	1
124	Hubbard models and their applicability in solid state and molecular physics. Solid State Communications, 1988, 66, 273-275.	0.9	18
125	Interacting electrons in 1D: Applicability of Hubbard models. Synthetic Metals, 1988, 27, A15-A20.	2.1	21
126	Effect of e-mv coupling on the dimerization and neutral-ionic instabilities of quasi-1D charge-transfer crystals: Finite vs infinite U results. Synthetic Metals, 1988, 27, A121-A126.	2.1	4

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127	Raman studies of the pressure driven neutral to ionic transitions in tetrathiafulvalene-haloquinone mixed stack charge transfer crystals. Synthetic Metals, 1988, 27, 549-556.	2.1	9
128	Raman study of the pressure-induced neutral-to-ionic transition in tetrathiafulvalene chloranil. Physical Review B, 1988, 38, 1456-1461.	1.1	28
129	TMPDâ€“CA revisited: Ionicity, stack dimerization, and phase transition of a key mixed stack charge transfer crystal. Journal of Chemical Physics, 1988, 89, 494-503.	1.2	11
130	Zero-temperature phase diagram of mixed-stack charge-transfer crystals. Physical Review B, 1988, 37, 5748-5760.	1.1	78
131	Comment on: The instabilities of mixed stack organic charge transfer crystals. Journal of Chemical Physics, 1988, 89, 616-617.	1.2	0
132	Phase diagram and optical properties of mixed stack organic charge-transfer crystals. Synthetic Metals, 1987, 19, 509-514.	2.1	9
133	High pressure optical studies of neutral-ionic phase transitions in organic charge-transfer crystals. Synthetic Metals, 1987, 19, 503-508.	2.1	13
134	Mixed regular stack chargeâ€“transfer crystals: Fundamental microscopic parameters from optical spectra. Journal of Chemical Physics, 1987, 87, 1705-1711.	1.2	45
135	IR excitation spectra of low dimensional CT crystals: Multidimensional linear response theory approach. Solid State Communications, 1987, 63, 1087-1092.	0.9	5
136	CS₂TCNQ₃Revisited: 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
137	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
138	Regular-dimerized stack vs neutral-ionic instability in mixed stack CT crystals. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 143, 559-561.	0.9	7
139	Regular-dimerized stack and neutral-ionic interfaces in mixed-stack organic charge-transfer crystals. Physical Review B, 1986, 34, 2131-2139.	1.1	60
140	Electronâ€“molecular vibration (eâ€“mv) coupling in chargeâ€transfer compounds and its consequences on the optical spectra: A theoretical framework. Journal of Chemical Physics, 1986, 84, 5655-5671.	1.2	204
141	REGULAR-DIMERIZED STACK vs NEUTRAL-IONIC INSTABILITY IN MIXED STACK CT CRYSTALS. , 1986, , 559-561.		0
142	A key to understanding ionic mixed stacked organic solids: Tetrathiafulvalene-bromanil (TTF-BA). Solid State Communications, 1985, 54, 753-759.	0.9	81
143	Electron-Intramolecular Phonon Coupling in regular and Dimerized Mixed Stack Organic Semiconductors. Molecular Crystals and Liquid Crystals, 1985, 120, 17-26.	0.9	36
144	Ionicity and electron molecular vibration interaction in mixed stack CT systems: M2Pâ€“TCNQ and M2Pâ€“TCNQF4. Journal of Chemical Physics, 1985, 83, 3134-3145.	1.2	60

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145	SERS spectra of TCNQ and TTF radical ions adsorbed on Ag and Au electrodes. Surface Science, 1985, 160, 87-102.	0.8	9
146	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
147	Accurate electron-molecular vibration coupling constants from powders optical spectra: TCNQ and TTF. Solid State Communications, 1984, 52, 801-806.	0.9	62
148	Vibrational spectroscopy of mixed stack organic semiconductors: Neutral and ionic phases of tetrathiafulvaleneâ€“chloranil (TTFâ€“CA) charge transfer complex. Journal of Chemical Physics, 1983, 79, 1075-1085.	1.2	206
149	VIBRATIONAL SPECTROSCOPY OF MIXED STACK ORGANIC SEMICONDUCTORS: COMPARISON WITH SEGREGATED STACK SYSTEMS. Journal De Physique Colloque, 1983, 44, C3-1547-C3-1550.	0.2	9
150	Discovery of vibronic effects in the Raman spectra of mixed-stack charge-transfer crystals. Physical Review B, 1982, 26, 2306-2309.	1.1	101
151	Surface plasmon enhanced Raman spectra of monolayer assemblies. Journal of Chemical Physics, 1982, 77, 2254-2260.	1.2	90
152	Plasmon surface polariton luminescence from periodic metal gratings. Solid State Communications, 1981, 38, 895-898.	0.9	32
153	Emission of light from Ag metal gratings coated with dye monolayer assemblies. Journal of Chemical Physics, 1981, 75, 4795-4799.	1.2	70
154	Anomalous Nature of Neutral-to-Ionic Phase Transition in Tetrathiafulvalene-Chloranil. Physical Review Letters, 1981, 47, 1747-1750.	2.9	385
155	Normal coordinate analysis of fused-ring p-quinones: In-plane vibrations of 1,4-naphthoquinone and 9,10-anthraquinone. Spectrochimica Acta Part A: Molecular Spectroscopy, 1980, 36, 1053-1058.	0.1	18
156	Raman spectra of molecules on metal surfaces. Surface Science, 1980, 101, 417-424.	0.8	57
157	Raman spectra of thin organic films enhanced by plasmon surface polaritons on holographic metal gratings. Journal of Chemical Physics, 1980, 72, 5187-5191.	1.2	113
158	Vibrational analysis of chlorinated p-benzoquinones. Journal of Molecular Spectroscopy, 1979, 77, 374-384.	0.4	17
159	Vibrational spectroscopy of molecular constituents of one-dimensional organic conductors. Tetrathiofulvalene (TTF), TTF+, and (TTF+)2 dimer. Journal of Chemical Physics, 1979, 71, 2282.	1.2	207
160	Intramolecular vibrations and vibronic effects in 1-D conductors derived from TTF. , 1979, , 215-222.		0
161	Vibrational analysis of chlorinated para-benzoquinonesâ€”III. Infrared and Raman spectra of the five fully deuterated chloroparabenzoquinones. Spectrochimica Acta Part A: Molecular Spectroscopy, 1978, 34, 453-463.	0.1	2
162	Influence of the intermolecular charge transfer interaction on the solution and solid state infrared spectra of 7,7,8,8-tetracyanoquinodimethane (TCNQ) alkaline salts. Journal of the Chemical Society, Faraday Transactions 2, 1978, 74, 235.	1.1	132

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163	Raman and infrared frequency shifts proceeding from ionization of perhalo-p-benzoquinones to radical anions. Journal of Chemical Physics, 1978, 68, 22.	1.2	60
164	Correlation between infrared spectra and magnetic and optical properties of potassium chloranil. Effects of phase transition and solvation processes. Chemical Physics, 1977, 21, 257-263.	0.9	25
165	Infrared and Raman spectra of TTF and TTF-d4. Chemical Physics Letters, 1977, 52, 503-508.	1.2	72
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167	Electronâ€"molecular-vibration coupling in 7,7,8,8-tetracyano-p-Quinodimethane (TCNQ). Chemical Physics Letters, 1976, 44, 236-240.	1.2	59
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