anna Painelli

List of Publications by Year in Descending Order

171 papers	3,942 citations	36 h-index	55 g-index
187 ext. papers	4,297 ext. citations	4.8 avg, IF	5.39 L-index

#	Paper	IF	Citations
171	Mean-Field Effects on the Phosphorescence of Dinuclear Re(I) Complex Polymorphs.. *Crystal Growth and Design*, **2022**, 22, 772-778	3.5	
170	Thermally activated delayed fluorescence: A critical assessment of environmental effects on the singlet-triplet energy gap. *Journal of Chemical Physics*, **2021**, 154, 134112	3.9	4
169	Understanding TADF: a joint experimental and theoretical study of DMAC-TRZ. *Physical Chemistry Chemical Physics*, **2021**, 23, 378-387	3.6	9
168	Increasing resonance energy transfer upon dilution: a counterintuitive observation in CTAB micelles. *Journal of Materials Chemistry C*, **2021**, 9, 10952-10964	7.1	0
167	Aggregates of polar dyes: beyond the exciton model. *Physical Chemistry Chemical Physics*, **2021**, 23, 8282-8291	3.6	2
166	Emergent chiroptical properties in supramolecular and plasmonic assemblies. *Chemical Society Reviews*, **2021**, 50, 11208-11226	58.5	3
165	Supramolecular chirality: a caveat in assigning the handedness of chiral aggregates. *Chemical Communications*, **2020**, 56, 8281-8284	5.8	21
164	Antiadiabatic View of Fast Environmental Effects on Optical Spectra. *Physical Review Letters*, **2020**, 124, 107401	7.4	5
163	Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. *ACS Applied Materials & Interfaces*, **2020**, 12, 20253-20262	9.5	11
162	Optical spectra of organic dyes in condensed phases: the role of the medium polarizability. *Physical Chemistry Chemical Physics*, **2020**, 22, 25483-25491	3.6	4
161	Dynamical disorder and resonance energy transfer: a novel quantum-classical approach. *Physical Chemistry Chemical Physics*, **2020**, 22, 1061-1068	3.6	3
160	Understanding Förster Energy Transfer through the Lens of Molecular Dynamics. *Journal of Chemical Theory and Computation*, **2020**, 16, 7281-7288	6.4	3
159	Addressing Charge-Transfer and Locally-Excited States in a Twisted Biphenyl Push-Pull Chromophore. *ChemPhysChem*, **2019**, 20, 2860-2873	3.2	9
158	Optical spectra of molecular aggregates and crystals: testing approximation schemes. *Physical Chemistry Chemical Physics*, **2019**, 21, 19816-19824	3.6	9
157	Chiral Plasmons: Au Nanoparticle Assemblies on Thermoresponsive Organic Templates. *ACS Nano*, **2019**, 13, 4392-4401	16.7	19
156	Excited-State Symmetry Breaking in an Aza-Nanographene Dye. *Chemistry - A European Journal*, **2019**, 25, 13930-13938	4.8	9
155	Which are the main fluorophores in skin and oral mucosa? A review with emphasis on clinical applications of tissue autofluorescence. *Archives of Oral Biology*, **2019**, 105, 89-98	2.8	9

154	About the origin of the large Stokes shift in aminoalkyl substituted heptamethine cyanine dyes. *Physical Chemistry Chemical Physics*, **2019**, 22, 129-135	3.6	17
153	Effect of the Molecular Polarizability of SAMs on the Work Function Modification of Gold: Closed- versus Open-Shell Donor–Acceptor SAMs. *Advanced Materials Technologies*, **2019**, 4, 1800152	6.8	7
152	Nanostructuring Lipophilic Dyes in Water Using Stable Vesicles, Quatsomes, as Scaffolds and Their Use as Probes for Bioimaging. *Small*, **2018**, 14, e1703851	11	15
151	Electronic Nature of Nonlinear Optical Properties of a Symmetrical Two-Photon Absorbing Fluorene Derivative: Experimental Study and Theoretical Modeling. *Journal of Physical Chemistry C*, **2018**, 122, 5664-5672	3.8	8
150	Systematic Molecular Engineering of a Series of Aniline-Based Squaraine Dyes and Their Structure-Related Properties. *Journal of Physical Chemistry C*, **2018**, 122, 3994-4008	3.8	15
149	Emergence of Chiroptical Properties in Molecular Assemblies of Phenyleneethynylenes: The Role of Quasi-degenerate Excitations. *Journal of Physical Chemistry Letters*, **2018**, 9, 4584-4590	6.4	5
148	Intermolecular Energy Transfer in Real Time. *Journal of Chemical Theory and Computation*, **2018**, 14, 5339-5349	5.4	11
147	Multistimuli-Responsive Materials from Benzothiadiazole-Based Charge-Transfer Chromophores: Interdependence of Optical Properties and Aggregation. *ChemPhotoChem*, **2018**, 2, 1027-1037	3.3	6
146	Superlinear amplification of the first hyperpolarizability of linear aggregates of DANS molecules. *Physical Chemistry Chemical Physics*, **2017**, 19, 24979-24984	3.6	10
145	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. *Journal of Physical Chemistry C*, **2017**, 121, 17466-17478	3.8	16
144	Terahertz-pulse driven modulation of electronic spectra: Modeling electron-phonon coupling in charge-transfer crystals. *Physical Review B*, **2017**, 96,	3.3	1
143	Conflicting evidence for ferroelectricity. *Nature*, **2017**, 547, E9-E10	50.4	9
142	Towards first-principles prediction of valence instabilities in mixed stack charge-transfer crystals. *Physical Review B*, **2017**, 95,	3.3	12
141	Modeling the Neutral-Ionic Transition with Correlated Electrons Coupled to Soft Lattices and Molecules. *Crystals*, **2017**, 7, 144	2.3	12
140	Aggregates of quadrupolar dyes for two-photon absorption: the role of intermolecular interactions. *Physical Chemistry Chemical Physics*, **2016**, 18, 28198-28208	3.6	40
139	Combining intra- and intermolecular charge-transfer: a new strategy towards molecular ferromagnets and multiferroics. *Scientific Reports*, **2016**, 6, 19682	4.9	5
138	Ultrafast spectroscopy, superluminescence and theoretical modeling of a two-photon absorbing fluorene derivative. *Physical Chemistry Chemical Physics*, **2016**, 18, 12839-46	3.6	9
137	Self-assembled architectures with segregated donor and acceptor units of a dyad based on a monopyrrolo-annulated TTF-PTM radical. *Chemistry - A European Journal*, **2015**, 21, 8816-25	4.8	22

136	Two-dimensional electronic-vibrational spectra: modeling correlated electronic and nuclear motion. *Physical Chemistry Chemical Physics*, **2015**, 17, 13074-81	3.6	15
135	Coherent excitations at the neutral-ionic transition: Femtosecond dynamics on diabatic potential energy surfaces. *Physical Review B*, **2015**, 91,	3.3	12
134	Vibrational coherences in charge-transfer dyes: a non-adiabatic picture. *Journal of Chemical Physics*, **2014**, 141, 164317	3.9	9
133	Intramolecular electron transfer and charge delocalization in bistable donor–acceptor systems based on perchlorotriphenylmethyl radicals linked to ferrocene and tetrathiafulvalene units. *Journal of Physical Organic Chemistry*, **2014**, 27, 465-469	2.1	10
132	Tuning the nature of the fluorescent state: a substituted polycondensed dye as a case study. *Chemistry - A European Journal*, **2013**, 19, 924-35	4.8	16
131	Intimately bound coumarin and bis(alkylaminostyryl)benzene fragments: synthesis and energy transfer. *Tetrahedron*, **2013**, 69, 2827-2833	2.4	8
130	Intra- and intermolecular charge transfer in aggregates of tetrathiafulvalene-triphenylmethyl radical derivatives in solution. *Journal of the American Chemical Society*, **2013**, 135, 6958-67	16.4	56
129	Two-photon absorption spectra of a near-infrared 2-azaazulene polymethine dye: solvation and ground-state symmetry breaking. *Physical Chemistry Chemical Physics*, **2013**, 15, 7666-78	3.6	44
128	Asymmetric squaraine dyes: spectroscopic and theoretical investigation. *Journal of Physical Chemistry B*, **2013**, 117, 8536-46	3.4	26
127	Thermomagnetic Molecular System Based on TTF-PTM Radical: Switching the Spin and Charge Delocalization. *Journal of Physical Chemistry Letters*, **2013**, 4, 2721-2726	6.4	29
126	Bistability of Fc-PTM-Based Dyads: The Role of the Donor Strength. *Chemistry of Materials*, **2013**, 25, 808-814	9.6	41
125	Induced Self-Assembly of a Tetrathiafulvalene-Based Open-Shell Dyad through Intramolecular Electron Transfer. *Angewandte Chemie*, **2012**, 124, 11186-11190	3.6	10
124	Induced self-assembly of a tetrathiafulvalene-based open-shell dyad through intramolecular electron transfer. *Angewandte Chemie - International Edition*, **2012**, 51, 11024-8	16.4	39
123	Resonance energy transfer between polar charge-transfer dyes: A focus on the limits of the dipolar approximation. *Chemical Physics*, **2012**, 404, 9-15	2.3	13
122	Spectroscopic characterization and modeling of quadrupolar charge-transfer dyes with bulky substituents. *Journal of Physical Chemistry B*, **2012**, 116, 4959-66	3.4	23
121	Essential state model for two-photon absorption spectra of polymethine dyes. *ChemPhysChem*, **2012**, 13, 2795-800	3.2	21
120	Vibronic model for spin crossover complexes. *Physical Review B*, **2011**, 84,	3.3	29
119	Dimers of polar chromophores in solution: role of excitonic interactions in one- and two-photon absorption properties. *Physical Chemistry Chemical Physics*, **2011**, 13, 11099-109	3.6	37

118	Beyond the Förster formulation for resonance energy transfer: the role of dark states. *Physical Chemistry Chemical Physics*, **2011**, 13, 12734-44	3.6	15
117	Fluorescence anisotropy spectra disclose the role of disorder in optical spectra of branched intramolecular-charge-transfer molecules. *Journal of Physical Chemistry B*, **2011**, 115, 7009-20	3.4	38
116	Polar fluorenes and spirobifluorenes: fluorescence and fluorescence anisotropy spectra. *Journal of Physical Chemistry B*, **2011**, 115, 11420-30	3.4	13
115	Negative differential conductance in nanojunctions: A current constrained approach. *Physical Review B*, **2011**, 83,	3.3	12
114	Correlated electrons in soft lattices: Raman scattering evidence of the nonequilibrium dielectric divergence at the neutral-ionic phase transition. *Physical Review B*, **2011**, 83,	3.3	12
113	First hyperpolarizability dispersion of the octupolar molecule crystal violet: multiple resonances and vibrational and solvation effects. *Journal of the American Chemical Society*, **2010**, 132, 16467-78	16.4	54
112	Dimers of quadrupolar chromophores in solution: electrostatic interactions and optical spectra. *Journal of Physical Chemistry B*, **2010**, 114, 882-93	3.4	21
111	Essential-State Model for Polymethine Dyes: Symmetry Breaking and Optical Spectra. *Journal of Physical Chemistry Letters*, **2010**, 1, 1800-1804	6.4	80
110	Quadrupolar chromophores for voltage sensing and white-light generation. *ChemPhysChem*, **2009**, 10, 527-31	3.2	7
109	Essential state models for solvatochromism in donor-acceptor molecules: the role of the bridge. *Journal of Physical Chemistry B*, **2009**, 113, 4718-25	3.4	41
108	Enhancing the efficiency of two-photon absorption by metal coordination. *Physical Chemistry Chemical Physics*, **2009**, 11, 9450-7	3.6	26
107	Cooperativity from electrostatic interactions: understanding bistability in molecular crystals. *CrystEngComm*, **2009**, 11, 2040	3.3	20
106	Electroabsorption spectra of quadrupolar and octupolar dyes in solution: beyond the liptay formulation. *Journal of Physical Chemistry A*, **2008**, 112, 8697-705	2.8	5
105	Symmetry breaking in octupolar chromophores: solvatochromism and electroabsorption. *Journal of Physical Chemistry B*, **2008**, 112, 5079-87	3.4	80
104	Bistability in Fc-PTM crystals: the role of intermolecular electrostatic interactions. *Journal of the American Chemical Society*, **2008**, 130, 12064-72	16.4	56
103	Direct evidence of overdamped Peierls-coupled modes in the temperature-induced phase transition in tetrathiafulvalene-chloranil. *Physical Review B*, **2008**, 78,	3.3	23
102	One- and two-photon absorption and emission properties of heteroaromatic bichromophores **2008**,		1
101	Multichromophores for nonlinear optics: designing the material properties by electrostatic interactions. *ChemPhysChem*, **2007**, 8, 2433-44	3.2	69

100	In situ spectroscopic characterization of rectifying molecular monolayers self-assembled on gold. *ChemPhysChem*, **2007**, 8, 2195-201	3.2	11
99	Electron-transfer in molecular functional materials. *Theoretical Chemistry Accounts*, **2007**, 117, 915-931	1.9	21
98	Anomalous dispersion of optical phonons at the neutral-ionic transition: evidence from diffuse x-ray scattering. *Physical Review Letters*, **2007**, 99, 156407	7.4	19
97	Metastable domains and potential energy surfaces in organic charge-transfer salts with neutral-ionic phase transitions. *Physical Review B*, **2007**, 75,	3.3	32
96	Cooperative interactions in supramolecular aggregates: linear and nonlinear responses in calix[4]arenes. *ChemPhysChem*, **2006**, 7, 2168-74	3.2	33
95	Collective and Cooperative Phenomena in Molecular Functional Materials. *Challenges and Advances in Computational Chemistry and Physics*, **2006**, 251-282	0.7	5
94	Real-space description of current-constrained molecular junctions. *Physical Review B*, **2006**, 74,	3.3	4
93	Charge instability in quadrupolar chromophores: symmetry breaking and solvatochromism. *Journal of the American Chemical Society*, **2006**, 128, 15742-55	16.4	330
92	Aggregates of quadrupolar dyes: giant two-photon absorption from biexciton states. *Journal of Physical Chemistry B*, **2006**, 110, 25590-2	3.4	42
91	Polarization and polarizability in extended one-dimensional organic materials. *Chemical Physics*, **2006**, 325, 48-59	2.3	11
90	Electronic and structural instabilities of mixed-stack organic charge-transfer salts. *Synthetic Metals*, **2005**, 155, 357-364	3.6	4
89	Collective and cooperative phenomena in molecular materials: dimers of polar chromophores. *Journal of Luminescence*, **2005**, 112, 474-478	3.8	17
88	Chiral interactions in azobenzene dimers: a combined experimental and theoretical study. *Chemistry - A European Journal*, **2005**, 11, 6053-63	4.8	69
87	Charge instabilities in molecular materials: cooperative behavior from electrostatic interactions **2005**, 129-141		
86	Static polarizability of molecular materials: Environmental and vibrational contributions. *Journal of Computational Methods in Sciences and Engineering*, **2004**, 4, 703-720	0.3	1
85	Dielectric response of modified Hubbard models with neutral-ionic and Peierls transitions. *Journal of Chemical Physics*, **2004**, 120, 6712-20	3.9	49
84	Polarization in organic molecular crystals and charge-transfer salts. *Journal of Luminescence*, **2004**, 110, 332-341	3.8	28
83	From Solution to LangmuirBlodgett Films:Spectroscopic Study of a Zwitterionic Dye. *Journal of Physical Chemistry B*, **2004**, 108, 10743-10750	3.4	34

82	Charge fluctuations and electron–phonon coupling in organic charge-transfer salts with neutral–ionic and Peierls transitions. *Synthetic Metals*, **2004**, 141, 129-138	3.6	46
81	Along the way from molecules to devices. *Synthetic Metals*, **2004**, 147, 111-115	3.6	5
80	Charge transfer processes and environmental degrees of freedom: cooperativity and non-linearity. *Macromolecular Symposia*, **2004**, 212, 123-130	0.8	
79	Time-resolved spectra of polar–polarizable chromophores in solution. *Chemical Physics*, **2003**, 295, 35-46	2.3	16
78	Cooperative and non-linear phenomena at the neutral–ionic phase transition. *Synthetic Metals*, **2003**, 133-134, 619-621	3.6	10
77	Excitonic and ultraexcitonic effects in supramolecular architectures of polar and polarizable chromophores. *Synthetic Metals*, **2003**, 139, 779-781	3.6	2
76	Multielectron transfer in clusters of polar-polarizable chromophores. *Journal of the American Chemical Society*, **2003**, 125, 5624-5	16.4	43
75	Supramolecular interactions in clusters of polar and polarizable molecules. *Physical Review B*, **2003**, 68,	3.3	63
74	Static nonlinear optical susceptibilities: Testing approximation schemes against exact results. *Journal of Chemical Physics*, **2002**, 116, 755-761	3.9	26
73	Giant infrared intensity of the Peierls mode at the neutral-ionic phase transition. *Physical Review Letters*, **2002**, 89, 027402	7.4	47
72	Polar Dyes in Solution: A Joint Experimental and Theoretical Study of Absorption and Emission Band Shapes. *Journal of Physical Chemistry A*, **2002**, 106, 6286-6294	2.8	114
71	Delocalized Electrons as a Source of Non-Linearity: Electron-Phonon Coupling and Environmental Effects Beyond Perturbation Theory **2002**, 113-124		4
70	Anharmonicity and NLO responses: an exact diagonalization study. *Chemical Physics Letters*, **2001**, 338, 208-216	2.5	14
69	Vibronic contributions to resonant NLO responses: two-photon absorption in push–pull chromophores. *Chemical Physics Letters*, **2001**, 346, 470-478	2.5	38
68	Symmetrized mean-field description of magnetic instabilities in (BEDT–TTF)2Cu[N(CN)]2Y salts. *Physical Review B*, **2001**, 64,	3.3	8
67	Symmetry crossover and excitation thresholds at the neutral-ionic transition of the modified Hubbard model. *Physical Review B*, **2001**, 63,	3.3	47
66	Electronic defects and conjugation length in mesoscopic systems. *Synthetic Metals*, **2001**, 116, 259-262	3.6	6
65	Push–pull chromophores: NLO responses, solvatochromism and vibrational spectra in a simple non-perturbative model. *Synthetic Metals*, **2001**, 116, 135-138	3.6	11

64	Understanding non‐linearity: a simple model for push‐pull chromophores. *Synthetic Metals*, **2001**, 121, 1465-1466	3.6	7
63	Linear and non-linear optical properties of push‐pull chromophores: vibronic and solvation effects beyond perturbation theory. *Synthetic Metals*, **2001**, 124, 171-173	3.6	22
62	Solvent and vibrational effects on linear and non-linear spectral properties of push‐pull chromophores. *Synthetic Metals*, **2000**, 109, 229-233	3.6	10
61	Solvation Effects and Inhomogeneous Broadening in Optical Spectra of Phenol Blue. *Journal of Physical Chemistry A*, **2000**, 104, 11049-11054	2.8	55
60	Optical Spectra of Push‐Pull Chromophores in Solution: A Simple Model. *Journal of Physical Chemistry A*, **2000**, 104, 11041-11048	2.8	75
59	Polyacetylene oligomers: -electron fluctuations, vibrational intensities, and soliton confinement. *Physical Review B*, **1999**, 60, 8129-8137	3.3	7
58	Amplification of NLO responses: vibronic and solvent effects in push‐pull polyenes. *Chemical Physics*, **1999**, 245, 185-197	2.3	70
57	A non-perturbative approach to solvatochromic shifts of push‐pull chromophores. *Chemical Physics Letters*, **1999**, 312, 211-220	2.5	69
56	The -(BEDT-TTF)2Cu[N(CN)]2X family: A mean field view. *Synthetic Metals*, **1999**, 103, 1993-1994	3.6	1
55	-Phase organic superconductors: the dimer model. *Synthetic Metals*, **1999**, 103, 1995	3.6	
54	Short Polymer Chains: Geometry and Vibrations. *Synthetic Metals*, **1999**, 101, 321-322	3.6	
53	Large vibronic contributions to nlo properties of conjugated systems. *Synthetic Metals*, **1999**, 101, 218-221	3.6	7
52	Vibronic contribution to static NLO properties: exact results for the DA dimer. *Chemical Physics Letters*, **1998**, 285, 352-358	2.5	97
51	The dimer model for -phase organic superconductors. *Europhysics Letters*, **1998**, 42, 467-472	1.6	20
50	Infrared intensity and local vibrations of charged solitons. *Physical Review B*, **1997**, 56, 15100-15108	3.3	6
49	Ab initio estimate of Hubbard model parameters:mA simple procedure appliedto BEDT-TTF salts. *Physical Review B*, **1997**, 55, 16088-16095	3.3	43
48	On the ab initio evaluation of Hubbard parameters. II. The -(BEDT-TTF)2Cu[N(CN)2]Br crystal. *Journal of Chemical Physics*, **1997**, 106, 8051-8058	3.9	30
47	On the ab initio evaluation of Hubbard parameters. I. The analytical approach in the absence of orbital relaxation. *Journal of Chemical Physics*, **1997**, 106, 8041-8050	3.9	14

46	Vibrational spectra of pristine, photoexcited and doped polyacetylene: towards a microscopic model. *Synthetic Metals*, **1997**, 85, 1079-1080	3.6	
45	BEDT-TTF salts: microscopic parameters from ab-initio calculations. *Synthetic Metals*, **1997**, 85, 1631-1633	3.6	2
44	Exact numerical diagonalization of one-dimensional interacting electrons non-adiabatically coupled to phonons. *Europhysics Letters*, **1996**, 34, 127-132	1.6	21
43	Reference force field and charge-density-wave amplitude of mixed-valence halogen-bridged Pt complexes. *Physical Review B*, **1995**, 51, 17338-17347	3.3	2
42	Interacting electrons and non-adiabatic holstein phonons: The numerical treatment of the neutral-ionic phase transition. *Synthetic Metals*, **1995**, 70, 1029-1030	3.6	1
41	Towards a Unified View of Electron-Phonon Coupling in 1D Solids. *Acta Physica Polonica A*, **1995**, 87, 735-742	0.6	7
40	□electron force field in internal coordinates for trans- and cis-polyacetylene. *Chemical Physics*, **1994**, 184, 139-148	2.3	18
39	The orbital relaxation: A possible origin of t - J model with large J. *Solid State Communications*, **1994**, 89, 771-773	1.6	3
38	Pariser□Parr□Pople force field for □electrons: Raman and infrared shifts of trans-polyacetylene. *Journal of Chemical Physics*, **1994**, 100, 7144-7152	3.9	21
37	Delocalization Contributions to Polyacetylene Force Fields. *Molecular Crystals and Liquid Crystals*, **1994**, 256, 711-719		4
36	Electron-electron and electron-phonon interactions in 1D half-filled chains: phase diagram. *Synthetic Metals*, **1993**, 57, 4543-4548	3.6	1
35	Electron□phonon coupling in conjugated polymers: Reference force field and transferable coupling constants for polyacetylene. *Journal of Chemical Physics*, **1993**, 98, 7459-7465	3.9	45
34	Electron-phonon coupling in trans-polyacetylene: a semiempirical approach. *Synthetic Metals*, **1993**, 57, 4549-4555	3.6	2
33	Pressure dependence of the site-CDW amplitude in MX chains and the role of electron-phonon coupling. *Synthetic Metals*, **1993**, 56, 3407-3412	3.6	4
32	Electron-Phonon Vs. Electron-Electron Interactions in Low Dimensional Solids. *Molecular Crystals and Liquid Crystals*, **1993**, 234, 145-154		3
31	Valence-bond analysis of half-filled dimerized Hubbard chains. *Physical Review B*, **1993**, 48, 10683-10691	3.3	3
30	Ground state optical properties of charge transfer crystals close to the neutral-ionic interface: Tetrathiafulvalene-2,5-dichloro-p-benzoquinone. *Journal of Chemical Physics*, **1993**, 98, 7692-7698	3.9	20
29	Interacting electrons in the solid state: the role of orbital relaxation. *Chemical Physics Letters*, **1993**, 214, 402-408	2.5	10

28	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	3.3	11
27	Infrared and Raman modes of polyacetylene and its isotopes: transferable coupling constants. *Chemical Physics Letters*, **1992**, 198, 9-14	2.5	9
26	Halogen-bridged mixed-valence complexes as paradigms of strongly interacting low-dimensional systems: Ground state. *Synthetic Metals*, **1991**, 42, 2721-2726	3.6	7
25	Phonon quantum fluctuations at the neutral-ionic transition Application of a new exact numerical technique for finite clusters. *Synthetic Metals*, **1991**, 43, 3619-3622	3.6	3
24	Beyond the Hubbard Model: Screened Interactions in 1D. *NATO ASI Series Series B: Physics*, **1990**, 441-446		
23	Electron correlations in one dimension: The Hubbard model. *Physical Review B*, **1989**, 39, 2830-2833	3.3	18
22	Halogen-bridged mixed valence Pt complexes: Comparison with mixed and segregated stack charge-transfer crystals. *Synthetic Metals*, **1989**, 29, 181-188	3.6	16
21	Electron-phonon coupling in mixed-valence compounds: mode mixing and coupling constants. *The Journal of Physical Chemistry*, **1989**, 93, 8385-8386		2
20	Instabilities in Half-Filled One-Dimensional Systems: Valence Bond Analysis. *NATO ASI Series Series B: Physics*, **1989**, 189-200		
19	The Hubbard Model for One-Dimensional Solids. *NATO ASI Series Series B: Physics*, **1989**, 165-170		1
18	Hubbard models and their applicability in solid state and molecular physics. *Solid State Communications*, **1988**, 66, 273-275	1.6	18
17	Interacting electrons in 1D: Applicability of Hubbard models. *Synthetic Metals*, **1988**, 27, A15-A20	3.6	21
16	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	3.6	4
15	TMPDTA revisited: Ionicity, stack dimerization, and phase transition of a key mixed stack charge transfer crystal. *Journal of Chemical Physics*, **1988**, 89, 494-503	3.9	9
14	Zero-temperature phase diagram of mixed-stack charge-transfer crystals. *Physical Review B*, **1988**, 37, 5748-5760	3.3	75
13	Comment on: The instabilities of mixed stack organic charge transfer crystals. *Journal of Chemical Physics*, **1988**, 89, 616-617	3.9	
12	Phase diagram and optical properties of mixed stack organic charge-transfer crystals. *Synthetic Metals*, **1987**, 19, 509-514	3.6	9
11	Mixed regular stack charge transfer crystals: Fundamental microscopic parameters from optical spectra. *Journal of Chemical Physics*, **1987**, 87, 1705-1711	3.9	44

10	IR excitation spectra of low dimensional CT crystals: Multidimensional linear response theory approach. *Solid State Communications*, **1987**, 63, 1087-1092	1.6	5
9	CS2 TCNQ3 Revisited: A Detailed Description of its Ground State Through a Reinterpretation of the Optical Spectra. *Molecular Crystals and Liquid Crystals*, **1986**, 134, 1-19		28
8	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		6
7	Regular-dimerized stack and neutral-ionic interfaces in mixed-stack organic charge-transfer crystals. *Physical Review B*, **1986**, 34, 2131-2139	3.3	58
6	Electron□molecular vibration (e□hv) coupling in charge-transfer compounds and its consequences on the optical spectra: A theoretical framework. *Journal of Chemical Physics*, **1986**, 84, 5655-5671	3.9	181
5	REGULAR-DIMERIZED STACK vs NEUTRAL-IONIC INSTABILITY IN MIXED STACK CT CRYSTALS **1986**, 559-561		
4	Electron-Intramolecular Phonon Coupling in regular and Dimerized Mixed Stack Organic Semiconductors. *Molecular Crystals and Liquid Crystals*, **1985**, 120, 17-26		35
3	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		27
2	Accurate electron-molecular vibration coupling constants from powders optical spectra: TCNQ and TTF. *Solid State Communications*, **1984**, 52, 801-806	1.6	57
1	VIBRATIONAL SPECTROSCOPY OF MIXED STACK ORGANIC SEMICONDUCTORS: COMPARISON WITH SEGREGATED STACK SYSTEMS. *Journal De Physique Colloque*, **1983**, 44, C3-1547-C3-1550		8