

# Aldo Brillante

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156  
papers

3,217  
citations

30  
h-index

49  
g-index

160  
ext. papers

3,440  
ext. citations

3.9  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
156	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> , <b>2021</b> , 125, 7384-7391	3.8	3
155	Growth, morphology and molecular orientation of controlled Indigo thin films on silica surfaces. <i>Surfaces and Interfaces</i> , <b>2021</b> , 24, 101058	4.1	4
154	The impact of solid solution composition on kinetics and mechanism of [2 + 2] photodimerization of cinnamic acid derivatives. <i>CrystEngComm</i> , <b>2021</b> , 23, 1352-1359	3.3	0
153	Terahertz Raman scattering as a probe for electron-phonon coupling, disorder and correlation length in molecular materials. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10677-10688	7.1	0
152	(Perylene)3-(TCNQF1)2: Yet Another Member in the Series of Perylene-TCNQFx Polymorphic Charge Transfer Crystals. <i>Crystals</i> , <b>2020</b> , 10, 177	2.3	3
151	Experimental Estimate of the Holstein Electron-Phonon Coupling Constants in Perylene. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000208	6.4	4
150	In Search of Surface-Induced Crystal Structures: The Case of Tyrian Purple. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 17702-17710	3.8	3
149	Crystal alignment of surface stabilized polymorph in thioindigo films. <i>Dyes and Pigments</i> , <b>2020</b> , 172, 107847	4.7	7
148	Spectroscopic identification of quinacridone polymorphs for organic electronics. <i>CrystEngComm</i> , <b>2019</b> , 21, 3702-3708	3.3	10
147	Solution equilibrium between two structures of Perylene-F2TCNQ charge transfer co-crystals. <i>Journal of Crystal Growth</i> , <b>2019</b> , 516, 45-50	1.6	6
146	Commenting on the photoreactions of anthracene derivatives in the solid state. <i>CrystEngComm</i> , <b>2019</b> , 21, 3127-3136	3.3	11
145	New Polymorphs of Perylene:Tetracyanoquinodimethane Charge Transfer Cocrystals. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2003-2009	3.5	33
144	Substrate-Induced Phase of a Benzothiophene Derivative Detected by Mid-Infrared and Lattice Phonon Raman Spectroscopy. <i>ChemPhysChem</i> , <b>2018</b> , 19, 993-1000	3.2	4
143	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> , <b>2018</b> , 20, 3630-3636	3.6	6
142	Simulated Raman spectra of four tetraphenylbutadiene polymorphs. <i>International Journal of Quantum Chemistry</i> , <b>2018</b> , 118, e25503	2.1	2
141	An Alternative Strategy to Polymorph Recognition at Work: The Emblematic Case of Coronene. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4869-4873	3.5	13
140	Structural, Spectroscopic, and Computational Characterization of the Concomitant Polymorphs of the Natural Semiconductor Indigo. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 18422-18431	3.8	14

139	Bulk and Surface-Stabilized Structures of Paracetamol Revisited by Raman Confocal Microscopy. <i>ACS Omega</i> , <b>2018</b> , 3, 9564-9571	3.9	7
138	Photoluminescence as a probe of molecular organization in PDI8-CN2 ultra-thin films. <i>Journal of Luminescence</i> , <b>2017</b> , 187, 403-409	3.8	6
137	Crystal Structure of the 9-Anthracene Carboxylic Acid Photochemical Dimer and Its Solvates by X-ray Diffraction and Raman Microscopy. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3361-3370	3.5	6
136	Fast identification of rubrene polymorphs by lattice phonon Raman microscopy. <i>Solid State Sciences</i> , <b>2017</b> , 71, 146-151	3.4	13
135	Solid-state photodimerization of 9-methyl-anthracene. <i>Journal of Raman Spectroscopy</i> , <b>2017</b> , 48, 271-277	3.3	7
134	Two New Polymorphs of the Organic Semiconductor 9,10-Diphenylanthracene: Raman and X-ray Analysis. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 1831-1840	3.8	26
133	Raman Identification of Polymorphs in Pentacene Films. <i>Crystals</i> , <b>2016</b> , 6, 41	2.3	16
132	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-Fx. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 3028-3036	3.5	77
131	Nonlinear oscillations of compact stars in the vicinity of the maximum mass configuration. <i>Europhysics Letters</i> , <b>2015</b> , 111, 29001	1.6	1
130	Polymorphism in Crystalline Microfibers of Achiral Octithiophene: The Effect on Charge Transport, Supramolecular Chirality and Optical Properties. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4943-4951	15.6	19
129	Radial oscillations of neutral and charged hybrid stars. <i>Europhysics Letters</i> , <b>2014</b> , 105, 39001	1.6	26
128	Micro Raman Investigation of the Photodimerization Reaction of 9-Cyanoanthracene in the Solid State. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 9628-9635	3.8	16
127	Exploration of the polymorph landscape for 1,1,4,4-tetraphenyl-1,3-butadiene. <i>CrystEngComm</i> , <b>2014</b> , 16, 8205-8213	3.3	8
126	Cf/C composites: correlation between CVI process parameters and Pyrolytic Carbon microstructure. <i>Frattura Ed Integrita Strutturale</i> , <b>2014</b> , 8, 68-74	0.9	
125	Raman investigation of polymorphism in 1,1,4,4-tetraphenyl-butadiene. <i>Journal of Raman Spectroscopy</i> , <b>2013</b> , 44, 905-908	2.3	10
124	Phase recognition by lattice phonon Raman spectra: The triclinic structure of the organic semiconductor dibenzo-tetrathiafulvalene. <i>Chemical Physics Letters</i> , <b>2012</b> , 523, 74-77	2.5	9
123	Structure and Morphology of PDI8-CN2 for n-Type Thin-Film Transistors. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 943-953	15.6	43
122	Crystal-to-crystal photoinduced reaction of dinitroanthracene to anthraquinone. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17671-9	16.4	15

121	Organic metal/organic semiconductor blended contacts in single crystal field-effect transistors. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 16011		13
120	Phonon dynamics and electron-phonon coupling in pristine picene. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 1694-9	3.6	18
119	Epitaxial growth of stacked perfluoropentacene on graphene-coated quartz. <i>ACS Nano</i> , <b>2012</b> , 6, 10874-88.7		96
118	Structure and dynamics of pentacene on SiO <sub>2</sub> : From monolayer to bulk structure. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	35
117	A novel industrial thin film deposition technology for sustainable CdTe photovoltaics. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1447, 91		
116	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 12150-12157	3.8	22
115	Interaction of charge carriers with lattice and molecular phonons in crystalline pentacene. <i>Journal of Chemical Physics</i> , <b>2011</b> , 135, 084701	3.9	38
114	Characterization of Deposited Films and the Electron Beam Generated in the Pulsed Plasma Deposition Gun. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 08JD03	1.4	8
113	Spectroscopic and Structural Characterization of Two Polymorphs of 1,1,4,4-Tetraphenyl-1,3-butadiene. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2752-2758	3.5	19
112	DFT Investigation of Oligothiophenes on a Si(001) Surface. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 20068-20075	3.8	6
111	Peierls and Holstein carrier-phonon coupling in crystalline rubrene. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	104
110	High-performance single crystal organic field-effect transistors based on two dithiophene-tetrathiafulvalene (DT-TTF) polymorphs. <i>Advanced Materials</i> , <b>2010</b> , 22, 4198-203	24	96
109	Polymorphism and phonon dynamics of alpha-quaterthiophene. <i>ChemPhysChem</i> , <b>2009</b> , 10, 657-63	3.2	18
108	Molecular dynamics simulations for a pentacene monolayer on amorphous silica. <i>ChemPhysChem</i> , <b>2009</b> , 10, 1783-8	3.2	29
107	The four polymorphic modifications of the semiconductor dibenzo-tetrathiafulvalene. <i>CrystEngComm</i> , <b>2008</b> , 10, 1899	3.3	54
106	Probing polymorphs of organic semiconductors by lattice phonon Raman microscopy. <i>CrystEngComm</i> , <b>2008</b> , 10, 937	3.3	96
105	Are crystal polymorphs predictable? The case of sexithiophene. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 6715-22	2.8	15
104	Polarized Raman Spectra of a Rubrene Single Crystal. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 17416-17422	3.2	40

103	Do computed crystal structures of nonpolar molecules depend on the electrostatic interactions? The case of tetracene. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 1085-9	2.8	10
102	Direct evidence of overdamped Peierls-coupled modes in the temperature-induced phase transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	23
101	Effects of oxidation on surface stresses and mechanical properties of liquid phase pressureless-sintered SiC/AlN/SiO <sub>2</sub> ceramics. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2008</b> , 486, 381-388	5.3	12
100	Field effect transistors with organic semiconductor layers assembled from aqueous colloidal nanocomposites. <i>Langmuir</i> , <b>2007</b> , 23, 2030-6	4	14
99	Confocal Raman Spectroscopy of Hexithiophene: From Bulk Crystals to Field-Effect Transistors. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 3119-3127	15.6	26
98	Intermediate regime in pressure-induced neutral-ionic transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	20
97	Lattice dynamics of TTFCA across the neutral-ionic transition. <i>Chemical Physics</i> , <b>2006</b> , 325, 71-77	2.3	19
96	Inherent structures of crystalline tetracene. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 10858-62	2.8	20
95	Polymorphs of Hexithiophene probed by lattice phonon Raman microscopy. <i>Chemical Physics</i> , <b>2006</b> , 328, 125-131	2.3	25
94	High-pressure dissociation of crystalline para-diiodobenzene: optical experiments and Car-Parrinello calculations. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 3038-43	16.4	16
93	Characterization of Phase Purity in Organic Semiconductors by Lattice-Phonon Confocal Raman Mapping: Application to Pentacene. <i>Advanced Materials</i> , <b>2005</b> , 17, 2549-2553	24	64
92	Effect of the composition and sintering process on mechanical properties and residual stresses in zirconia/Alumina composites. <i>Journal of the European Ceramic Society</i> , <b>2005</b> , 25, 3383-3392	6	95
91	Organic Semiconductors: Polymorphism, Phonon Dynamics and Carrier-Phonon Coupling in Pentacene. <i>Molecular Crystals and Liquid Crystals</i> , <b>2004</b> , 416, 145-154	0.5	23
90	Exploring the polymorphism of crystalline pentacene. <i>Organic Electronics</i> , <b>2004</b> , 5, 1-6	3.5	32
89	Intramolecular and Low-Frequency Intermolecular Vibrations of Pentacene Polymorphs as a Function of Temperature. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 1822-1826	3.4	43
88	Phonons and structures of tetracene polymorphs at low temperature and high pressure. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	68
87	Lattice dynamics and electron-phonon coupling in pentacene crystal structures. <i>Macromolecular Symposia</i> , <b>2004</b> , 212, 375-380	0.8	9
86	Pressure-induced phase transition in pentacene. <i>Chemical Physics Letters</i> , <b>2003</b> , 375, 490-494	2.5	50

85	PENTACENE AT HIGH PRESSURE. <i>High Pressure Research</i> , <b>2003</b> , 23, 349-354	1.6	17
84	Temperature and pressure studies of the continuous neutral-ionic borderline in ClMePDDMeDCNQI. <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 629-631	3.6	1
83	Inherent structures of crystalline pentacene. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 807-815	3.9	57
82	Temperature evolution of pentacene crystal structure and phonon dynamics. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 725, 1		7
81	Raman phonon spectra of pentacene polymorphs. <i>Chemical Physics Letters</i> , <b>2002</b> , 357, 32-36	2.5	72
80	BEDT-TTF organic superconductors: The role of phonons. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	28
79	The Effect of Pressure on Vibrational Spectra of the Chiral Coordination Compound Ni[(R,R)bdtp] 2. <i>High Pressure Research</i> , <b>2002</b> , 22, 99-103	1.6	
78	Neutral to Ionic Pressure-Induced Phase Transition in the Mixed Stack Charge-Transfer Crystal ClMePD-DMeDCNQI. <i>High Pressure Research</i> , <b>2002</b> , 22, 95-98	1.6	
77	Probing pentacene polymorphs by lattice dynamics calculations. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 2128-9	16.4	53
76	Coupling between lattice and intramolecular modes in 9,10-dimethylantracene: Raman spectra under pressure and quasi-harmonic lattice dynamics calculations. <i>Chemical Physics</i> , <b>2001</b> , 273, 197-206	2.3	5
75	Pressure-driven neutral-ionic transition in ClMePD-DMeDCNQI. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	20
74	Temperature dependence of structure and phonons of $\beta$ and $\beta'$ TTF crystals. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 4170-4175	3.6	4
73	A new type of neutral-ionic interface in mixed stack organic charge transfer crystals: Temperature induced ionicity change in ClMePDDMeDCNQI. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 1904-1910	3.6	18
72	Raman phonon spectra and lattice dynamics of 9,10-dinitroanthracene under pressure. <i>High Pressure Research</i> , <b>2000</b> , 18, 233-238	1.6	1
71	Coupling between intramolecular and lattice vibrations in solid para-diiodobenzene. <i>Chemical Physics Letters</i> , <b>2000</b> , 325, 599-604	2.5	5
70	Pressure and temperature effects in lattice dynamics: 1,4-dibromonaphthalene. <i>Chemical Physics</i> , <b>2000</b> , 262, 437-444	2.3	1
69	The effect of pressure on CD spectra of the chiral octahedral transition metal complexes $[\beta]$ and $[\beta']$ $[\text{Cr}[(+)(S)(S)\text{Mebdtp}]_3]$ . <i>High Pressure Research</i> , <b>2000</b> , 18, 285-289	1.6	2
68	Lattice dynamics and electron-phonon coupling in the $(\beta\text{-BEDT-TTF})_2\text{I}_3$ organic superconductor. <i>Physical Review B</i> , <b>2000</b> , 62, 14476-14486	3.3	33

67	Electron-phonon coupling in BEDT-TTF (ET) superconductors. <i>Synthetic Metals</i> , <b>2000</b> , 109, 13-17	3.6	6
66	High-Pressure Raman Spectra of p-Diiodobenzene. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 11070-11074	3.6	1
65	Structure and phonons of $\sqrt{2}\sqrt{2}$ (ET) <sub>2</sub> I <sub>3</sub> crystals. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 265, 195-198	2.8	6
64	Pressure-induced phase transitions in quasi-one-dimensional anthracene derivatives. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 265, 199-202	2.8	6
63	The effect of pressure on circular dichroism spectra of a chiral helicoidal chromium complex. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 265, 203-207	2.8	5
62	Lattice dynamics and e-ph coupling in BEDT-TTF superconductors. <i>Synthetic Metals</i> , <b>1999</b> , 103, 2083	3.6	
61	Dielectric studies on conjugated polymers. <i>Synthetic Metals</i> , <b>1999</b> , 101, 467-468	3.6	3
60	Effect of pressure on lattice modes and electronic excitations of 9,10-diiodoanthracene crystals. <i>Journal of Chemical Physics</i> , <b>1997</b> , 107, 4628-4634	3.9	14
59	Intermolecular phonons in BEDT-TTF crystals. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1561-1562	3.6	2
58	Lattice phonons in neutral BEDT-TTF crystal. <i>Chemical Physics Letters</i> , <b>1997</b> , 274, 478-484	2.5	7
57	Quasi harmonic lattice dynamics: the phase diagram of benzene. <i>Chemical Physics</i> , <b>1996</b> , 202, 231-241	2.3	32
56	Pressure and temperature effects in lattice dynamics: the case of naphthalene. <i>Chemical Physics</i> , <b>1995</b> , 198, 79-89	2.3	30
55	Raman phonon spectra and lattice dynamics of 7-methoxycoumarin under pressure. <i>Chemical Physics Letters</i> , <b>1995</b> , 246, 619-625	2.5	0
54	Pressure-induced phase transitions in 9,10-anthracene derivatives: anthraquinone. <i>Chemical Physics</i> , <b>1995</b> , 191, 177-184	2.3	21
53	Lattice dynamics of halogenated anthracene derivatives under pressure. <i>Journal of Chemical Physics</i> , <b>1994</b> , 100, 7640-7647	3.9	14
52	The effect of pressure on the photodimerization of 7-methoxycoumarin crystal. <i>Chemical Physics Letters</i> , <b>1994</b> , 218, 568-573	2.5	4
51	Pressure dependence of the site-CDW amplitude in MX chains and the role of electron-phonon coupling. <i>Synthetic Metals</i> , <b>1993</b> , 56, 3407-3412	3.6	4
50	Pressure-driven neutral-ionic phase transition in tetrathiafulvalene-2,5-dichloro-p-benzoquinone: Example of continuous ionicity change. <i>Physical Review B</i> , <b>1992</b> , 45, 7026-7030	3.3	10

- 49 Stability under pressure of excimers of anthracene derivatives. *Journal of Luminescence*, **1992**, 53, 110-113 4
- 48 High pressure Raman spectra of trigonal and tetrahedral mercury(II) halide complexes: [(CH<sub>3</sub>)<sub>3</sub>3S][HgCl<sub>3</sub>]. *Journal of Molecular Structure*, **1990**, 219, 117-122 3-4
- 47 Spectroscopic study of polyparaphenylene under pressure. *Synthetic Metals*, **1989**, 29, 13-16 3.6 2
- 46 9,10-Dibromoanthracene under pressure: Phase transition and reduced excimer stability. *Chemical Physics Letters*, **1988**, 151, 243-246 2.5 9
- 45 Excimer luminescence of anthracene derivatives at high pressure. *Journal of Luminescence*, **1988**, 40-41, 278-279 3.8 8
- 44 Raman studies of the pressure driven neutral to ionic transitions in tetrathiafulvalene-haloquinone mixed stack charge transfer crystals. *Synthetic Metals*, **1988**, 27, 549-556 3.6 9
- 43 High pressure Raman spectra and pressure-induced phase transitions of 9,10-dichloroanthracene. *Journal of Chemical Physics*, **1988**, 89, 3163-3167 3.9 7
- 42 Raman study of the pressure-induced neutral-to-ionic transition in tetrathiafulvalene chloranil. *Physical Review B*, **1988**, 38, 1456-1461 3.3 26
- 41 High pressure optical studies of neutral-ionic phase transitions in organic charge-transfer crystals. *Synthetic Metals*, **1987**, 19, 503-508 3.6 12
- 40 A dynamical model of excimer instability in molecular crystals. *Chemical Physics*, **1987**, 116, 141-149 2.3 6
- 39 Effect of pressure on the luminescence of 9,10-dichloroanthracene crystals. *Chemical Physics Letters*, **1987**, 134, 331-334 2.5 9
- 38 The effect of pressure on the electronic spectra of anthracene derivatives. *Journal of Luminescence*, **1987**, 38, 311-313 3.8 4
- 37 Neutral-ionic interface in mixed stack charge transfer compounds: Pressure induced ionic phase of tetrathiafulvalene-chloranil (TTFCA). *Solid State Communications*, **1986**, 57, 891-896 1.6 35
- 36 Optical studies of polyacetylene under pressure. *Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics*, **1986**, 139-140, 533-536 21
- 35 Excimer luminescence of 9-cyanoanthracene under pressure. *Journal of Molecular Structure*, **1986**, 143, 231-234 3.4
- 34 The effect of pressure on the excimer luminescence of 9-cyanoanthracene. *Chemical Physics Letters*, **1985**, 119, 42-46 2.5 16
- 33 Polyacetylene at High Pressures. *Molecular Crystals and Liquid Crystals*, **1985**, 117, 331-334 13
- 32 Electronic Spectra of Thiazolo[5,4-d]Thiazole. *Molecular Crystals and Liquid Crystals*, **1983**, 100, 263-274 5

31	Exciton-surface plasmon coupling: An experimental investigation. <i>Journal of Chemical Physics</i> , <b>1982</b> , 77, 6289-6295	3.9	146
30	Experimental study of exciton-surface plasmon interactions. <i>Journal of Molecular Structure</i> , <b>1982</b> , 79, 169-172	3.4	7
29	Nonradiative decay of molecular excitation at a metal interface. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1981</b> , 63, 350-357		13
28	Nonradiative decay of excited molecules near a metal surface. <i>Chemical Physics Letters</i> , <b>1980</b> , 69, 499-504	4.5	158
27	Optical surface polariton spectroscopy of organic crystals and monolayer assemblies. <i>Journal of Molecular Structure</i> , <b>1980</b> , 61, 299-304	3.4	2
26	Plasmon surface polariton dispersion by direct optical observation. <i>American Journal of Physics</i> , <b>1980</b> , 48, 669-672	0.7	66
25	Experimental and theoretical study of exciton surface polaritons on organic crystals. II. Highly reflecting faces of CTIP and PTS. <i>Journal of Chemical Physics</i> , <b>1980</b> , 72, 2774-2787	3.9	14
24	Reflection and absorption spectra of singlet charge transfer excitons in anthracene-PMDA crystals. <i>Journal of Chemical Physics</i> , <b>1980</b> , 72, 4019-4030	3.9	54
23	Charge-Transfer Excitons in Organic Solids. <i>Molecular Crystals and Liquid Crystals</i> , <b>1979</b> , 50, 163-174		6
22	Experimental and theoretical study of exciton surface polaritons on organic crystals. I. (010) face of TCNQ single crystals. <i>Journal of Chemical Physics</i> , <b>1979</b> , 70, 5739-5746	3.9	18
21	Exciton transitions in quasi-one-dimensional crystals. 9-Cyanoanthracene. <i>Journal of Chemical Physics</i> , <b>1979</b> , 71, 1050-1057	3.9	7
20	A New Optical Phenomenon: Exciton Surface Polaritons at Room Temperature. <i>Molecular Crystals and Liquid Crystals</i> , <b>1979</b> , 50, 139-162		20
19	Observation of exciton surface polaritons at room temperature. <i>Optics Communications</i> , <b>1978</b> , 27, 91-94	2	18
18	Charge-transfer exciton transitions in anthracene-PMDA crystal. <i>Chemical Physics Letters</i> , <b>1978</b> , 56, 218-220		7
17	Directional dispersion of exciton levels in paranitroaniline. <i>Chemical Physics Letters</i> , <b>1978</b> , 55, 131-135	2.5	7
16	Experimental observation of exciton surface polaritons on a polymerized diacetylene crystal. <i>Chemical Physics Letters</i> , <b>1978</b> , 57, 395-399	2.5	34
15	Optical properties of organic dye monolayers by surface plasmon spectroscopy. <i>Journal of Chemical Physics</i> , <b>1978</b> , 69, 4001-4011	3.9	107
14	The electronic spectra of thieno[3,2,-b]thiophene. <i>Journal of Chemical Physics</i> , <b>1977</b> , 66, 51-58	3.9	6

13	Phonon scattering and exciton linewidths in naphthalene and phenanthrene molecular crystals. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , <b>1977</b> , 73, 1262		3
12	Electronic-excited states of nitroanilines. II. A configuration interaction study and UV spectrum of the paranitroaniline single crystal. <i>Chemical Physics</i> , <b>1977</b> , 25, 333-341	2.3	42
11	A $1B_{2g} \leftarrow 1A_{1g}$ transition in crystalline carbon disulphide. <i>Chemical Physics Letters</i> , <b>1976</b> , 41, 95-99	2.5	4
10	Absorption spectra of crystalline thiophene. <i>Chemical Physics</i> , <b>1976</b> , 12, 297-307	2.3	13
9	Host and guest emission in pentacene-anthracene mixed crystals. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , <b>1975</b> , 71, 1457		18
8	Optical absorption by X-traps in anthracene. <i>Chemical Physics Letters</i> , <b>1975</b> , 31, 215-219	2.5	18
7	Impurity induced phosphorescence in anthracene crystal. <i>Chemical Physics Letters</i> , <b>1975</b> , 30, 5-10	2.5	16
6	The polarized spectrum of benzene-d <sub>6</sub> single crystal at 2000 Å. <i>Molecular Physics</i> , <b>1974</b> , 27, 1109-1111	1.7	
5	Substitutional and surface fluorescence in pentacene-anthracene crystals. <i>Chemical Physics Letters</i> , <b>1974</b> , 29, 17-20	2.5	6
4	The 2000 Å absorption system of the benzene single crystal in polarized light. <i>Molecular Physics</i> , <b>1973</b> , 25, 1263-1271	1.7	17
3	The first $\pi \leftarrow \pi^*$ transition of the benzene single crystal in polarized light. <i>Molecular Physics</i> , <b>1972</b> , 23, 1179-1188		7
2	Intensities in polarized light: near ultraviolet absorption spectrum of 1,2,4,5 tetramethylbenzene. <i>Transactions of the Faraday Society</i> , <b>1971</b> , 67, 913		3
1	Bulk and Surface-Mediated Polymorphs of Bio-Inspired Dyes Organic Semiconductors: The Role of Lattice Phonons in their Investigation. <i>Israel Journal of Chemistry</i> ,	3.4	0