

Aldo Brillante

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156
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160
ext. papers

3,440
ext. citations

3.9
avg, IF

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L-index

#	Paper	IF	Citations
156	Nonradiative decay of excited molecules near a metal surface. <i>Chemical Physics Letters</i> , 1980 , 69, 499-504.	4.5	158
155	Exciton-surface plasmon coupling: An experimental investigation. <i>Journal of Chemical Physics</i> , 1982 , 77, 6289-6295	3.9	146
154	Optical properties of organic dye monolayers by surface plasmon spectroscopy. <i>Journal of Chemical Physics</i> , 1978 , 69, 4001-4011	3.9	107
153	Peierls and Holstein carrier-phonon coupling in crystalline rubrene. <i>Physical Review B</i> , 2010 , 82,	3.3	104
152	Epitaxial growth of stacked perfluoropentacene on graphene-coated quartz. <i>ACS Nano</i> , 2012 , 6, 10874-88.	3.7	96
151	High-performance single crystal organic field-effect transistors based on two dithiophene-tetrathiafulvalene (DT-TTF) polymorphs. <i>Advanced Materials</i> , 2010 , 22, 4198-203	24	96
150	Probing polymorphs of organic semiconductors by lattice phonon Raman microscopy. <i>CrystEngComm</i> , 2008 , 10, 937	3.3	96
149	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> , 2005 , 25, 3383-3392	6	95
148	Structure, Stoichiometry, and Charge Transfer in Cocrystals of Perylene with TCNQ-Fx. <i>Crystal Growth and Design</i> , 2016 , 16, 3028-3036	3.5	77
147	Raman phonon spectra of pentacene polymorphs. <i>Chemical Physics Letters</i> , 2002 , 357, 32-36	2.5	72
146	Phonons and structures of tetracene polymorphs at low temperature and high pressure. <i>Physical Review B</i> , 2004 , 70,	3.3	68
145	Plasmon surface polariton dispersion by direct optical observation. <i>American Journal of Physics</i> , 1980 , 48, 669-672	0.7	66
144	Characterization of Phase Purity in Organic Semiconductors by Lattice-Phonon Confocal Raman Mapping: Application to Pentacene. <i>Advanced Materials</i> , 2005 , 17, 2549-2553	24	64
143	Inherent structures of crystalline pentacene. <i>Journal of Chemical Physics</i> , 2003 , 118, 807-815	3.9	57
142	The four polymorphic modifications of the semiconductor dibenzo-tetrathiafulvalene. <i>CrystEngComm</i> , 2008 , 10, 1899	3.3	54
141	Reflection and absorption spectra of singlet charge transfer excitons in anthracene-BMDA crystals. <i>Journal of Chemical Physics</i> , 1980 , 72, 4019-4030	3.9	54
140	Probing pentacene polymorphs by lattice dynamics calculations. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2128-9	16.4	53

139	Pressure-induced phase transition in pentacene. <i>Chemical Physics Letters</i> , 2003 , 375, 490-494	2.5	50
138	Structure and Morphology of PDI8-CN2 for n-Type Thin-Film Transistors. <i>Advanced Functional Materials</i> , 2012 , 22, 943-953	15.6	43
137	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	3.4	43
136	Electronic-excited states of nitroanilines. II. A configuration interaction study and UV spectrum of the paranitroaniline single crystal. <i>Chemical Physics</i> , 1977 , 25, 333-341	2.3	42
135	Polarized Raman Spectra of a Rubrene Single Crystal. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 17416-17422	3.8	40
134	Interaction of charge carriers with lattice and molecular phonons in crystalline pentacene. <i>Journal of Chemical Physics</i> , 2011 , 135, 084701	3.9	38
133	Structure and dynamics of pentacene on SiO ₂ : From monolayer to bulk structure. <i>Physical Review B</i> , 2012 , 85,	3.3	35
132	Neutral-ionic interface in mixed stack charge transfer compounds: Pressure induced ionic phase of tetrathiafulvalene-chloranil (TTFCA). <i>Solid State Communications</i> , 1986 , 57, 891-896	1.6	35
131	Experimental observation of exciton surface polaritons on a polymerized diacetylene crystal. <i>Chemical Physics Letters</i> , 1978 , 57, 395-399	2.5	34
130	New Polymorphs of Perylene:Tetracyanoquinodimethane Charge Transfer Cocrystals. <i>Crystal Growth and Design</i> , 2018 , 18, 2003-2009	3.5	33
129	Lattice dynamics and electron-phonon coupling in the (BEDT-TTF) ₂ I ₃ organic superconductor. <i>Physical Review B</i> , 2000 , 62, 14476-14486	3.3	33
128	Exploring the polymorphism of crystalline pentacene. <i>Organic Electronics</i> , 2004 , 5, 1-6	3.5	32
127	Quasi harmonic lattice dynamics: the phase diagram of benzene. <i>Chemical Physics</i> , 1996 , 202, 231-241	2.3	32
126	Pressure and temperature effects in lattice dynamics: the case of naphthalene. <i>Chemical Physics</i> , 1995 , 198, 79-89	2.3	30
125	Molecular dynamics simulations for a pentacene monolayer on amorphous silica. <i>ChemPhysChem</i> , 2009 , 10, 1783-8	3.2	29
124	BEDT-TTF organic superconductors: The role of phonons. <i>Physical Review B</i> , 2002 , 66,	3.3	28
123	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	3.8	26
122	Radial oscillations of neutral and charged hybrid stars. <i>Europhysics Letters</i> , 2014 , 105, 39001	1.6	26

121	Confocal Raman Spectroscopy of Hexithiophene: From Bulk Crystals to Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2007 , 17, 3119-3127	15.6	26
120	Raman study of the pressure-induced neutral-to-ionic transition in tetrathiafulvalene chloranil. <i>Physical Review B</i> , 1988 , 38, 1456-1461	3.3	26
119	Polymorphs of Hexithiophene probed by lattice phonon Raman microscopy. <i>Chemical Physics</i> , 2006 , 328, 125-131	2.3	25
118	Direct evidence of overdamped Peierls-coupled modes in the temperature-induced phase transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , 2008 , 78,	3.3	23
117	Organic Semiconductors: Polymorphism, Phonon Dynamics and Carrier-Phonon Coupling in Pentacene. <i>Molecular Crystals and Liquid Crystals</i> , 2004 , 416, 145-154	0.5	23
116	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 12150-12157	3.8	22
115	Pressure-induced phase transitions in 9,10-anthracene derivatives: anthraquinone. <i>Chemical Physics</i> , 1995 , 191, 177-184	2.3	21
114	Optical studies of polyacetylene under pressure. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986 , 139-140, 533-536		21
113	Intermediate regime in pressure-induced neutral-ionic transition in tetrathiafulvalene-chloranil. <i>Physical Review B</i> , 2007 , 76,	3.3	20
112	Inherent structures of crystalline tetracene. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 10858-62	2.8	20
111	Pressure-driven neutral-ionic transition in ClMePD-DMeDCNQI. <i>Physical Review B</i> , 2001 , 64,	3.3	20
110	A New Optical Phenomenon: Exciton Surface Polaritons at Room Temperature. <i>Molecular Crystals and Liquid Crystals</i> , 1979 , 50, 139-162		20
109	Polymorphism in Crystalline Microfibers of Achiral Octithiophene: The Effect on Charge Transport, Supramolecular Chirality and Optical Properties. <i>Advanced Functional Materials</i> , 2014 , 24, 4943-4951	15.6	19
108	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	3.5	19
107	Lattice dynamics of TTFCA across the neutral-ionic transition. <i>Chemical Physics</i> , 2006 , 325, 71-77	2.3	19
106	Phonon dynamics and electron-phonon coupling in pristine picene. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 1694-9	3.6	18
105	Polymorphism and phonon dynamics of alpha-quaterthiophene. <i>ChemPhysChem</i> , 2009 , 10, 657-63	3.2	18
104	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> , 2001 , 3, 1904-1910	3.6	18

103	Host and guest emission in pentacene-anthracene mixed crystals. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1975 , 71, 1457		18
102	Optical absorption by X-traps in anthracene. <i>Chemical Physics Letters</i> , 1975 , 31, 215-219	2.5	18
101	Observation of exciton surface polaritons at room temperature. <i>Optics Communications</i> , 1978 , 27, 91-94		18
100	Experimental and theoretical study of exciton surface polaritons on organic crystals. I. (010) face of TCNQ single crystals. <i>Journal of Chemical Physics</i> , 1979 , 70, 5739-5746	3.9	18
99	PENTACENE AT HIGH PRESSURE. <i>High Pressure Research</i> , 2003 , 23, 349-354	1.6	17
98	The 2000 Å absorption system of the benzene single crystal in polarized light. <i>Molecular Physics</i> , 1973 , 25, 1263-1271	1.7	17
97	Micro Raman Investigation of the Photodimerization Reaction of 9-Cyanoanthracene in the Solid State. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 9628-9635	3.8	16
96	High-pressure dissociation of crystalline para-diiodobenzene: optical experiments and Car-Parrinello calculations. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3038-43	16.4	16
95	The effect of pressure on the excimer luminescence of 9-cyanoanthracene. <i>Chemical Physics Letters</i> , 1985 , 119, 42-46	2.5	16
94	Impurity induced phosphorescence in anthracene crystal. <i>Chemical Physics Letters</i> , 1975 , 30, 5-10	2.5	16
93	Raman Identification of Polymorphs in Pentacene Films. <i>Crystals</i> , 2016 , 6, 41	2.3	16
92	Crystal-to-crystal photoinduced reaction of dinitroanthracene to anthraquinone. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17671-9	16.4	15
91	Are crystal polymorphs predictable? The case of sexithiophene. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 6715-22	2.8	15
90	Structural, Spectroscopic, and Computational Characterization of the Concomitant Polymorphs of the Natural Semiconductor Indigo. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 18422-18431	3.8	14
89	Effect of pressure on lattice modes and electronic excitations of 9,10-diiodoanthracene crystals. <i>Journal of Chemical Physics</i> , 1997 , 107, 4628-4634	3.9	14
88	Field effect transistors with organic semiconductor layers assembled from aqueous colloidal nanocomposites. <i>Langmuir</i> , 2007 , 23, 2030-6	4	14
87	Lattice dynamics of halogenated anthracene derivatives under pressure. <i>Journal of Chemical Physics</i> , 1994 , 100, 7640-7647	3.9	14
86	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> , 1980 , 72, 2774-2787	3.9	14

85	An Alternative Strategy to Polymorph Recognition at Work: The Emblematic Case of Coronene. <i>Crystal Growth and Design</i> , 2018 , 18, 4869-4873	3.5	13
84	Fast identification of rubrene polymorphs by lattice phonon Raman microscopy. <i>Solid State Sciences</i> , 2017 , 71, 146-151	3.4	13
83	Organic metal-organic semiconductor blended contacts in single crystal field-effect transistors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16011		13
82	Polyacetylene at High Pressures. <i>Molecular Crystals and Liquid Crystals</i> , 1985 , 117, 331-334		13
81	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> , 1981 , 63, 350-357		13
80	Absorption spectra of crystalline thiophthene. <i>Chemical Physics</i> , 1976 , 12, 297-307	2.3	13
79	Effects of oxidation on surface stresses and mechanical properties of liquid phase pressureless-sintered SiC/AlN/2O3 ceramics. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 486, 381-388	5.3	12
78	High pressure optical studies of neutral-ionic phase transitions in organic charge-transfer crystals. <i>Synthetic Metals</i> , 1987 , 19, 503-508	3.6	12
77	Commenting on the photoreactions of anthracene derivatives in the solid state. <i>CrystEngComm</i> , 2019 , 21, 3127-3136	3.3	11
76	Spectroscopic identification of quinacridone polymorphs for organic electronics. <i>CrystEngComm</i> , 2019 , 21, 3702-3708	3.3	10
75	Raman investigation of polymorphism in 1,1,4,4-tetraphenyl-butadiene. <i>Journal of Raman Spectroscopy</i> , 2013 , 44, 905-908	2.3	10
74	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, 1085-9	2.8	10
73	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	3.3	10
72	Phase recognition by lattice phonon Raman spectra: The triclinic structure of the organic semiconductor dibenzo-tetrathiafulvalene. <i>Chemical Physics Letters</i> , 2012 , 523, 74-77	2.5	9
71	Lattice dynamics and electron-phonon coupling in pentacene crystal structures. <i>Macromolecular Symposia</i> , 2004 , 212, 375-380	0.8	9
70	Effect of pressure on the luminescence of 9,10-dichloroanthracene crystals. <i>Chemical Physics Letters</i> , 1987 , 134, 331-334	2.5	9
69	9,10-Dibromoanthracene under pressure: Phase transition and reduced excimer stability. <i>Chemical Physics Letters</i> , 1988 , 151, 243-246	2.5	9
68	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	3.6	9

67	Exploration of the polymorph landscape for 1,1,4,4-tetraphenyl-1,3-butadiene. <i>CrystEngComm</i> , 2014 , 16, 8205-8213	3.3	8
66	Characterization of Deposited Films and the Electron Beam Generated in the Pulsed Plasma Deposition Gun. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 08JD03	1.4	8
65	Excimer luminescence of anthracene derivatives at high pressure. <i>Journal of Luminescence</i> , 1988 , 40-41, 278-279	3.8	8
64	Bulk and Surface-Stabilized Structures of Paracetamol Revisited by Raman Confocal Microscopy. <i>ACS Omega</i> , 2018 , 3, 9564-9571	3.9	7
63	Solid-state photodimerization of 9-methyl-anthracene. <i>Journal of Raman Spectroscopy</i> , 2017 , 48, 271-277	3.3	7
62	Lattice phonons in neutral BEDT-TTF crystal. <i>Chemical Physics Letters</i> , 1997 , 274, 478-484	2.5	7
61	Temperature evolution of pentacene crystal structure and phonon dynamics. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 725, 1		7
60	High pressure Raman spectra and pressure-induced phase transitions of 9,10-dichloroanthracene. <i>Journal of Chemical Physics</i> , 1988 , 89, 3163-3167	3.9	7
59	Experimental study of exciton-surface plasmon interactions. <i>Journal of Molecular Structure</i> , 1982 , 79, 169-172	3.4	7
58	Charge-transfer exciton transitions in anthracene-PMDA crystal. <i>Chemical Physics Letters</i> , 1978 , 56, 218-220	3.9	7
57	Directional dispersion of exciton levels in paranitroaniline. <i>Chemical Physics Letters</i> , 1978 , 55, 131-135	2.5	7
56	Exciton transitions in quasi-one-dimensional crystals. 9-Cyanoanthracene. <i>Journal of Chemical Physics</i> , 1979 , 71, 1050-1057	3.9	7
55	The first π - π^* transition of the benzene single crystal in polarized light. <i>Molecular Physics</i> , 1972 , 23, 1179-1188	3.8	7
54	Crystal alignment of surface stabilized polymorph in thioindigo films. <i>Dyes and Pigments</i> , 2020 , 172, 107847	4.4	7
53	Photoluminescence as a probe of molecular organization in PDI8-CN2 ultra-thin films. <i>Journal of Luminescence</i> , 2017 , 187, 403-409	3.8	6
52	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> , 2017 , 17, 3361-3370	3.5	6
51	Solution equilibrium between two structures of Perylene-F2TCNQ charge transfer co-crystals. <i>Journal of Crystal Growth</i> , 2019 , 516, 45-50	1.6	6
50	A synergic approach of X-ray powder diffraction and Raman spectroscopy for crystal structure determination of 2,3-thienoimide capped oligothiophenes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 3630-3636	3.6	6

49	DFT Investigation of Oligothiophenes on a Si(001) Surface. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 20068-20075	3.8	6
48	Electron-phonon coupling in BEDT-TTF (ET) superconductors. <i>Synthetic Metals</i> , 2000 , 109, 13-17	3.6	6
47	Structure and phonons of $\text{[(ET)}_2\text{I}_3\text{]}_x$ crystals. <i>Physica B: Condensed Matter</i> , 1999 , 265, 195-198	2.8	6
46	Pressure-induced phase transitions in quasi-one-dimensional anthracene derivatives. <i>Physica B: Condensed Matter</i> , 1999 , 265, 199-202	2.8	6
45	A dynamical model of excimer instability in molecular crystals. <i>Chemical Physics</i> , 1987 , 116, 141-149	2.3	6
44	The electronic spectra of thieno[3,2,-b]thiophene. <i>Journal of Chemical Physics</i> , 1977 , 66, 51-58	3.9	6
43	Charge-Transfer Excitons in Organic Solids. <i>Molecular Crystals and Liquid Crystals</i> , 1979 , 50, 163-174		6
42	Substitutional and surface fluorescence in pentacene-anthracene crystals. <i>Chemical Physics Letters</i> , 1974 , 29, 17-20	2.5	6
41	Coupling between lattice and intramolecular modes in 9,10-dimethylantracene: Raman spectra under pressure and quasi-harmonic lattice dynamics calculations. <i>Chemical Physics</i> , 2001 , 273, 197-206	2.3	5
40	Coupling between intramolecular and lattice vibrations in solid para-diiodobenzene. <i>Chemical Physics Letters</i> , 2000 , 325, 599-604	2.5	5
39	The effect of pressure on circular dichroism spectra of a chiral helicoidal chromium complex. <i>Physica B: Condensed Matter</i> , 1999 , 265, 203-207	2.8	5
38	Electronic Spectra of Thiazolo[5,4-d]Thiazole. <i>Molecular Crystals and Liquid Crystals</i> , 1983 , 100, 263-274		5
37	Substrate-Induced Phase of a Benzothiophene Derivative Detected by Mid-Infrared and Lattice Phonon Raman Spectroscopy. <i>ChemPhysChem</i> , 2018 , 19, 993-1000	3.2	4
36	Temperature dependence of structure and phonons of [TTF]_x and $\text{[TTF]}_x\text{[ET]}_y$ crystals. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 4170-4175	3.6	4
35	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	3.6	4
34	The effect of pressure on the photodimerization of 7-methoxycoumarin crystal. <i>Chemical Physics Letters</i> , 1994 , 218, 568-573	2.5	4
33	Stability under pressure of excimers of anthracene derivatives. <i>Journal of Luminescence</i> , 1992 , 53, 110-112	3.2	4
32	The effect of pressure on the electronic spectra of anthracene derivatives. <i>Journal of Luminescence</i> , 1987 , 38, 311-313	3.8	4

31	A 1B2<-1B1g transition in crystalline carbon disulphide. <i>Chemical Physics Letters</i> , 1976 , 41, 95-99	2.5	4
30	Experimental Estimate of the Holstein Electron-Phonon Coupling Constants in Perylene. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000208	6.4	4
29	Growth, morphology and molecular orientation of controlled Indigo thin films on silica surfaces. <i>Surfaces and Interfaces</i> , 2021 , 24, 101058	4.1	4
28	(Perylene)3-(TCNQF1)2: Yet Another Member in the Series of Perylene-CNQF _x Polymorphic Charge Transfer Crystals. <i>Crystals</i> , 2020 , 10, 177	2.3	3
27	Dielectric studies on conjugated polymers. <i>Synthetic Metals</i> , 1999 , 101, 467-468	3.6	3
26	Phonon scattering and exciton linewidths in naphthalene and phenanthrene molecular crystals. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1977 , 73, 1262		3
25	Intensities in polarized light: near ultraviolet absorption spectrum of 1,2,4,5 tetramethylbenzene. <i>Transactions of the Faraday Society</i> , 1971 , 67, 913		3
24	In Search of Surface-Induced Crystal Structures: The Case of Tyrian Purple. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17702-17710	3.8	3
23	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	3.8	3
22	Simulated Raman spectra of four tetraphenylbutadiene polymorphs. <i>International Journal of Quantum Chemistry</i> , 2018 , 118, e25503	2.1	2
21	Intermolecular phonons in BEDT-TTF crystals. <i>Synthetic Metals</i> , 1997 , 85, 1561-1562	3.6	2
20	The effect of pressure on CD spectra of the chiral octahedral transition metal complexes $[\text{Cr}[(+)\text{(S)(S)Mebdtp}]_3]$. <i>High Pressure Research</i> , 2000 , 18, 285-289	1.6	2
19	Spectroscopic study of polyparaphenylene under pressure. <i>Synthetic Metals</i> , 1989 , 29, 13-16	3.6	2
18	Optical surface polariton spectroscopy of organic crystals and monolayer assemblies. <i>Journal of Molecular Structure</i> , 1980 , 61, 299-304	3.4	2
17	Nonlinear oscillations of compact stars in the vicinity of the maximum mass configuration. <i>Europhysics Letters</i> , 2015 , 111, 29001	1.6	1
16	Temperature and pressure studies of the continuous neutral-ionic borderline in ClMePDDMeDCNQI. <i>Synthetic Metals</i> , 2003 , 133-134, 629-631	3.6	1
15	Raman phonon spectra and lattice dynamics of 9,10-dinitroanthracene under pressure. <i>High Pressure Research</i> , 2000 , 18, 233-238	1.6	1
14	Pressure and temperature effects in lattice dynamics: 1,4-dibromonaphthalene. <i>Chemical Physics</i> , 2000 , 262, 437-444	2.3	1

- 13 High-Pressure Raman Spectra of p-Diiodobenzene. *Journal of Physical Chemistry A*, **2000**, 104, 11070-11074 1
- 12 Raman phonon spectra and lattice dynamics of 7-methoxycoumarin under pressure. *Chemical Physics Letters*, **1995**, 246, 619-625 2.5 0
- 11 The impact of solid solution composition on kinetics and mechanism of [2 + 2] photodimerization of cinnamic acid derivatives. *CrystEngComm*, **2021**, 23, 1352-1359 3.3 0
- 10 Terahertz Raman scattering as a probe for electron-phonon coupling, disorder and correlation length in molecular materials. *Journal of Materials Chemistry C*, **2021**, 9, 10677-10688 7.1 0
- 9 Bulk and Surface-Mediated Polymorphs of Bio-Inspired Dyes Organic Semiconductors: The Role of Lattice Phonons in their Investigation. *Israel Journal of Chemistry*, 3.4 0
- 8 Cf/C composites: correlation between CVI process parameters and Pyrolytic Carbon microstructure. *Frattura Ed Integrita Strutturale*, **2014**, 8, 68-74 0.9
- 7 A novel industrial thin film deposition technology for sustainable CdTe photovoltaics. *Materials Research Society Symposia Proceedings*, **2012**, 1447, 91
- 6 The Effect of Pressure on Vibrational Spectra of the Chiral Coordination Compound Ni[(R,R)bdtp] 2. *High Pressure Research*, **2002**, 22, 99-103 1.6
- 5 Neutral to Ionic Pressure-Induced Phase Transition in the Mixed Stack Charge-Transfer Crystal ClMePD-DMeDCNQI. *High Pressure Research*, **2002**, 22, 95-98 1.6
- 4 Lattice dynamics and e-ph coupling in BEDT-TTF superconductors. *Synthetic Metals*, **1999**, 103, 2083 3.6
- 3 High pressure Raman spectra of trigonal and tetrahedral mercury(II) halide complexes: [(CH₃)₃S][HgCl₃]. *Journal of Molecular Structure*, **1990**, 219, 117-122 3.4
- 2 Excimer luminescence of 9-cyanoanthracene under pressure. *Journal of Molecular Structure*, **1986**, 143, 231-234 3.4
- 1 The polarized spectrum of benzene-d₆ single crystal at 2000 K. *Molecular Physics*, **1974**, 27, 1109-1111 1.7