Katalin KamarÃ¡s

List of Publications by Year
in descending order

204 papers	8,299 citations	136950 32 h-index	48315 88 g-index
209 all docs	209 docs citations	209 times ranked	10063 citing authors

#	Article	IF	Citations
1	Transparent, Conductive Carbon Nanotube Films. Science, 2004, 305, 1273-1276.	12.6	2,797
2	Anomalies in thickness measurements of graphene and few layer graphite crystals by tapping mode atomic force microscopy. Carbon, 2008, 46, 1435-1442.	10.3	533
3	Sidewall Functionalization of Single-Walled Carbon Nanotubes by Addition of Dichlorocarbene. Journal of the American Chemical Society, 2003, 125, 14893-14900.	13.7	375
4	In a clean high-Tcsuperconductor you do not see the gap. Physical Review Letters, 1990, 64, 84-87.	7.8	353
5	Nanowires of Methylammonium Lead Iodide (CH₃NH₃PbI₃) Prepared by Low Temperature Solution-Mediated Crystallization. Nano Letters, 2014, 14, 6761-6766.	9.1	257
6	Covalent Bond Formation to a Carbon Nanotube Metal. Science, 2003, 301, 1501-1501.	12.6	251
7	Charge transfer and Fermi level shift inp-doped single-walled carbon nanotubes. Physical Review B, 2005, 71, .	3.2	205
8	Far-Infrared Conductivity of the High-TcSuperconductor YBa2Cu3O7. Physical Review Letters, 1987, 58, 2249-2250.	7.8	175
9	Excitonic absorption and superconductivity inYBa2Cu3O7âˆ'y. Physical Review Letters, 1987, 59, 919-922.	7.8	157
10	Self-assembled monolayers as interfaces for organic opto-electronic devices. European Physical Journal B, 1999, 11, 505-512.	1.5	138
11	The lowâ€temperature infrared optical functions of SrTiO3determined by reflectance spectroscopy and spectroscopic ellipsometry. Journal of Applied Physics, 1995, 78, 1235-1240.	2.5	116
12	Infrared studies ofab-plane oriented oxide superconductors. Physical Review B, 1988, 38, 6683-6688.	3.2	113
13	Rotorâ€"stator molecular crystals of fullerenes with cubane. Nature Materials, 2005, 4, 764-767.	27.5	113
14	Charge dynamics in transparent single-walled carbon nanotube films from optical transmission measurements. Physical Review B, 2006, 74, .	3.2	108
15	far-infrared optical properties ofBi2Sr2CaCu2O8. Physical Review B, 1988, 38, 11981-11984.	3.2	107
16	Optimized unconventional superconductivity in a molecular Jahn-Teller metal. Science Advances, 2015, 1, e1500059.	10.3	98
17	Optical properties ofLa1.85Sr0.15CuO4: Evidence for strong electron-phonon and electron-electron interactions. Physical Review B, 1987, 36, 733-735.	3.2	90
18	The rapid electrochemical activation of MoTe2 for the hydrogen evolution reaction. Nature Communications, 2019, 10, 4916.	12.8	90

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19	Far-infrared properties ofab-plane orientedYBa2Cu3O7â`Î´. Physical Review B, 1988, 37, 1574-1579.	3.2	88
20	Crystallographically selective nanopatterning of graphene on SiO2. Nano Research, 2010, 3, 110-116.	10.4	87
21	Far-infrared measurement of the gap of the high-TcsuperconductorLa1.85Sr0.15CuO4â`x. Physical Review B, 1987, 35, 8843-8845.	3.2	78
22	Ultrasensitive 1D field-effect phototransistors: CH₃NH₃PbI₃ nanowire sensitized individual carbon nanotubes. Nanoscale, 2016, 8, 4888-4893.	5.6	54
23	Dynamic Jahnâ€“Teller effect in the parent insulating state of the molecular superconductor Cs3C60. Nature Communications, 2012, 3, 912.	12.8	53
24	Protonated metal-oxide electrodes for organic light emitting diodes. Chemical Physics Letters, 1998, 283, 194-200.	2.6	51
25	Wide-range optical studies on various single-walled carbon nanotubes: Origin of the low-energy gap. Physical Review B, 2011, 84, .	3.2	47
26	Dominant luminescence is not due to quantum confinement in molecular-sized silicon carbide nanocrystals. Nanoscale, 2015, 7, 10982-10988.	5.6	46
27	Nonlinear Hall effect inK0.3MoO3due to the sliding of charge-density waves. Physical Review B, 1986, 34, 9047-9050.	3.2	44
28	Preparation of small silicon carbide quantum dots by wet chemical etching. Journal of Materials Research, 2013, 28, 44-49.	2.6	41
29	Silicon carbide quantum dots for bioimaging. Journal of Materials Research, 2013, 28, 205-209.	2.6	40
30	Bulk structure of phototransformed C. Solid State Communications, 1999, 111, 595-599.	1.9	37
31	Infrared spectra of one- and two-dimensional fullerene polymer structures:RbC60and rhombohedralC60. Physical Review B, 1997, 55, 10999-11002.	3.2	34
32	Static and dynamic Jahn-Teller effect in the alkali metal fulleride saltsA4C60(A=K,Rb,Cs). Physical Review B, 2006, 73, .	3.2	33
33	Characterization of luminescent silicon carbide nanocrystals prepared by reactive bonding and subsequent wet chemical etching. Applied Physics Letters, 2011, 99, .	3.3	33
34	Interactions and Chemical Transformations of Coronene Inside and Outside Carbon Nanotubes. Small, 2014, 10, 1369-1378.	10.0	33
35	Signature of Large-Gap Quantum Spin Hall State in the Layered Mineral Jacutingaite. Nano Letters, 2020, 20, 5207-5213.	9.1	33
36	Investigation of chromate salts by diffuse reflectance spectroscopy. Spectrochimica Acta Part A: Molecular Spectroscopy, 1978, 34, 607-612.	0.1	32

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37	Identification of Luminescence Centers in Molecular-Sized Silicon Carbide Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 685-691.	3.1	31
38	Optical absorption in complex TCNQ salts. Solid State Communications, 1978, 27, 1171-1175.	1.9	30
39	The orientational phase transition in C60 films followed by infrared spectroscopy. Chemical Physics Letters, 1993, 214, 338-344.	2.6	30
40	Infrared spectroscopic studies on unoriented single-walled carbon nanotube films under hydrostatic pressure. Physical Review B, 2010, 81, .	3.2	27
41	Dominantly epitaxial growth of graphene on Ni (1 1 1) substrate. Applied Surface Science, 2014, 314, 490-499.	6.1	27
42	Far-IR spectroscopic ellipsometer. Thin Solid Films, 1993, 234, 314-317.	1.8	26
43	Selective Formation of Biâ€Component Arrays Through Hâ€Bonding of Multivalent Molecular Modules. Advanced Functional Materials, 2009, 19, 1207-1214.	14.9	26
44	KamarÃ¡set al. reply. Physical Review Letters, 1988, 60, 969-969.	7.8	25
45	Room-Temperature Defect Qubits in Ultrasmall Nanocrystals. Journal of Physical Chemistry Letters, 2020, 11, 1675-1681.	4.6	25
46	Ferrocene encapsulation in carbon nanotubes: Various methods of filling and investigation. Physica Status Solidi (B): Basic Research, 2011, 248, 2512-2515.	1.5	23
47	Far-infrared study of the Jahn-Teller-distortedC60monoanion inC60-tetraphenylphosphoniumiodide. Physical Review B, 1998, 58, 14338-14348.	3.2	22
48	Infrared studies of high Tc superconductors. Physica C: Superconductivity and Its Applications, 1989, 162-164, 841-844.	1.2	21
49	Far-infrared vibrational properties of high-pressure high-temperatureC60polymers and theC60dimer. Physical Review B, 2000, 61, 13191-13201.	3.2	21
50	Investigation of fullerene encapsulation in carbon nanotubes using a complex approach based on vibrational spectroscopy. Physica Status Solidi (B): Basic Research, 2010, 247, 2743-2745.	1.5	21
51	Infrared and raman spectra of C60Â·n-pentane clathrate crystals. Chemical Physics Letters, 1993, 202, 325-329.	2.6	20
52	Infrared properties ofTâ€™-phaseR2CuO4insulating compounds. Physical Review B, 1991, 43, 7847-7851.	3.2	19
53	Lowâ€temperature encapsulation of coronene in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2012, 249, 2432-2435.	1.5	19
54	Calculation of optical constants from carbon nanotube transmission spectra. Physica Status Solidi (B): Basic Research, 2006, 243, 3485-3488.	1.5	18

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55	Spectroscopic and electrochemical study of hybrids containing conductive polymers and carbon nanotubes. Carbon, 2010, 48, 2773-2781.	10.3	18
56	In a Clean High-TcSuperconductor You Do Not See the Gap. Physical Review Letters, 1990, 64, 1692-1692.	7.8	17
57	Infrared studies of the phase transition in the organic charge-transfer saltN-propylquinolinium ditetracyanoquinodimethane. Physical Review B, 1992, 45, 10197-10205.	3.2	17
58	Studies of boronâ€“interstitial clusters in Si. Journal of Physics Condensed Matter, 2003, 15, 4967-4977.	1.8	17
59	Shift of the optical absorption edge in C60 clathrate single crystals. Applied Physics A: Materials Science and Processing, 1993, 56, 231-233.	2.3	16
60	Topochemical copolymerization of fullerenes with cubane in their rotor-stator phases. Physica Status Solidi (B): Basic Research, 2006, 243, 2985-2989.	1.5	16
61	Phase segregation on the nanoscale inNa2C60. Physical Review B, 2006, 74, .	3.2	16
62	The effect of nitric acid doping on the optical properties of carbon nanotube films. Physica Status Solidi (B): Basic Research, 2010, 247, 2754-2757.	1.5	16
63	A general figure of merit for thick and thin transparent conductive carbon nanotube coatings. Journal of Applied Physics, 2010, 108, 054318.	2.5	16
64	Chemical Transformation of Carboxyl Groups on the Surface of Silicon Carbide Quantum Dots. Journal of Physical Chemistry C, 2014, 118, 19995-20001.	3.1	16
65	Growth of Carbon Nanotubes inside Boron Nitride Nanotubes by Coalescence of Fullerenes: Toward the World's Smallest Coaxial Cable. Small Methods, 2017, 1, 1700184.	8.6	16
66	Identification of the binding site between bovine serum albumin and ultrasmall SiC fluorescent biomarkers. Physical Chemistry Chemical Physics, 2018, 20, 13419-13429.	2.8	16
67	Structure and properties of the stable two-dimensional conducting polymer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Mg</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	3.2	15
68	Vibrational Signatures in the Infrared Spectra of Single- and Double-Walled Carbon Nanotubes and Their Diameter Dependence. Journal of Physical Chemistry Letters, 2011, 2, 2079-2082.	4.6	15
69	Selected Electrochemical Properties of 4,4â€™-((1E,1â€™E)-((1,2,4-Thiadiazole-3,5-diyl)bis(azaneylylidene))bis(methaneylylidene))bis(N,N-di-p-tolylaniline) towards Perovskite Solar Cells with 14.4% Efficiency. Materials, 2020, 13, 2440.	2.9	15
70	Effect of lead thiocyanate ions on performance of tin-based perovskite solar cells. Journal of Power Sources, 2020, 458, 228067.	7.8	15
71	Solid-Phase Quasi-Intramolecular Redox Reaction of [Ag(NH₃)₂]MnO₄: An Easy Way to Prepare Pure AgMnO₂. Inorganic Chemistry, 2021, 60, 3749-3760.	4.0	15
72	Temperature dependence of the phonon structure in the high-temperature superconductorBi2Sr2CaCu2O8studied by infrared reflectance spectroscopy. Physical Review B, 1991, 43, 11381-11383.	3.2	14

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73	Metallicity in fullerides. Dalton Transactions, 2014, 43, 7366.	3.3	14
74	Infrared and differential-scanning-calorimetry study of the room-temperature cubic phase ofRbC60. Physical Review B, 1995, 52, 11488-11491.	3.2	13
75	Rotorâ€“stator phases of fullerenes with cubane derivatives: A novel family of heteromolecular crystals. Physica Status Solidi (B): Basic Research, 2006, 243, 3032-3036.	1.5	13
76	Low Band Gap and Ionic Bonding with Charge Transfer Threshold in the Polymeric Lithium Fulleride Li4C60. Journal of Physical Chemistry C, 2008, 112, 2988-2996.	3.1	13
77	Rotational Dynamics in C70: Temperature- and Pressure-Dependent Infrared Studies. Journal of Physical Chemistry C, 2011, 115, 3646-3653.	3.1	13
78	Harnessing no-photon exciton generation chemistry to engineer semiconductor nanostructures. Scientific Reports, 2017, 7, 10599.	3.3	13
79	Conduction electron spin resonance measurements on TTF-TNNQ and (TMTTF)2BF4 under hydrostatic pressure. Journal De Physique, 1987, 48, 413-418.	1.8	13
80	Electronic spectra of the organic charge transfer salts TTT-In. Solid State Communications, 1977, 24, 93-96.	1.9	12
81	Coulomb effects in the organic charge transfer salt TTT2I3. Solid State Communications, 1978, 28, 607-611.	1.9	12
82	Optical properties of the charge transfer salts of tetrathiotetracene. Solid State Communications, 1979, 30, 277-281.	1.9	12
83	Optical spectroscopy on monomeric and polymeric 1:1 fulleride salts. Journal of Superconductivity and Novel Magnetism, 1995, 8, 621-622.	0.5	12
84	Infrared and optical spectra of polymerized AC60 fullerides. Chemical Physics Letters, 1998, 295, 279-284.	2.6	12
85	Far-infrared vibrational properties of tetragonalC60polymer. Physical Review B, 2002, 65, .	3.2	12
86	Vibrational Spectra of C₆₀Â·C₈H₈ and C₇₀Â·C₈H₈ in the Rotor-stator and Polymer Phases. Journal of Physical Chemistry B, 2007, 111, 12375-12382.	2.6	12
87	Wideâ€range optical spectra of carbon nanotubes: a comparative study. Physica Status Solidi (B): Basic Research, 2008, 245, 2229-2232.	1.5	12
88	Large scale nanopatterning of graphene. Nuclear Instruments & Methods in Physics Research B, 2012, 282, 130-133.	1.4	12
89	Linear Current-Field Relation of Charge Density Waves near the Depinning Threshold in Alkali-Metal Blue Bronzes A _{0.3} MoO ₃. Europhysics Letters, 1987, 3, 1027-1033.	2.0	11
90	Ordered low-temperature structure inK4C60detected by infrared spectroscopy. Physical Review B, 2002, 65, .	3.2	11

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91	Orientational Ordering and Intermolecular Interactions in the Rotor-Stator Compounds C₆₀Â·C₈H₈ and C₇₀Â·C₈H₈ Studied under Pressure. Journal of Physical Chemistry C, 2008, 112, 17525-17532.	3.1	11
92	Mott localization in the correlated superconductor Cs₃C₆₀resulting from the molecular Jahn-Teller effect. Journal of Physics: Conference Series, 2013, 428, 012002.	0.4	11
93	Infared Spectra of the Neutron Irradiated Quasiâ€Oneâ€Dimensional Charge Transfer Salts TEA (TCNQ)₂ and QN (TCNQ)₂. Physica Status Solidi (B): Basic Research, 1980, 102, 467-474.	1.5	10
94	Pressure-dependent infrared spectroscopy on the fullerene rotorâ€“stator compound C60â€“C8H8. Physica Status Solidi (B): Basic Research, 2006, 243, 2981-2984.	1.5	10
95	Mapping of Functionalized Regions on Carbon Nanotubes by Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2011, 115, 3229-3235.	3.1	10
96	Impurity effects in the organic charge transfer salt Qn(TCNQ)2. Journal of Physics C: Solid State Physics, 1977, 10, L423-L427.	1.5	9
97	Far-infrared response of free carriers in YBA2Cu3O7 from ellipsometric measurements. Physica C: Superconductivity and Its Applications, 1994, 222, 166-172.	1.2	9
98	Pressure-induced phenomena in single-walled carbon nanotubes probed by infrared spectroscopy. High Pressure Research, 2009, 29, 559-563.	1.2	9
99	Fullerene-driven encapsulation of a luminescent Eu(iii) complex in carbon nanotubes. Nanoscale, 2014, 6, 2887.	5.6	9
100	Effect of heat treatments on the properties of hydrogenated amorphous silicon for PV and PVT applications. Solar Energy, 2015, 119, 225-232.	6.1	9
101	Enhancement of X-ray-Excited Red Luminescence of Chromium-Doped Zinc Gallate via Ultrasmall Silicon Carbide Nanocrystals. Chemistry of Materials, 2021, 33, 2457-2465.	6.7	9
102	Dynamic disorder in the high-temperature polymorph of bis[diamminesilver(I)] sulfateâ€"reasons and consequences of simultaneous ammonia release from two different polymorphs. Journal of Coordination Chemistry, 2021, 74, 2144-2162.	2.2	9
103	Ultrahigh nitrogen-vacancy center concentration in diamond. Carbon, 2022, 188, 393-400.	10.3	9
104	The structure of N-(n-Propyl)-quinolinium-(TCNQ)2 at 100 K. Synthetic Metals, 1988, 25, 189-195.	3.9	8
105	Far-infrared vibrational properties of linearC60polymers:â€‚â€‚A comparison between neutral and charged materials. Physical Review B, 2003, 67, .	3.2	8
106	The fulleride polymer Mg5C60. Physica Status Solidi (B): Basic Research, 2007, 244, 3853-3856.	1.5	8
107	Electronic Properties of Propylamineâ€Functionalized Singleâ€Walled Carbon Nanotubes. ChemPhysChem, 2010, 11, 2444-2448.	2.1	8
108	Melting of Hydrogen Bonds in Uracil Derivatives Probed by Infrared Spectroscopy and ab Initio Molecular Dynamics. Journal of Physical Chemistry B, 2012, 116, 4626-4633.	2.6	8

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109	Superfluid and normal-fluid densities in the high-Tc superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2193-2196.	1.2	7
110	A systematic study of optical and Raman spectra of peapodâ€based DWNTs. Physica Status Solidi (B): Basic Research, 2010, 247, 2843-2846.	1.5	7
111	Fabrication and characterization of ultrathin dextran layers: Time dependent nanostructure in aqueous environments revealed by OWLS. Colloids and Surfaces B: Biointerfaces, 2016, 146, 861-870.	5.0	7
112	Optical detection of charge dynamics in CH₃NH₃PbI₃/carbon nanotube composites. Nanoscale, 2017, 9, 17781-17787.	5.6	7
113	Direct Observation of Transition from Solid-State to Molecular-Like Optical Properties in Ultrasmall Silicon Carbide Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 26713-26721.	3.1	7
114	ESR Study of (TMTTF)2BF4 and TTF-TCNQ under Hydrostatic Pressure. Molecular Crystals and Liquid Crystals, 1985, 120, 89-92.	0.8	6
115	On a possible charge transfer in superconducting superlattices. Physica C: Superconductivity and Its Applications, 1993, 209, 51-54.	1.2	6
116	Diameter selectivity of nanotube sidewall functionalization probed by optical spectroscopy. Physica Status Solidi (B): Basic Research, 2008, 245, 1954-1956.	1.5	6
117	On the formation of blisters in annealed hydrogenated a-Si layers. Nanoscale Research Letters, 2013, 8, 84.	5.7	6
118	Scattering nearâ€field optical microscopy on metallic and semiconducting carbon nanotube bundles in the infrared. Physica Status Solidi (B): Basic Research, 2016, 253, 2413-2416.	1.5	6
119	Electronic and ionic conductivities in superionic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>4</mml:mn></mm mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	6
120	Novel Method for Electroless Etching of 6Hâ€“SiC. Nanomaterials, 2020, 10, 538.	4.1	6
121	Organic molecules encapsulated in single-walled carbon nanotubes. Oxford Open Materials Science, 2020, 1, .	1.8	6
122	Far- and mid-infrared anisotropy of magnetically aligned single-wall carbon nanotubes studied with synchrotron radiation. Infrared Physics and Technology, 2006, 49, 35-38.	2.9	5
123	Pressureâ€induced phenomena in singleâ€walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 3982-3985.	1.5	5
124	Crystallographic orientation dependent etching of graphene layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, NA-NA.	0.8	5
125	Bundle versus network conductivity of carbon nanotubes separated by type. European Physical Journal B, 2014, 87, 1.	1.5	5
126	Surface-Mediated Energy Transfer and Subsequent Photocatalytic Behavior in Silicon Carbide Colloid Solutions. Langmuir, 2017, 33, 14263-14268.	3.5	5

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127	Giant microwave absorption in fine powders of superconductors. Scientific Reports, 2018, 8, 11480.	3.3	5
128	Polaritonic Enhancement of Near-Field Scattering of Small Molecules Encapsulated in Boron Nitride Nanotubes: Chemical Reactions in Confined Spaces. ACS Applied Nano Materials, 2021, 4, 4335-4339.	5.0	5
129	Optimization of Chromium-Doped Zinc Gallate Nanocrystals for Strong Near-Infrared Emission by Annealing. ACS Applied Nano Materials, 2022, 5, 8950-8961.	5.0	5
130	Optical Properties of Dopant Induced States in La2â^'xSrxCuO4-Î´ Compounds. Materials Research Society Symposia Proceedings, 1987, 99, 135.	0.1	4
131	Mid- and near-IR ellipsometry of Y1â^'Pr Ba2Cu3O7 epitaxial films. Thin Solid Films, 1993, 234, 518-521.	1.8	4
132	Anisotropic optical properties of single-crystal GdBa2Cu3O7â^'Î´. European Physical Journal B, 1995, 96, 313-318.	1.5	4
133	Low temperature phase transition in n-pentane C60 clathrate: a Raman scattering study. Chemical Physics Letters, 2000, 326, 58-64.	2.6	4
134	Diffusionless solid state reactions in C60 and its supramolecular derivatives: photopolymerization and hostâ€“guest cycloaddition. Synthetic Metals, 2003, 133-134, 685-687.	3.9	4
135	Infrared spectroscopy on the rotorâ€“stator compounds C60â€“C8H8 and C70â€“C8H8 under pressure. Physica Status Solidi (B): Basic Research, 2007, 244, 3857-3860.	1.5	4
136	Pressure studies on fullerene peapods. Physica Status Solidi (B): Basic Research, 2011, 248, 2732-2735.	1.5	4
137	Carbon Nanotubeâ€Based Metalâ€Ion Catchers as Supramolecular Depolluting Materials. ChemSusChem, 2011, 4, 1464-1469.	6.8	4
138	Pressure-induced transition from the dynamic to static Jahn-Teller effect in (Ph<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 327 Td xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>IC<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	4
139	Encapsulation of Sexithiophene Molecules in Singleâ€Walled Carbon Nanotubes Using Supercritical CO 2 at Low Temperature. Physica Status Solidi (B): Basic Research, 2020, 257, 2000314.	1.5	4
140	The Role of Potassium in the Segregation of MAPb(Br 0.6 I 0.4) 3 Mixedâ€Halide Perovskite in Different Environments. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000335.	2.4	4
141	Highly conducting organic alloys (NBDT)2IxBr3â€“x{NBDT = naphthaceno[5,6-cd: 11,12-câ€²dâ€²]bis[1,2]dithiole}. Journal of the Chemical Society Chemical Communications, 1978, , 974-975.	2.0	3
142	Infrared studies of AB-plane oriented YBa2Cu3O7â^'Î´. Synthetic Metals, 1989, 29, 715-721.	3.9	3
143	Soluble photopolymer: Isolation of cycloadduct oligomers from the phototransformed C60. Synthetic Metals, 2001, 121, 1109-1110.	3.9	3
144	Polarization-dependent optical reflectivity in magnetically oriented carbon nanotube networks. Physica Status Solidi (B): Basic Research, 2006, 243, 3126-3129.	1.5	3

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145	Infrared spectroscopy on the fullerene C₇₀ under pressure. Physica Status Solidi (B): Basic Research, 2008, 245, 2006-2009.	1.5	3
146	Infrared and Raman investigation of carbon nanotubeâ€polyallylamine hybrid systems. Physica Status Solidi (B): Basic Research, 2010, 247, 2884-2886.	1.5	3
147	Evolution of the structure and hydrogen bonding configuration in annealed hydrogenated a-Si/a-Ge multilayers and layers. Applied Surface Science, 2013, 269, 12-16.	6.1	3
148	Cloaking by Ï€-electrons in the infrared. Physica Status Solidi (B): Basic Research, 2016, 253, 2457-2460.	1.5	3
149	Nanoscale Characterization of Individual Horizontally Aligned Single-Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2017, 254, 1700433.	1.5	3
150	Near-field infrared microscopy of nanometer-sized nickel clusters inside single-walled carbon nanotubes. RSC Advances, 2019, 9, 34120-34124.	3.6	3
151	Following Jahnâ€"Teller Distortions in Fulleride Salts by Optical Spectroscopy. Springer Series in Chemical Physics, 2009, , 489-515.	0.2	3
152	Optical Reflectivity of Bi2Sr2CaCu2O8 Crystals. Springer Series in Solid-state Sciences, 1990, , 260-264.	0.3	3
153	Dextran-based Hydrogel Layers for Biosensors. , 2020, , 139-164.		3
154	Polarized IR Reflectance Spectra of Pure and Neutron Irradiated Qn(TCNQ)₂ Mosaics. Physica Status Solidi (B): Basic Research, 1983, 118, K43.	1.5	2
155	Optical Reflectance Studies on YBa2Cu3O7âˆ'x and Related Compounds. Materials Research Society Symposia Proceedings, 1987, 99, 777.	0.1	2
156	Optical properties of N-propylquinolinium(TCNQ)2 through the phase transition. Synthetic Metals, 1991, 42, 1839-1842.	3.9	2
157	Infrared and Raman Spectra of C60 clathrates. Synthetic Metals, 1993, 56, 3021-3026.	3.9	2
158	Far-infrared study of C60-tetraphenylphosphoniumiodide. Synthetic Metals, 1999, 103, 2435-2436.	3.9	2
159	Infrared spectra of C70 and its alkali salts. Ferroelectrics, 2001, 249, 117-124.	0.6	2
160	Distortions of C[sub 60][sup 4âˆ'] studied by infrared spectroscopy. AIP Conference Proceedings, 2003, , .	0.4	2
161	Infrared microreflectance study of the pressure effect on the structural properties of magnetically aligned singleâ€wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2008, 245, 2288-2291.	1.5	2
162	Investigation of hydrogenated HiPCo nanotubes by infrared spectroscopy. Physica Status Solidi (B): Basic Research, 2010, 247, 2855-2858.	1.5	2

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163	Phase transitions in C₆₀Â·C₈H₈ under hydrostatic pressure. Physica Status Solidi (B): Basic Research, 2012, 249, 2596-2599.	1.5	2
164	Breakdown of diameter selectivity in a reductive hydrogenation reaction of single-walled carbon nanotubes. Chemical Physics Letters, 2015, 618, 214-218.	2.6	2
165	Off-axis parabolic mirror optics for polarized Raman spectroscopy at low temperature. Applied Physics Letters, 2017, 110, .	3.3	2
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