D Mihailovic

List of Publications by Year
in descending order

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395	10,100	44069	49909
papers	citations	48 h-index	87 g-index

405	405	405	7764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-Assembly of Subnanometer-Diameter Single-Wall MoS ₂ Nanotubes. Science, 2001, 292, 479-481.	12.6	503
2	Ultrafast Switching to a Stable Hidden Quantum State in an Electronic Crystal. Science, 2014, 344, 177-180.	12.6	502
3	Ultrafast optical spectroscopy of strongly correlated materials and high-temperature superconductors: a non-equilibrium approach. Advances in Physics, 2016, 65, 58-238.	14.4	325
4	Quasiparticle relaxation dynamics in superconductors with different gap structures: Theory and experiments onYBa2Cu3O7â˜Î´. Physical Review B, 1999, 59, 1497-1506.	3.2	287
5	Superconducting GapÎ”c, the PseudogapÎ”p, and Pair Fluctuations aboveTcin OverdopedY1â˜xCaxBa2Cu3O7â˜Î´from Femtosecond Time-Domain Spectroscopy. Physical Review Letters, 1999, 82, 4918-4921.	7.8	266
6	Single Particle and Collective Excitations in the One-Dimensional Charge Density Wave SolidK0.3MoO3Probed in Real Time by Femtosecond Spectroscopy. Physical Review Letters, 1999, 83, 800-803.	7.8	215
7	Dichalcogenide Nanotube Electrodes for Li-Ion Batteries. Advanced Materials, 2002, 14, 1531-1534.	21.0	206
8	Coherent dynamics of macroscopic electronic order through a symmetry breaking transition. Nature Physics, 2010, 6, 681-684.	16.7	189
9	Application of the polaron-transport theory to Ïƒ(Ï‰) inTl2Ba2Ca1â˜xGdxCu2O8,YBa2Cu3O7â˜Î´, andLa2â˜xSrxCuO4. Physical Review B, 1990, 42, 7989-7993.	3.2	179
10	Evidence for Two-Component High-Temperature Superconductivity in the Femtosecond Optical Response ofYBa2Cu3O7â˜Î´. Physical Review Letters, 1997, 78, 2212-2215.	7.8	168
11	Origin of ferromagnetic exchange interactions in a fullereneâ€“organic compound. Nature, 2000, 407, 883-885.	27.8	166
12	Fast electronic resistance switching involving hidden charge density wave states. Nature Communications, 2016, 7, 11442.	12.8	151
13	A high-temperature quantum spin liquid with polaron spins. Nature Physics, 2017, 13, 1130-1134.	16.7	132
14	Electron-Phonon Coupling in High-Temperature Cuprate Superconductors Determined from Electron Relaxation Rates. Physical Review Letters, 2010, 105, 257001.	7.8	131
15	Controlling the metal-to-insulator relaxation of the metastable hidden quantum state in 1T-TaS ₂. Science Advances, 2015, 1, e1500168.	10.3	128
16	Kinetics of a Superconductor Excited with a Femtosecond Optical Pulse. Physical Review Letters, 2005, 95, 147002.	7.8	125
17	Shear and Young's Moduli of MoS2 Nanotube Ropes. Advanced Materials, 2003, 15, 733-736.	21.0	123
18	Substitution effects on bipolarons in alkoxy derivatives of poly(1,4-phenylene-vinylene). Physical Review B, 1991, 43, 5109-5118.	3.2	122

#	Article	IF	Citations
19	Femtosecond snapshots of gap-forming charge-density-wave correlations in quasi-two-dimensional dichalcogenides1Tâ^'TaS2and2Hâ^'TaSe2. Physical Review B, 2002, 66, .	3.2	115
20	Air-stable monodispersed Mo6S3I6nanowires. Nanotechnology, 2004, 15, 635-638.	2.6	112
21	Controlled Vaporization of the Superconducting Condensate in Cuprate Superconductors by Femtosecond Photoexcitation. Physical Review Letters, 2008, 101, 227001.	7.8	107
22	Solubility of Mo6S4.5I4.5Nanowires in Common Solvents:Â A Sedimentation Study. Journal of Physical Chemistry B, 2005, 109, 7124-7133.	2.6	105
23	Addition of Carbon Radicals Generated from Organic Peroxides to Single Wall Carbon Nanotubes. Chemistry of Materials, 2003, 15, 4751-4755.	6.7	104
24	Optically excited structural transition in atomic wires on surfaces at the quantum limit. Nature, 2017, 544, 207-211.	27.8	99
25	Orientational and Magnetic Ordering of Buckyballs in TDAE-C60. Science, 1995, 268, 400-402.	12.6	95
26	Selective etching of metallic single-wall carbon nanotubes with hydrogen plasma. Nanotechnology, 2005, 16, 278-281.	2.6	95
27	Distinct Pseudogap and Quasiparticle Relaxation Dynamics in the Superconducting State of Nearly Optimally Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SmFeAsO</mml:mi><mml:mn>0.8</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">F</mml:mi><mml:mn>0.2</mml:mn></mml:msub></mml:math>Single Crystals.	7.8	85
28	Single-Particle and Collective Mode Couplings Associated with 1- and 2-Directional Electronic Ordering in Metallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi><mml:msub><mml:mi>Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>(<mml:ma	7.8	82
29	Physical Review Letters, 2008, 101, 246402. Simultaneous Determination of Copper, Lead, and Cadmium Ions at a Mo 6 S 9-x I x Nanowires Modified Glassy Carbon Electrode Using Differential Pulse Anodic Stripping Voltammetry. Electrochimica Acta, 2015, 154, 184-189.	5.2	81
30	Charge Photogeneration in Fewâ€Layer MoS₂. Advanced Functional Materials, 2015, 25, 3351-3358.	14.9	76
31	Carbon nanocoatings on active materials for Li-ion batteries. Journal of the European Ceramic Society, 2007, 27, 909-913.	5.7	75
32	The attainable superconductingTcin a model of phase coherence by percolating. Europhysics Letters, 2002, 57, 254-259.	2.0	74
33	Inorganic molecular wires: Physical and functional properties of transition metal chalco-halide polymers. Progress in Materials Science, 2009, 54, 309-350.	32.8	71
34	Atomic and electronic structure of Mo6S9â^'xIxnanowires. Nanotechnology, 2005, 16, 1578-1583.	2.6	69
35	Quasiparticle dynamics and gap structure inHgBa2Ca2Cu3O8+Îinvestigated with femtosecond spectroscopy. Physical Review B, 2001, 63, .	3.2	65
36	Antiferromagnetic Correlations and Weak Ferromagnetism in aTDAE+â^'C60â^'Single Crystal. Physical Review Letters, 1996, 76, 523-526.	7.8	64

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37	Investigation of Encapsulation and Solvatochromism of Fullerenes in Binary Solvent Mixtures. Journal of Physical Chemistry B, 1999, 103, 11256-11260.	2.6	62
38	Finite wave vector Jahn-Teller pairing and superconductivity in the cuprates. Physical Review B, 2001, 63, .	3.2	61
39	Exciton and charge carrier dynamics in few-layer WS₂. Nanoscale, 2016, 8, 5428-5434.	5.6	61
40	Optical timeâ€ofâ€flight measurement of carrier diffusion and trapping in an InGaAs/InP heterostructure. Applied Physics Letters, 1987, 51, 590-592.	3.3	60
41	Pyroelectric and piezoelectric effects in single crystals of YBa2Cu3O7-Î´. Solid State Communications, 1990, 75, 319-323.	1.9	59
42	Solubility of Mo6S4.5I4.5 nanowires. Chemical Physics Letters, 2005, 401, 13-18.	2.6	55
43	Field-emission properties of molybdenum disulfide nanotubes. Applied Physics Letters, 2003, 82, 4573-4575.	3.3	54
44	Charged Particles on a Two-Dimensional Lattice Subject to Anisotropic Jahn-Teller Interactions. Physical Review Letters, 2005, 94, 147003.	7.8	54
45	Spectroscopic studies of a soluble and stable polyacetylene blend. Synthetic Metals, 1993, 53, 161-174.	3.9	52
46	Ferromagnetism in a cobaltocene-doped fullerene derivative below 19 K due to unpaired spins only on fullerene molecules. Chemical Physics Letters, 1998, 298, 329-334.	2.6	52
47	Mo6S9-xIx Nanowire Recognitive Molecular-Scale Connectivity. Nano Letters, 2007, 7, 1445-1448.	9.1	51
48	Quasiparticle relaxation dynamics in spin-density-wave and superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SmFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> crystals. Physical Review B, 2010, 81, .	3.2	51
49	Intertwined chiral charge orders and topological stabilization of the light-induced state of a prototypical transition metal dichalcogenide. Npj Quantum Materials, 2019, 4, .	5.2	51
50	Tribological properties of Mo?S?I nanowires as additive in oil. Tribology Letters, 2005, 18, 385-393.	2.6	49
51	Electron-phonon coupling and the charge gap of spin-density wave iron-pnictide materials from quasiparticle relaxation dynamics. Physical Review B, 2010, 82, .	3.2	48
52	Anomalous shifts of oxygen-mode frequencies inLa2â^'xSrxCuO4,YBa2Cu3O7â^'Î´andTl2Ba2Ca1â^'xGdxCu2O8studied by photoinduced infrared absorption and Raman spectroscopy. Physical Review B, 1991, 44, 237-241.	3.2	47
53	MAGNETIC RESONANCE INVESTIGATION OF THE MAGNETIC TRANSITION IN TDAE-C60. International Journal of Modern Physics B, 1992, 06, 3947-3951.	2.0	47
54	A systematic study of femtosecond quasiparticle relaxation processes inLa2â^'xSrxCuO4. Physical Review B, 2005, 72, .	3.2	47

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55	Mechanisms of nonthermal destruction of the superconducting state and melting of the charge-density-wave state by femtosecond laser pulses. Physical Review B, 2011, 84, .	3.2	47
56	aâ^'bplane optical conductivity inYBa2Cu3O7â^'Î´above and belowT*. Physical Review B, 1998, 57, 6116-6120.	3.2	46
57	Femtosecond quasiparticle relaxation dynamics and probe polarization anisotropy inYSrxBa2â^'xCu4O8(x=0,0.4). Physical Review B, 2002, 66, .	3.2	46
58	MoS2 nanotube field effect transistors. AIP Advances, 2014, 4, .	1.3	46
59	Quantum jamming transition to a correlated electron glass in 1T-TaS2. Nature Materials, 2019, 18, 1078-1083.	27.5	45
60	Femtosecond data storage, processing, and search using collective excitations of a macroscopic quantum state. Applied Physics Letters, 2002, 80, 871-873.	3.3	44
61	Doping dependence of femtosecond quasiparticle relaxation dynamics in Ba(Fe,Co)2As2single crystals: Evidence for normal-state nematic fluctuations. Physical Review B, 2012, 86, .	3.2	44
62	Anharmonic effects and the two-particle continuum in the Raman spectra ofYBa2Cu3O6.9,TlBa2CaCu2O7, andTl2Ba2CaCu2O8. Physical Review B, 1993, 47, 8910-8916.	3.2	42
63	Observation of van der Waals Driven Self-Assembly of MoSI Nanowires into a Low-Symmetry Structure Using Aberration-Corrected Electron Microscopy. Advanced Materials, 2007, 19, 543-547.	21.0	42
64	Infrared reflection of epitaxial Tl2Ba2CaCu2O8 thin films in the normal and superconducting states. Solid State Communications, 1990, 76, 651-654.	1.9	39
65	Distinct charge and spin gaps in underdopedYBa2Cu3O7â^'Î´from analysis of NMR, neutron scattering, tunneling, and quasiparticle relaxation experiments. Physical Review B, 1999, 60, R6995-R6997.	3.2	39
66	Photoconductivity in insulatingYBa2Cu3O6+x: From Mott-Hubbard insulator to Fermi glass via oxygen doping. Physical Review B, 1993, 48, 7545-7553.	3.2	38
67	Rotational symmetry breaking in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></m by polarized femtosecond spectroscopy. Physical Review B, 2014, 90, .	3.2	37
68	Laser-driven quantum magnonics and terahertz dynamics of the order parameter in antiferromagnets. Physical Review B, 2019, 100, .	3.2	37
69	Anharmonicity and frequency shift of the apex oxygen O(4) Raman mode in Y1Ba2Cu3O7â^'Î´as a function of doping. Solid State Communications, 1990, 74, 753-756.	1.9	36
70	Nanowire transformation and annealing by Joule heating. Nanotechnology, 2010, 21, 165704.	2.6	36
71	Interplay between antiferromagnetic and ferromagnetic phases of TDAE-C60: An ESR study of high-temperature annealed samples. Physical Review B, 1996, 53, R2922-R2925.	3.2	35
72	Transport properties of Mo6S3I6 nanowire networks. Applied Physics Letters, 2006, 88, 173103.	3.3	35

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73	Dispersion and purification of Mo6S3I6 nanowires in organic solvents. Journal of Applied Physics, 2007, 101, 014317.	2.5	35
74	Unusual Magnetic State in Lithium-DopedMoS2Nanotubes. Physical Review Letters, 2003, 90, 146401.	7.8	34
75	Observation of extremely low percolation threshold in MoSI nanowire/polymer composites. Scripta Materialia, 2006, 54, 417-420.	5.2	34
76	Quasiparticle relaxation dynamics in underdoped Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>CaCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>	3.2	34
77	Incoherent Topological Defect Recombination Dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TbTe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2013, 110, 156401.	7.8	34
78	A structural and infrared study of the charge states of tetrakis (dimethylamino)ethylene (TDAE) in TDAE-C60 and (TDAE)(Cl)2. Journal of Chemical Physics, 1999, 110, 3606-3611.	3.0	33
79	Pressure effect in TDAE-C60ferromagnet: Mechanism and polymerization. Physical Review B, 2001, 63, .	3.2	32
80	Signatures of mesoscopic JahnÂTeller polaron inhomogeneities in high-temperature superconductors. Journal of Physics Condensed Matter, 2003, 15, L169-L175.	1.8	32
81	Three-dimensional resistivity and switching between correlated electronic states in 1T-TaS2. Scientific Reports, 2017, 7, 46048.	3.3	32
82	Carrier-relaxation dynamics in intragap states: The case of the superconductorYBa2Cu3O7â^'Î´and the charge-density-wave semiconductorK0.3MoO3. Physical Review B, 2000, 61, 1477-1482.	3.2	31
83	Optical Experimental Evidence for a Universal Length Scale for the Dynamic Charge Inhomogeneity of Cuprate Superconductors. Physical Review Letters, 2005, 94, 207001.	7.8	31
84	Aptamer conjugated Mo6S9â^'I nanowires for direct and highly sensitive electrochemical sensing of thrombin. Biosensors and Bioelectronics, 2011, 26, 1853-1859.	10.1	31
85	Composition, structure and morphology of hybrid acrylate-based solâ€“gel coatings containing Si and Zr composed for protective applications. Surface and Coatings Technology, 2016, 286, 388-396.	4.8	30
86	Complete optical response of the magnetic fullerene derivative tetrakis(dimethylamino)ethylene-C60. Physical Review B, 1995, 51, 1366-1369.	3.2	29
87	Conductivity of single Mo6S9â^'xIxmolecular nanowire bundles. Nanotechnology, 2006, 17, 5142-5146.	2.6	29
88	Photoexcited carrier relaxation and localization inBi2Sr2Ca1â^'yYyCu2O8andYBa2Cu3O7â^'Î´: A study by femtosecond time-resolved spectroscopy. Physical Review B, 1996, 53, 12436-12440.	3.2	28
89	Debundling by dilution: Observation of significant populations of individual MoSI nanowires in high concentration dispersions. Chemical Physics Letters, 2006, 425, 89-93.	2.6	28
90	Optical spectra of wet and dryM-DNA. Physical Review B, 2007, 75, .	3.2	28

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91	Stacking order dynamics in the quasi-two-dimensional dichalcogenide 1T-TaS2 probed with MeV ultrafast electron diffraction. Structural Dynamics, 2017, 4, 044020.	2.3	28
92	Zero and low field ESR of the magnetic transition in TDAE-C60. Solid State Communications, 1994, 90, 543-547.	1.9	27
93	Electrochemical preparation and characterisation of LizMoS2â˜x nanotubes. Electrochimica Acta, 2003, 48, 3079-3084.	5.2	27
94	Bioassembled Nanocircuits of Mo6S9â˜xIx Nanowires for Electrochemical Immunodetection of Estrone Hapten. Analytical Chemistry, 2008, 80, 3593-3597.	6.5	27
95	Separating pairing from quantum phase coherence dynamics above the superconducting transition by femtosecond spectroscopy. Scientific Reports, 2014, 4, 5656.	3.3	27
96	Real-time observation of the coherent transition to a metastable emergent state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mo>â˜</mml:m mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	27
97	Ultrafast Dynamics of Photoexcited States in C ₆₀. Europhysics Letters, 1994, 25, 403-408.	2.0	26
98	Manifestations of mesoscopic Jahn-Teller real-space pairing and clustering inYBa2Cu3O7â˜Î´. Physical Review B, 2002, 65, .	3.2	26
99	Femtosecond Carrier Relaxation Dynamics and Photoinduced Phase Separation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>I</mml:mi><mml:mtext mathvariant="normal">â˜</mml:mtext><mml:mo stretchy="false">(</mml:mo><mml:mi>BEDT</mml:mi><mml:mtext) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50.117 Td (mathvariant stretch	7.1	26
100	Evidence for carrier localization in the pseudogap state of cuprate superconductors from coherent quench experiments. Nature Communications, 2015, 6, 6958.	12.8	26
101	Nanomechanical Investigation of Mo₆S_{9â˜’x}I_x Nanowire Bundles. Small, 2007, 3, 1544-1548.	10.0	25
102	Two-terminal nanoelectromechanical bistable switches based on molybdenumâ€“sulfurâ€“iodine molecular wire bundles. Nanotechnology, 2010, 21, 125706.	2.6	25
103	Nonequilibrium optical control of dynamical states in superconducting nanowire circuits. Science Advances, 2018, 4, eaao0043.	10.3	25
104	Proton NMR of the magnetic transition in TDAE-C60. Solid State Communications, 1994, 89, 487-491.	1.9	24
105	Photoexcited carrier relaxation inYBa2Cu3O7â˜Î´by picosecond resonant Raman spectroscopy. Physical Review B, 1997, 55, 6061-6069.	3.2	24
106	Quantum charge transport in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mn>6</mml:mn><mml:mn>2</mml:mn></mml:msub> wire circuits. Physical Review B, 2009, 80, .	3.2	24
107	Thionin attached to a gold electrode modified with self-assembly of Mo6S9â˜’I nanowires for amplified electrochemical detection of natural DNA. Biosensors and Bioelectronics, 2011, 26, 1866-1870.	10.1	24
108	Transitions between photoinduced macroscopic quantum states in 1T-TaS₂controlled by substrate strain. Applied Physics Express, 2014, 7, 103201.	2.4	24

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109	Raman and infrared study of lattice vibrations in the high-Tc ceramics superconductor La2-xSrxCuO4. Solid State Communications, 1987, 64, 297-300.	1.9	23
110	Characterization of the pyroelectric effect inYBa2Cu3O7â^'Î´. Physical Review B, 1993, 48, 16634-16640.	3.2	23
111	Atomic force microscope study of photo-polymerized and photo-dimerized epitaxial C60 films. Applied Physics Letters, 1997, 70, 417-419.	3.3	23
112	Î¼ SR studies of organic and molecular magnets. Polyhedron, 2003, 22, 1973-1980.	2.2	23
113	Accurate Structure Determination of Mo6Sylz Nanowires from Atomic Pair Distribution Function (PDF) Analysis. Chemistry of Materials, 2006, 18, 100-106.	6.7	23
114	Nonlinear elastic and electronic properties ofMo6S3I6nanowires. Physical Review B, 2006, 74, .	3.2	23
115	Coexistence of ferromagnetism and superconductivity in iron based pnictides: a time resolved magnetooptical study. Scientific Reports, 2015, 5, 7754.	3.3	23
116	Electrical Conductivity in Dynamically Orientationally Disordered Systems: ac and dc Measurements in Ferromagnetic Single Crystals of TDAE-C60. Physical Review Letters, 1996, 77, 2045-2048.	7.8	22
117	Fermi electron wave packet interference images on carbon nanotubes at room temperature. Applied Physics Letters, 2001, 78, 808-810.	3.3	22
118	Hole Interactions with Molecular Vibrations on DNA. Physical Review Letters, 2004, 93, 218101.	7.8	22
119	Field emission of point-electron source Mo6S3I6nanowires. Nanotechnology, 2005, 16, 1619-1622.	2.6	22
120	Strong Correlations in Highly Electron-Doped Zn(II)-DNA Complexes. Physical Review Letters, 2010, 104, 156804.	7.8	22
121	Ferroelectricity in YBa2Cu3O7â^'Î´ and La2CuO4+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 781-782.	1.2	21
122	Electron spin resonance of doped chalcogenide nanotubes. Physical Review B, 2003, 67, .	3.2	21
123	Self-organization of charged particles on a two-dimensional lattice subject to anisotropic Jahn-Teller-type interaction and three-dimensional Coulomb repulsion. Physical Review B, 2007, 76, .	3.2	21
124	Evidence for crossover from a Bose-Einstein condensate to a BCS-like superconductor with doping in YBa2Cu3O7 â^' Î´from quasiparticle relaxation dynamics experiments. Europhysics Letters, 1999, 45, 381-386.	2.0	20
125	Low temperature structural analysis of a TDAEÂ·C60 crystal. Chemical Communications, 1999, , 1511-1512.	4.1	20
126	Photoinduced infrared absorption in(La1â^'xSrxMn)1â^'Î´O3:Changes of the small polaron binding energy with doping. Physical Review B, 2000, 61, 15102-15107.	3.2	20

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127	An effective surfactant-free isolation procedure for single-wall carbon nanotubes. Carbon, 2002, 40, 2581-2585.	10.3	20
128	Controlling Disorder and Superconductivity in Titanium Oxynitride Nanoribbons with Anion Exchange. ACS Nano, 2015, 9, 10133-10141.	14.6	20
129	Charge trapping and coalescence dynamics in few layer MoS ₂. 2D Materials, 2018, 5, 015011.	4.4	20
130	A time-domain phase diagram of metastable states in a charge ordered quantum material. Nature Communications, 2021, 12, 2323.	12.8	20
131	Raman spectra on TDAE-C60single crystals. Physical Review B, 1997, 55, 3757-3762.	3.2	19
132	Divergence of the quasiparticle lifetime with doping and evidence for pre-formed pairs below T* in YBa2Cu3O7â˜'Î´. Journal of Physics and Chemistry of Solids, 1998, 59, 1937-1941.	4.0	19
133	Mo6S9â˜'xIx nanowires as additives for enhanced organic solar cell performance. Solar Energy Materials and Solar Cells, 2014, 127, 63-66.	6.2	19
134	Unconventional electroabsorption in monolayer MoS ₂. 2D Materials, 2017, 4, 021005.	4.4	19
135	Antiferrodistortive structural phase transition in the Jahn-Teller system DyKMo2O8. I. Raman scattering and infrared absorption studies. Journal of Physics C: Solid State Physics, 1987, 20, 3047-3061.	1.5	18
136	Symmetry-specific electron-phonon coupling for electronic states near the Fermi energy of metallic polyaniline: resonant Raman scattering. Synthetic Metals, 1994, 62, 107-112.	3.9	18
137	Inorganic Molecular-Scale MoSI Nanowire-Gold Nanoparticle Networks Exhibit Self-Organized Critical Self-Assembly. Nano Letters, 2009, 9, 1091-1095.	9.1	18
138	Pulsed ESR Study of the Magnetic Transition in TDAE-C ₆₀. Europhysics Letters, 1994, 26, 707-711.	2.0	17
139	Evidence for polaronic states in metallic YBa2Cu3O6.9 and La1.85Sr0.15CuO4 from ultrafast phonon Raman spectroscopy. Physica B: Condensed Matter, 1996, 219-220, 142-144.	2.7	17
140	Critical phenomena and femtosecond ordering dynamics associated with electronic and spin-ordered phases inYVO3andGdVO3. Physical Review B, 2010, 81, .	3.2	17
141	Composites of poly(Îµâ€²caprolactone) and Mo₆S₃I₆ Nanowires. Polymers for Advanced Technologies, 2012, 23, 149-160.	3.2	17
142	Room-temperature oxygen diffusion and ordering inYBa2Cu3O7â˜'ystudied with time-resolved Raman spectroscopy. Physical Review B, 1990, 42, 393-398.	3.2	16
143	Origin of different critical temperatures in oxide superconductors: A comparison of (Tl,Cd)2(Ba,La)2CuO6with (La,Ba)2CuO4by Raman and infrared-absorption spectroscopy. Physical Review B, 1992, 45, 8016-8020.	3.2	16
144	Critical Exponents at the Ferromagnetic Transition in Tetrakis(dimethylamino)ethylene-C60(TDAE-C60). Physical Review Letters, 2001, 87, 177205.	7.8	16

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145	Structural and mechanical properties of MoS2â€“Ix nanotubes and Mo6SxIy nanowires. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 684-688.	2.7	16
146	Two-channel electrical conduction in air-stable monodispersed Mo6S3I6 nanowire sheets. Journal of Applied Physics, 2006, 99, 064311.	2.5	16
147	Exfoliation of Mo6SxI9-xnanowires in common solvents. EPJ Applied Physics, 2007, 37, 149-159.	0.7	16
148	A Novel Hydrogen Peroxide Amperometric Sensor based on Thionin Incorporated onto a Mo₆S_{9â€‹x}I_x Nanowire Modified Glassy Carbon Electrode. Electroanalysis, 2009, 21, 2602-2606.	2.9	16
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