

D Mihailovic

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370
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79
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405
ext. papers

9,287
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
370	Self-assembly of subnanometer-diameter single-wall MoS ₂ nanotubes. <i>Science</i> , 2001 , 292, 479-81	33.3	449
369	Ultrafast switching to a stable hidden quantum state in an electronic crystal. <i>Science</i> , 2014 , 344, 177-80	33.3	340
368	Quasiparticle relaxation dynamics in superconductors with different gap structures: Theory and experiments on YBa ₂ Cu ₃ O ₇ ∓. <i>Physical Review B</i> , 1999 , 59, 1497-1506	3.3	241
367	Superconducting Gap ∓, the Pseudogap β, and Pair Fluctuations above T _c in Overdoped Y _{1-x} CaxBa ₂ Cu ₃ O ₇ ∓ from Femtosecond Time-Domain Spectroscopy. <i>Physical Review Letters</i> , 1999 , 82, 4918-4921	7.4	236
366	Ultrafast optical spectroscopy of strongly correlated materials and high-temperature superconductors: a non-equilibrium approach. <i>Advances in Physics</i> , 2016 , 65, 58-238	18.4	230
365	Dichalcogenide Nanotube Electrodes for Li-Ion Batteries. <i>Advanced Materials</i> , 2002 , 14, 1531-1534	24	189
364	Single Particle and Collective Excitations in the One-Dimensional Charge Density Wave Solid K _{0.3} MoO ₃ Probed in Real Time by Femtosecond Spectroscopy. <i>Physical Review Letters</i> , 1999 , 83, 800-803	7.4	181
363	Application of the polaron-transport theory to sigma (omega) in Tl ₂ Ba ₂ Ca _{1-x} GdxCu ₂ O ₈ , YBa ₂ Cu ₃ O ₇ - delta, and La _{2-x} SrxCuO ₄ . <i>Physical Review B</i> , 1990 , 42, 7989-7993	3.3	167
362	Coherent dynamics of macroscopic electronic order through a symmetry breaking transition. <i>Nature Physics</i> , 2010 , 6, 681-684	16.2	158
361	Evidence for Two-Component High-Temperature Superconductivity in the Femtosecond Optical Response of YBa ₂ Cu ₃ O ₇ ∓. <i>Physical Review Letters</i> , 1997 , 78, 2212-2215	7.4	154
360	Origin of ferromagnetic exchange interactions in a fullerene-organic compound. <i>Nature</i> , 2000 , 407, 883-5	50.4	141
359	Substitution effects on bipolarons in alkoxy derivatives of poly(1,4-phenylene-vinylene). <i>Physical Review B</i> , 1991 , 43, 5109-5118	3.3	115
358	Electron-phonon coupling in high-temperature cuprate superconductors determined from electron relaxation rates. <i>Physical Review Letters</i> , 2010 , 105, 257001	7.4	112
357	Shear and Young's Moduli of MoS ₂ Nanotube Ropes. <i>Advanced Materials</i> , 2003 , 15, 733-736	24	108
356	Air-stable monodispersed Mo ₆ S ₄ I ₆ nanowires. <i>Nanotechnology</i> , 2004 , 15, 635-638	3.4	107
355	Fast electronic resistance switching involving hidden charge density wave states. <i>Nature Communications</i> , 2016 , 7, 11442	17.4	106
354	Solubility of Mo ₆ S ₄ I _{4.5} nanowires in common solvents: a sedimentation study. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 7124-33	3.4	102

353	Kinetics of a superconductor excited with a femtosecond optical pulse. <i>Physical Review Letters</i> , 2005 , 95, 147002	7.4	101
352	Femtosecond snapshots of gap-forming charge-density-wave correlations in quasi-two-dimensional dichalcogenides 1T-TaS ₂ and 2H-TaSe ₂ . <i>Physical Review B</i> , 2002 , 66,	3.3	96
351	Controlled vaporization of the superconducting condensate in cuprate superconductors by femtosecond photoexcitation. <i>Physical Review Letters</i> , 2008 , 101, 227001	7.4	93
350	Addition of Carbon Radicals Generated from Organic Peroxides to Single Wall Carbon Nanotubes. <i>Chemistry of Materials</i> , 2003 , 15, 4751-4755	9.6	91
349	Controlling the metal-to-insulator relaxation of the metastable hidden quantum state in 1T-TaS ₂ . <i>Science Advances</i> , 2015 , 1, e1500168	14.3	90
348	Orientalional and Magnetic Ordering of Buckyballs in TDAE-C60. <i>Science</i> , 1995 , 268, 400-2	33.3	89
347	Selective etching of metallic single-wall carbon nanotubes with hydrogen plasma. <i>Nanotechnology</i> , 2005 , 16, 278-81	3.4	87
346	A high-temperature quantum spin liquid with polaron spins. <i>Nature Physics</i> , 2017 , 13, 1130-1134	16.2	83
345	Optically excited structural transition in atomic wires on surfaces at the quantum limit. <i>Nature</i> , 2017 , 544, 207-211	50.4	77
344	Distinct pseudogap and quasiparticle relaxation dynamics in the superconducting state of nearly optimally doped SmFeAsO _{0.8} F _{0.2} single crystals. <i>Physical Review Letters</i> , 2009 , 102, 117002	7.4	77
343	Simultaneous Determination of Copper, Lead, and Cadmium Ions at a Mo ₆ S ₉ -x Nanowires Modified Glassy Carbon Electrode Using Differential Pulse Anodic Stripping Voltammetry. <i>Electrochimica Acta</i> , 2015 , 154, 184-189	6.7	70
342	Charge Photogeneration in Few-Layer MoS ₂ . <i>Advanced Functional Materials</i> , 2015 , 25, 3351-3358	15.6	68
341	Inorganic molecular wires: Physical and functional properties of transition metal chalcogenide polymers. <i>Progress in Materials Science</i> , 2009 , 54, 309-350	42.2	68
340	Atomic and electronic structure of Mo ₆ S ₉ -x nanowires. <i>Nanotechnology</i> , 2005 , 16, 1578-1583	3.4	66
339	Carbon nanocoatings on active materials for Li-ion batteries. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 909-913	6	65
338	The attainable superconducting T _c in a model of phase coherence by percolating. <i>Europhysics Letters</i> , 2002 , 57, 254-259	1.6	64
337	Single-particle and collective mode couplings associated with 1- and 2-directional electronic ordering in metallic RTe ₃ (R=Ho,Dy,Tb). <i>Physical Review Letters</i> , 2008 , 101, 246402	7.4	63
336	Antiferromagnetic correlations and weak ferromagnetism in a TDAE-C60 - single crystal. <i>Physical Review Letters</i> , 1996 , 76, 523-526	7.4	61

335	Investigation of Encapsulation and Solvatochromism of Fullerenes in Binary Solvent Mixtures. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 11256-11260	3.4	60
334	Quasiparticle dynamics and gap structure in HgBa ₂ Ca ₂ Cu ₃ O ₈ investigated with femtosecond spectroscopy. <i>Physical Review B</i> , 2001 , 63,	3.3	59
333	Pyroelectric and piezoelectric effects in single crystals of YBa ₂ Cu ₃ O ₇ - δ <i>Solid State Communications</i> , 1990 , 75, 319-323	1.6	57
332	Finite wave vector Jahn-Teller pairing and superconductivity in the cuprates. <i>Physical Review B</i> , 2001 , 63,	3.3	54
331	Optical time-of-flight measurement of carrier diffusion and trapping in an InGaAs/InP heterostructure. <i>Applied Physics Letters</i> , 1987 , 51, 590-592	3.4	54
330	Solubility of Mo ₆ S ₄ Si _{4.5} nanowires. <i>Chemical Physics Letters</i> , 2005 , 401, 13-18	2.5	53
329	Exciton and charge carrier dynamics in few-layer WS ₂ . <i>Nanoscale</i> , 2016 , 8, 5428-34	7.7	47
328	Quasiparticle relaxation dynamics in spin-density-wave and superconducting SmFeAsO _{1-x} F _x single crystals. <i>Physical Review B</i> , 2010 , 81,	3.3	47
327	Mo ₆ S ₉ -xI _x nanowire cognitive molecular-scale connectivity. <i>Nano Letters</i> , 2007 , 7, 1445-8	11.5	47
326	Charged particles on a two-dimensional lattice subject to anisotropic Jahn-Teller interactions. <i>Physical Review Letters</i> , 2005 , 94, 147003	7.4	47
325	Field-emission properties of molybdenum disulfide nanotubes. <i>Applied Physics Letters</i> , 2003 , 82, 4573-4575	3.4	47
324	Tribological properties of MoS ₂ nanowires as additive in oil. <i>Tribology Letters</i> , 2005 , 18, 385-393	2.8	47
323	MAGNETIC RESONANCE INVESTIGATION OF THE MAGNETIC TRANSITION IN TDAE-C60. <i>International Journal of Modern Physics B</i> , 1992 , 06, 3947-3951	1.1	47
322	Anomalous shifts of oxygen-mode frequencies in La _{2-x} Sr _x CuO ₄ , YBa ₂ Cu ₃ O ₇ - δ and Tl ₂ Ba ₂ Ca _{1-x} Gd _x Cu ₂ O ₈ studied by photoinduced infrared absorption and Raman spectroscopy. <i>Physical Review B</i> , 1991 , 44, 237-241	3.3	46
321	Spectroscopic studies of a soluble and stable polyacetylene blend. <i>Synthetic Metals</i> , 1993 , 53, 161-174	3.6	44
320	A systematic study of femtosecond quasiparticle relaxation processes in La _{2-x} Sr _x CuO ₄ . <i>Physical Review B</i> , 2005 , 72,	3.3	43
319	Ferromagnetism in a cobaltocene-doped fullerene derivative below 19 K due to unpaired spins only on fullerene molecules. <i>Chemical Physics Letters</i> , 1998 , 298, 329-334	2.5	42
318	a _B plane optical conductivity in YBa ₂ Cu ₃ O ₇ above and below T*. <i>Physical Review B</i> , 1998 , 57, 6116-6120	3.3	42

317	Electron-phonon coupling and the charge gap of spin-density wave iron-pnictide materials from quasiparticle relaxation dynamics. <i>Physical Review B</i> , 2010 , 82,	3-3	41
316	Observation of van der Waals Driven Self-Assembly of MoSI Nanowires into a Low-Symmetry Structure Using Aberration-Corrected Electron Microscopy. <i>Advanced Materials</i> , 2007 , 19, 543-547	24	41
315	Femtosecond data storage, processing, and search using collective excitations of a macroscopic quantum state. <i>Applied Physics Letters</i> , 2002 , 80, 871-873	3-4	40
314	Femtosecond quasiparticle relaxation dynamics and probe polarization anisotropy in $YSr_xBa_{2-x}Cu_4O_8$ ($x=0,0.4$). <i>Physical Review B</i> , 2002 , 66,	3-3	39
313	Anharmonic effects and the two-particle continuum in the Raman spectra of $YBa_2Cu_3O_{6.9}$, $TlBa_2CaCu_2O_7$, and $Tl_2Ba_2CaCu_2O_8$. <i>Physical Review B</i> , 1993 , 47, 8910-8916	3-3	38
312	MoS2 nanotube field effect transistors. <i>AIP Advances</i> , 2014 , 4, 097114	1.5	37
311	Doping dependence of femtosecond quasiparticle relaxation dynamics in $Ba(Fe,Co)_2As_2$ single crystals: Evidence for normal-state nematic fluctuations. <i>Physical Review B</i> , 2012 , 86,	3-3	37
310	Photoconductivity in insulating $YBa_2Cu_3O_{6+x}$: From Mott-Hubbard insulator to Fermi glass via oxygen doping. <i>Physical Review B</i> , 1993 , 48, 7545-7553	3-3	36
309	Anharmonicity and frequency shift of the apex oxygen O(4) Raman mode in $Y_1Ba_2Cu_3O_{7-x}$ as a function of doping. <i>Solid State Communications</i> , 1990 , 74, 753-756	1.6	36
308	Nanowire transformation and annealing by Joule heating. <i>Nanotechnology</i> , 2010 , 21, 165704	3-4	35
307	Mechanisms of nonthermal destruction of the superconducting state and melting of the charge-density-wave state by femtosecond laser pulses. <i>Physical Review B</i> , 2011 , 84,	3-3	35
306	Distinct charge and spin gaps in underdoped $YBa_2Cu_3O_{7-x}$: From analysis of NMR, neutron scattering, tunneling, and quasiparticle relaxation experiments. <i>Physical Review B</i> , 1999 , 60, R6995-R6997	3-3	35
305	Transport properties of $Mo_6S_3I_6$ nanowire networks. <i>Applied Physics Letters</i> , 2006 , 88, 173103	3-4	34
304	Interplay between antiferromagnetic and ferromagnetic phases of TDAE-C60: An ESR study of high-temperature annealed samples. <i>Physical Review B</i> , 1996 , 53, R2922-R2925	3-3	34
303	Infrared reflection of epitaxial $Tl_2Ba_2CaCu_2O_8$ thin films in the normal and superconducting states. <i>Solid State Communications</i> , 1990 , 76, 651-654	1.6	34
302	Observation of extremely low percolation threshold in MoSI nanowire/polymer composites. <i>Scripta Materialia</i> , 2006 , 54, 417-420	5.6	33
301	Dispersion and purification of $Mo_6S_3I_6$ nanowires in organic solvents. <i>Journal of Applied Physics</i> , 2007 , 101, 014317	2.5	33
300	A structural and infrared study of the charge states of tetrakis (dimethylamino)ethylene (TDAE) in TDAE-C60 and (TDAE)(Cl) ₂ . <i>Journal of Chemical Physics</i> , 1999 , 110, 3606-3611	3-9	32

- 299 Pressure effect in TDAE-C60 ferromagnet: Mechanism and polymerization. *Physical Review B*, **2001**, 63, 3-3 31
- 298 Rotational symmetry breaking in Bi₂Sr₂CaCu₂O₈+ δ probed by polarized femtosecond spectroscopy. *Physical Review B*, **2014**, 90, 3-3 30
- 297 Incoherent topological defect recombination dynamics in TbTe₃. *Physical Review Letters*, **2013**, 110, 156401 30
- 296 Signatures of mesoscopic Jahn-Teller polaron inhomogeneities in high-temperature superconductors. *Journal of Physics Condensed Matter*, **2003**, 15, L169-L175 1.8 30
- 295 Three-dimensional resistivity and switching between correlated electronic states in 1T-TaS. *Scientific Reports*, **2017**, 7, 46048 4-9 29
- 294 Aptamer conjugated Mo₆S_{9-x}I_x nanowires for direct and highly sensitive electrochemical sensing of thrombin. *Biosensors and Bioelectronics*, **2011**, 26, 1853-9 11.8 29
- 293 Optical experimental evidence for a universal length scale for the dynamic charge inhomogeneity of cuprate superconductors. *Physical Review Letters*, **2005**, 94, 207001 7-4 29
- 292 Complete optical response of the magnetic fullerene derivative tetrakis(dimethylamino)ethylene-C60. *Physical Review B*, **1995**, 51, 1366-1369 3-3 29
- 291 Carrier-relaxation dynamics in intragap states: The case of the superconductor YBa₂Cu₃O_{7- δ} and the charge-density-wave semiconductor K_{0.3}MoO₃. *Physical Review B*, **2000**, 61, 1477-1482 3-3 28
- 290 Quasiparticle relaxation dynamics in underdoped Bi₂Sr₂CaCu₂O₈+ δ by two-color pump-probe spectroscopy. *Physical Review B*, **2011**, 84, 3-3 27
- 289 Conductivity of single Mo₆S_{9-x}I_x molecular nanowire bundles. *Nanotechnology*, **2006**, 17, 5142-5146 3-4 27
- 288 Debundling by dilution: Observation of significant populations of individual MoSI nanowires in high concentration dispersions. *Chemical Physics Letters*, **2006**, 425, 89-93 2-5 27
- 287 Unusual magnetic state in lithium-doped MoS₂ nanotubes. *Physical Review Letters*, **2003**, 90, 146401 7-4 27
- 286 Photoexcited carrier relaxation and localization in Bi₂Sr₂Ca_{1-y}Y_yCu₂O₈ and YBa₂Cu₃O_{7- δ} : A study by femtosecond time-resolved spectroscopy. *Physical Review B*, **1996**, 53, 12436-12440 3-3 27
- 285 Zero and low field ESR of the magnetic transition in TDAE-C60. *Solid State Communications*, **1994**, 90, 543-547 1-6 26
- 284 Separating pairing from quantum phase coherence dynamics above the superconducting transition by femtosecond spectroscopy. *Scientific Reports*, **2014**, 4, 5656 4-9 25
- 283 Two-terminal nanoelectromechanical bistable switches based on molybdenum-sulfur-iodine molecular wire bundles. *Nanotechnology*, **2010**, 21, 125706 3-4 25
- 282 Nanomechanical investigation of Mo₆S_{9-x}I_x nanowire bundles. *Small*, **2007**, 3, 1544-8 11 25

281	Bioassembled nanocircuits of Mo ₆ S _{9-x} l _x nanowires for electrochemical immunodetection of estrone Hapten. <i>Analytical Chemistry</i> , 2008 , 80, 3593-7	7.8	24
280	Manifestations of mesoscopic Jahn-Teller real-space pairing and clustering in YBa ₂ Cu ₃ O _{7-δ} <i>Physical Review B</i> , 2002 , 65,	3.3	24
279	Thionin attached to a gold electrode modified with self-assembly of Mo ₆ (S _{9-x})I _x nanowires for amplified electrochemical detection of natural DNA. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 1866-70	11.8	23
278	Nonlinear elastic and electronic properties of Mo ₆ S ₃ I ₃ nanowires. <i>Physical Review B</i> , 2006 , 74,	3.3	23
277	Optical spectra of wet and dry M-DNA. <i>Physical Review B</i> , 2007 , 75,	3.3	23
276	Electrochemical preparation and characterisation of Li ₂ MoS ₂ nanotubes. <i>Electrochimica Acta</i> , 2003 , 48, 3079-3084	6.7	23
275	Ultrafast Dynamics of Photoexcited States in C 60. <i>Europhysics Letters</i> , 1994 , 25, 403-408	1.6	23
274	Intertwined chiral charge orders and topological stabilization of the light-induced state of a prototypical transition metal dichalcogenide. <i>Npj Quantum Materials</i> , 2019 , 4,	5	22
273	Composition, structure and morphology of hybrid acrylate-based sol-gel coatings containing Si and Zr composed for protective applications. <i>Surface and Coatings Technology</i> , 2016 , 286, 388-396	4.4	22
272	Quantum jamming transition to a correlated electron glass in 1T-TaS ₂ . <i>Nature Materials</i> , 2019 , 18, 1078-1083	10.3	22
271	Accurate Structure Determination of Mo ₆ S ₉ l ₃ Nanowires from Atomic Pair Distribution Function (PDF) Analysis. <i>Chemistry of Materials</i> , 2006 , 18, 100-106	9.6	22
270	Hole interactions with molecular vibrations on DNA. <i>Physical Review Letters</i> , 2004 , 93, 218101	7.4	22
269	Proton NMR of the magnetic transition in TDAE-C60. <i>Solid State Communications</i> , 1994 , 89, 487-491	1.6	22
268	Photoexcited carrier relaxation in YBa ₂ Cu ₃ O _{7-δ} by picosecond resonant Raman spectroscopy. <i>Physical Review B</i> , 1997 , 55, 6061-6069	3.3	21
267	BR studies of organic and molecular magnets. <i>Polyhedron</i> , 2003 , 22, 1973-1980	2.7	21
266	Field emission of point-electron source Mo ₆ S ₃ I ₃ nanowires. <i>Nanotechnology</i> , 2005 , 16, 1619-1622	3.4	21
265	Characterization of the pyroelectric effect in YBa ₂ Cu ₃ O _{7-δ} . <i>Physical Review B</i> , 1993 , 48, 16634-16640	4.0	21
264	Raman and infrared study of lattice vibrations in the high-T _c ceramics superconductor La _{2-x} Sr _x CuO ₄ . <i>Solid State Communications</i> , 1987 , 64, 297-300	1.6	21

263	Stacking order dynamics in the quasi-two-dimensional dichalcogenide 1-TaS probed with MeV ultrafast electron diffraction. <i>Structural Dynamics</i> , 2017 , 4, 044020	3.2	20
262	Laser-driven quantum magnonics and terahertz dynamics of the order parameter in antiferromagnets. <i>Physical Review B</i> , 2019 , 100,	3.3	20
261	Atomic force microscope study of photo-polymerized and photo-dimerized epitaxial C60 films. <i>Applied Physics Letters</i> , 1997 , 70, 417-419	3.4	20
260	Fermi electron wave packet interference images on carbon nanotubes at room temperature. <i>Applied Physics Letters</i> , 2001 , 78, 808-810	3.4	20
259	Low temperature structural analysis of a TDAE-C60 crystal. <i>Chemical Communications</i> , 1999 , 1511-1512	5.8	20
258	Ferroelectricity in YBa2Cu3O7 and La2CuO4 single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 781-782	1.3	20
257	Quantum charge transport in Mo6S16 molecular wire circuits. <i>Physical Review B</i> , 2009 , 80,	3.3	19
256	Raman spectra on TDAE-C60 single crystals. <i>Physical Review B</i> , 1997 , 55, 3757-3762	3.3	19
255	Electron spin resonance of doped chalcogenide nanotubes. <i>Physical Review B</i> , 2003 , 67,	3.3	19
254	Evidence for crossover from a Bose-Einstein condensate to a BCS-like superconductor with doping in YBa2Cu3O7 from quasiparticle relaxation dynamics experiments. <i>Europhysics Letters</i> , 1999 , 45, 381-386	1.6	19
253	Electrical Conductivity in Dynamically Orientationally Disordered Systems: ac and dc Measurements in Ferromagnetic Single Crystals of TDAE-C60. <i>Physical Review Letters</i> , 1996 , 77, 2045-2048	7.4	19
252	Controlling Disorder and Superconductivity in Titanium Oxynitride Nanoribbons with Anion Exchange. <i>ACS Nano</i> , 2015 , 9, 10133-41	16.7	18
251	Real-time observation of the coherent transition to a metastable emergent state in 1T-TaS2. <i>Physical Review B</i> , 2018 , 97,	3.3	18
250	Charge trapping and coalescence dynamics in few layer MoS2. <i>2D Materials</i> , 2018 , 5, 015011	5.9	18
249	Transitions between photoinduced macroscopic quantum states in 1T-TaS2 controlled by substrate strain. <i>Applied Physics Express</i> , 2014 , 7, 103201	2.4	18
248	Femtosecond carrier relaxation dynamics and photoinduced phase separation in [BEDT-TTF]2Cu[N(CN)2]X (X=Br,Cl). <i>Physical Review Letters</i> , 2011 , 107, 227002	7.4	18
247	Strong correlations in highly electron-doped Zn(II)-DNA complexes. <i>Physical Review Letters</i> , 2010 , 104, 156804	7.4	18
246	Inorganic molecular-scale MoSI nanowire-gold nanoparticle networks exhibit self-organized critical self-assembly. <i>Nano Letters</i> , 2009 , 9, 1091-5	11.5	18

245	Self-organization of charged particles on a two-dimensional lattice subject to anisotropic Jahn-Teller-type interaction and three-dimensional Coulomb repulsion. <i>Physical Review B</i> , 2007 , 76,	3.3	18
244	Symmetry-specific electron-phonon coupling for electronic states near the Fermi energy of metallic polyaniline: resonant Raman scattering. <i>Synthetic Metals</i> , 1994 , 62, 107-112	3.6	18
243	Antiferrodistortive structural phase transition in the Jahn-Teller system DyKMo ₂ O ₈ . I. Raman scattering and infrared absorption studies. <i>Journal of Physics C: Solid State Physics</i> , 1987 , 20, 3047-3061		18
242	Nonequilibrium optical control of dynamical states in superconducting nanowire circuits. <i>Science Advances</i> , 2018 , 4, eaao0043	14.3	17
241	Coexistence of ferromagnetism and superconductivity in iron based pnictides: a time resolved magneto-optical study. <i>Scientific Reports</i> , 2015 , 5, 7754	4.9	17
240	An effective surfactant-free isolation procedure for single-wall carbon nanotubes. <i>Carbon</i> , 2002 , 40, 2581-2585	10.4	17
239	Evidence for carrier localization in the pseudogap state of cuprate superconductors from coherent quench experiments. <i>Nature Communications</i> , 2015 , 6, 6958	17.4	16
238	MoS ₂ /SiO ₂ nanowires as additives for enhanced organic solar cell performance. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 127, 63-66	6.4	16
237	A Novel Hydrogen Peroxide Amperometric Sensor based on Thionin Incorporated onto a MoS ₂ /SiO ₂ Nanowire Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2009 , 21, 2602-2606	3	16
236	Divergence of the quasiparticle lifetime with doping and evidence for pre-formed pairs below T* in YBa ₂ Cu ₃ O _{7-δ} —Direct measurements by femtosecond time-resolved spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 1937-1941	3.9	16
235	Two-channel electrical conduction in air-stable monodispersed MoS ₂ /SiO ₂ nanowire sheets. <i>Journal of Applied Physics</i> , 2006 , 99, 064311	2.5	16
234	Structural and mechanical properties of MoS ₂ /SiO ₂ nanotubes and MoS ₂ /SiO ₂ nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 29, 684-688	3	16
233	Photoinduced infrared absorption in (La _{1-x} Sr _x Mn) _{1-δ} O ₃ : Changes of the small polaron binding energy with doping. <i>Physical Review B</i> , 2000 , 61, 15102-15107	3.3	16
232	Evidence for polaronic states in metallic YBa ₂ Cu ₃ O _{6.9} and La _{1.85} Sr _{0.15} CuO ₄ from ultrafast phonon Raman spectroscopy. <i>Physica B: Condensed Matter</i> , 1996 , 219-220, 142-144	2.8	16
231	Origin of different critical temperatures in oxide superconductors: A comparison of (Tl,Cd) ₂ (Ba,Lu) ₂ CuO ₆ with (La,Ba) ₂ CuO ₄ by Raman and infrared-absorption spectroscopy. <i>Physical Review B</i> , 1992 , 45, 8016-8020	3.3	16
230	Composites of poly(ϵ -caprolactone) and MoS ₂ /SiO ₂ Nanowires. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 149-160	3.2	15
229	Exfoliation of MoS ₂ /SiO ₂ nanowires in common solvents. <i>EPJ Applied Physics</i> , 2007 , 37, 149-159	1.1	15
228	Nonlinear optical response of MoS ₂ /SiO ₂ nanowires. <i>Chemical Physics Letters</i> , 2007 , 435, 109-113	2.5	15

227	Critical exponents at the ferromagnetic transition in tetrakis(dimethylamino)ethylene-C(60) (TDAE-C(60)). <i>Physical Review Letters</i> , 2001 , 87, 177205	7.4	15
226	Correlations between bond lengths, T_c , and O vibration frequencies: Raman-scattering and infrared-absorption study of the 1:2:1:2 structure (Ca _{1-y} Y _y)Sr ₂ (Tl _{0.5} Pb _{0.5})Cu ₂ O ₇ as a function of doping. <i>Physical Review B</i> , 1993 , 47, 12104-12109	3.3	15
225	Pulsed ESR Study of the Magnetic Transition in TDAE-C 60. <i>Europhysics Letters</i> , 1994 , 26, 707-711	1.6	15
224	Room-temperature oxygen diffusion and ordering in YBa ₂ Cu ₃ O _{7-y} studied with time-resolved Raman spectroscopy. <i>Physical Review B</i> , 1990 , 42, 393-398	3.3	15
223	Zigzag disclination in uniaxial nematic phases : study in capillary tubes. <i>Journal De Physique</i> , 1988 , 49, 1467-1475		15
222	Unconventional electroabsorption in monolayer MoS ₂ . <i>2D Materials</i> , 2017 , 4, 021005	5.9	14
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