

# Yoshi Tokura

## List of Publications by Year in Descending Order

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

1,560 papers	121,877 citations	157 h-index	305 g-index
1,647 ext. papers	134,065 ext. citations	6.4 avg, IF	8.47 L-index

#	Paper	IF	Citations
1560	Ferroelectric charge-transfer complexes <b>2022</b> , 7-46		
1559	Doping Control of Magnetic Anisotropy for Stable Antiskyrmion Formation in Schreibersite (Fe,Ni) P with S symmetry.. <i>Advanced Materials</i> , <b>2022</b> , e2108770	24	0
1558	Geometrically stabilized skyrmionic vortex in FeGe tetrahedral nanoparticles.. <i>Nature Materials</i> , <b>2022</b> ,	27	2
1557	Hydrogen-bonded organic molecular ferroelectrics/antiferroelectrics <b>2022</b> , 47-84		0
1556	Enhancement of anomalous Hall effect in epitaxial thin films of intrinsic magnetic topological insulator MnBi <sub>2</sub> Te <sub>4</sub> with Fermi-level tuning. <i>Applied Physics Letters</i> , <b>2022</b> , 120, 031901	3.4	0
1555	Zoology of Multiple-Q Spin Textures in a Centrosymmetric Tetragonal Magnet with Itinerant Electrons.. <i>Advanced Science</i> , <b>2022</b> , e2105452	13.6	4
1554	Topological spintronics and magnetoelectronics.. <i>Nature Materials</i> , <b>2022</b> , 21, 15-23	27	15
1553	Photovoltaic effect by soft phonon excitation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2122313119	11.5	0
1552	Square and rhombic lattices of magnetic skyrmions in a centrosymmetric binary compound.. <i>Nature Communications</i> , <b>2022</b> , 13, 1472	17.4	6
1551	Quantum anomalous Hall effect with a permanent magnet defines a quantum resistance standard. <i>Nature Physics</i> , <b>2022</b> , 18, 25-29	16.2	3
1550	Direct visualization of the three-dimensional shape of skyrmion strings in a noncentrosymmetric magnet. <i>Nature Materials</i> , <b>2021</b> ,	27	5
1549	Weyl fermions promote collective magnetism. <i>Nature Materials</i> , <b>2021</b> , 20, 1592-1593	27	
1548	Emergence of spin-orbit coupled ferromagnetic surface state derived from Zak phase in a nonmagnetic insulator FeSi. <i>Science Advances</i> , <b>2021</b> , 7, eabj0498	14.3	2
1547	Dynamic transition of current-driven single-skyrmion motion in a room-temperature chiral-lattice magnet. <i>Nature Communications</i> , <b>2021</b> , 12, 6797	17.4	4
1546	In-Situ Electric-Field Control of THz Nonreciprocal Directional Dichroism in the Multiferroic Ba <sub>2</sub> CoGe <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2021</b> , 127, 157201	7.4	0
1545	Writing of strain-controlled multiferroic ribbons into MnWO. <i>Nature Communications</i> , <b>2021</b> , 12, 6199	17.4	0
1544	Magneto-optical spectroscopy on Weyl nodes for anomalous and topological Hall effects in chiral MnGe. <i>Nature Communications</i> , <b>2021</b> , 12, 5974	17.4	0

1543	Current-induced switching of proximity-induced ferromagnetic surface states in a topological insulator. <i>Nature Communications</i> , <b>2021</b> , 12, 1404	17.4	17
1542	Frustration-driven magnetic fluctuations as the origin of the low-temperature skyrmion phase in Co <sub>7</sub> Zn <sub>7</sub> Mn <sub>6</sub> . <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	2
1541	Nonreciprocal second harmonic generation in a magnetoelectric material. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	4
1540	Electric field control of natural optical activity in a multiferroic helimagnet. <i>Science</i> , <b>2021</b> , 372, 496-500	33.3	8
1539	Interconversion of multiferroic domains and domain walls. <i>Nature Communications</i> , <b>2021</b> , 12, 2755	17.4	5
1538	Nano-to-micro spatiotemporal imaging of magnetic skyrmion's life cycle. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	3
1537	Terahertz emission spectroscopy of ultrafast exciton shift current in the noncentrosymmetric semiconductor CdS. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
1536	Current-driven Dynamics of Magnetic Skyrmion Bunches. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 382-383	3.5	
1535	Vital role of magnetocrystalline anisotropy in cubic chiral skyrmion hosts. <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	4
1534	Magnetic Skyrmion Materials. <i>Chemical Reviews</i> , <b>2021</b> , 121, 2857-2897	68.1	65
1533	Room-temperature antiskyrmions and sawtooth surface textures in a non-centrosymmetric magnet with S symmetry. <i>Nature Materials</i> , <b>2021</b> , 20, 335-340	27	12
1532	Heteroepitaxial growth of wide bandgap cuprous iodide films exhibiting clear free-exciton emission. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 012103	3.4	6
1531	Giant anomalous Hall effect from spin-chirality scattering in a chiral magnet. <i>Nature Communications</i> , <b>2021</b> , 12, 317	17.4	14
1530	Geometrical Hall effect and momentum-space Berry curvature from spin-reversed band pairs. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
1529	Nanometric skyrmion lattice from anisotropic exchange interactions in a centrosymmetric host. <i>New Journal of Physics</i> , <b>2021</b> , 23, 023039	2.9	15
1528	Direct Observation of Cycloidal Spin Modulation and Field-induced Transition in Nbl-type Skyrmion-hosting VOSe <sub>2</sub> O <sub>5</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 024705	1.5	5
1527	Current-induced magnetization switching at charge-transferred interface between topological insulator (Bi,Sb) <sub>2</sub> Te <sub>3</sub> and van der Waals ferromagnet Fe <sub>3</sub> GeTe <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2021</b> , 119, 032402	3.4	1
1526	Switching of antiferromagnetic states in LiCoPO <sub>4</sub> as investigated via the magnetoelectric effect. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	1

1525	Real-space observations of 60-nm skyrmion dynamics in an insulating magnet under low heat flow. <i>Nature Communications</i> , <b>2021</b> , 12, 5079	17.4	5
1524	Emergent electromagnetic induction beyond room temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
1523	Topological defect-mediated skyrmion annihilation in three dimensions. <i>Communications Physics</i> , <b>2021</b> , 4,	5.4	3
1522	Real-Space Observation of Emergent Complexity of Phase Evolution in Micrometer-Sized IrTe <sub>2</sub> Crystals. <i>Physical Review Letters</i> , <b>2021</b> , 127, 145701	7.4	1
1521	Coupling microwave photons to topological spin textures in Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
1520	Tunable giant negative thermal expansion in Ti <sub>2</sub> O <sub>3</sub> -based polycrystalline materials. <i>Applied Physics Express</i> , <b>2021</b> , 14, 107001	2.4	4
1519	Magnetic order and sign of the Dzyaloshinskii-Moriya interaction in 2D antiferromagnet Ba <sub>2</sub> CoGe <sub>2</sub> O <sub>7</sub> under applied magnetic field. <i>IEEE Transactions on Magnetism</i> , <b>2021</b> , 1-1	2	0
1518	In-Plane Magnetic Field-Driven Creation and Annihilation of Magnetic Skyrmion Strings in Nanostructures. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008521	15.6	5
1517	Dirac polaron dynamics in the correlated semimetal of perovskite CaIrO <sub>3</sub> . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
1516	Enhanced gyrotropic birefringence and natural optical activity on electromagnon resonance in a helimagnet. <i>Nature Communications</i> , <b>2021</b> , 12, 6674	17.4	2
1515	Molecular beam epitaxy of two-dimensional semiconductor BiI <sub>3</sub> films exhibiting sharp exciton absorption. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 243101	3.4	1
1514	Quantitative Measurement of Topological Spin Textures via Differential Phase Contrast. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 614-616	0.5	
1513	Nanometric square skyrmion lattice in a centrosymmetric tetragonal magnet. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 444-449	28.7	76
1512	Molecular beam epitaxy of high-quality CuI thin films on a low temperature grown buffer layer. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 192105	3.4	16
1511	Anisotropic Quantum Transport through a Single Spin Channel in the Magnetic Semiconductor EuTiO. <i>Advanced Materials</i> , <b>2020</b> , 32, e1908315	24	5
1510	Decoupling spin-orbital correlations in a layered manganite amidst ultrafast hybridized charge-transfer band excitation. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3
1509	High-field depinned phase and planar Hall effect in the skyrmion host Gd <sub>2</sub> PdSi <sub>3</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	19
1508	Robust Ferromagnetism in Highly Strained SrCoO <sub>3</sub> Thin Films. <i>Physical Review X</i> , <b>2020</b> , 10,	9.1	5

1507	Non-local photocurrent in a ferroelectric semiconductor SbSI under local photoexcitation. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 122902	3.4	7
1506	Transport, magnetic and optical properties of Weyl materials. <i>Nature Reviews Materials</i> , <b>2020</b> , 5, 621-636	3.3	35
1505	Motion tracking of 80-nm-size skyrmions upon directional current injections. <i>Science Advances</i> , <b>2020</b> , 6, eaaz9744	14.3	19
1504	Precise resistance measurement of quantum anomalous Hall effect in magnetic heterostructure film of topological insulator. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 143101	3.4	9
1503	Stability of multiferroic phase and magnetization-polarization coupling in Y-type hexaferrite crystals. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	11
1502	Engineering skyrmions and emergent monopoles in topological spin crystals. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 090501	3.4	20
1501	Growth of visible-light-responsive ferroelectric SbSI thin films by molecular beam epitaxy. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 072902	3.4	4
1500	Microscopic characterization of the superconducting gap function in $\text{Sn}_{1-x}\text{In}_x\text{Te}$ . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
1499	Propagation dynamics of spin excitations along skyrmion strings. <i>Nature Communications</i> , <b>2020</b> , 11, 256	17.4	40
1498	Characterization of $\text{Sr}_2\text{RuO}_4$ Josephson junctions made of epitaxial films. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
1497	Controlled transformation of skyrmions and antiskyrmions in a non-centrosymmetric magnet. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 181-186	28.7	56
1496	Nonlocal accumulation, chemical potential, and Hall effect of skyrmions in Pt/Co/Ir heterostructure. <i>Scientific Reports</i> , <b>2020</b> , 10, 1009	4.9	7
1495	Evolution of Electronic States and Emergence of Superconductivity in the Polar Semiconductor GeTe by Doping Valence-Skipping Indium. <i>Physical Review Letters</i> , <b>2020</b> , 124, 047002	7.4	5
1494	The 2020 skyrmionics roadmap. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 363001	3	90
1493	Emergent topological spin structures in the centrosymmetric cubic perovskite $\text{SrFeO}_3$ . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	31
1492	Evolution of possible Weyl semimetal states across the Mott transition in pyrochlore iridates induced by hole doping. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2
1491	Determination of crystallographic chirality of MnSi thin film grown on Si (111) substrate. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	7
1490	Structural, magnetic, transport, and thermoelectric properties of the pseudobrookite $\text{AlTi}_2\text{O}_5\text{---}\text{Fe}_3\text{O}_5$ system. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	3

1489	Highly tunable topological system based on PbTe-SnTe binary alloy. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	3
1488	Collapse of the simple localized 3d1 orbital picture in Mott insulator. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	6
1487	Ferroelectric atomic displacement in multiferroic tetragonal perovskite Sr1/2Ba1/2MnO3. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	1
1486	Gyrotropic birefringence via electromagnon resonance in a multiferroic of spin origin. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	1
1485	Floating zone furnace equipped with a high power laser of 1 kW composed of five smart beams. <i>Journal of Crystal Growth</i> , <b>2020</b> , 533, 125435	1.6	10
1484	Spectral weight reduction of two-dimensional electron gases at oxide surfaces across the ferroelectric transition. <i>Scientific Reports</i> , <b>2020</b> , 10, 16834	4.9	1
1483	Giant magneto-optical responses in magnetic Weyl semimetal CoSnS. <i>Nature Communications</i> , <b>2020</b> , 11, 4619	17.4	17
1482	Bloch Lines Constituting Antiskyrmions Captured via Differential Phase Contrast. <i>Advanced Materials</i> , <b>2020</b> , 32, e2004206	24	8
1481	Emergent electromagnetic induction in a helical-spin magnet. <i>Nature</i> , <b>2020</b> , 586, 232-236	50.4	23
1480	Large non-reciprocal charge transport mediated by quantum anomalous Hall edge states. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 831-835	28.7	8
1479	Metastable solitonic states in the strained itinerant helimagnet FeGe. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
1478	Current scaling of the topological quantum phase transition between a quantum anomalous Hall insulator and a trivial insulator. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	4
1477	Particle-size dependent structural transformation of skyrmion lattice. <i>Nature Communications</i> , <b>2020</b> , 11, 5685	17.4	3
1476	Defect tolerant zero-bias topological photocurrent in a ferroelectric semiconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 20411-20415	11.5	8
1475	40 years of the quantum Hall effect. <i>Nature Reviews Physics</i> , <b>2020</b> , 2, 397-401	23.6	18
1474	Metastable skyrmion lattices governed by magnetic disorder and anisotropy in EMn-type chiral magnets. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	11
1473	Topological Nernst Effect of the Two-Dimensional Skyrmion Lattice. <i>Physical Review Letters</i> , <b>2020</b> , 125, 076602	7.4	20
1472	Combining the helical phase of chiral magnets with electric currents. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2

1471	Real-Space Observation of Topological Defects in Extended Skyrmion-Strings. <i>Nano Letters</i> , <b>2020</b> , 20, 7313-7320	11.5	9
1470	Direct Observation of the Statics and Dynamics of Emergent Magnetic Monopoles in a Chiral Magnet. <i>Physical Review Letters</i> , <b>2020</b> , 125, 137202	7.4	17
1469	Topological Kagome Magnet CoSnS Thin Flakes with High Electron Mobility and Large Anomalous Hall Effect. <i>Nano Letters</i> , <b>2020</b> , 20, 7476-7481	11.5	14
1468	Imaging the coupling between itinerant electrons and localised moments in the centrosymmetric skyrmion magnet GdRuSi. <i>Nature Communications</i> , <b>2020</b> , 11, 5925	17.4	20
1467	Antiferromagnetic fluctuations and charge carrier localization in ferromagnetic bilayer manganites: electrical resistivity scales exponentially with short-range order controlled by temperature and magnetic field. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 374013	1.8	
1466	In-Plane Magnetic Field Evaluation with 0.47-nm Resolution by Aberration-Corrected 1.2-MV Holography Electron Microscope. <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 54-55	0.5	2
1465	Real-Space Observation of a Transformation from Antiskyrmion to Skyrmion by Lorentz TEM. <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 1840-1841	0.5	1
1464	Emergent charge order near the doping-induced Mott-insulating quantum phase transition in Sr3Ru2O7. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	5
1463	Strain-engineering of charge transport in the correlated Dirac semimetal of perovskite CaIrO3 thin films. <i>APL Materials</i> , <b>2019</b> , 7, 081115	5.7	3
1462	Quantum anomalous Hall effect driven by magnetic proximity coupling in all-telluride based heterostructure. <i>Applied Physics Letters</i> , <b>2019</b> , 115, 102403	3.4	35
1461	Slow steady flow of a skyrmion lattice in a confined geometry probed by narrow-band resistance noise. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	6
1460	Picosecond Creation of Switchable Optomagnets from a Polar Antiferromagnet with Giant Photoinduced Kerr Rotations. <i>Physical Review X</i> , <b>2019</b> , 9,	9.1	4
1459	Band engineering, carrier density control, and enhanced thermoelectric performance in multi-doped SnTe. <i>APL Materials</i> , <b>2019</b> , 7, 091107	5.7	9
1458	Phonon anomalies in pyrochlore iridates studied by Raman spectroscopy. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
1457	Magnetic topological insulators. <i>Nature Reviews Physics</i> , <b>2019</b> , 1, 126-143	23.6	300
1456	Strong-correlation induced high-mobility electrons in Dirac semimetal of perovskite oxide. <i>Nature Communications</i> , <b>2019</b> , 10, 362	17.4	32
1455	Spectral dynamics of shift current in ferroelectric semiconductor SbSI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 1929-1933	11.5	44
1454	Nonreciprocal charge transport at topological insulator/superconductor interface. <i>Nature Communications</i> , <b>2019</b> , 10, 2734	17.4	21



1453	Anomalous enhancement of upper critical field in Sr <sub>2</sub> RuO <sub>4</sub> thin films. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	5
1452	Ultrafast spectroscopy of shift-current in ferroelectric semiconductor Sn <sub>2</sub> P <sub>2</sub> S <sub>6</sub> . <i>Applied Physics Letters</i> , <b>2019</b> , 114, 151101	3.4	9
1451	Magnetization-polarization cross-control near room temperature in hexaferrite single crystals. <i>Nature Communications</i> , <b>2019</b> , 10, 1247	17.4	30
1450	Topological transitions among skyrmion- and hedgehog-lattice states in cubic chiral magnets. <i>Nature Communications</i> , <b>2019</b> , 10, 1059	17.4	60
1449	Disentangling transient charge order from structural dynamics contributions during coherent atomic motion studied by ultrafast resonant x-ray diffraction. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	6
1448	Enhanced thermopower in the correlated semimetallic phase of hole-doped pyrochlore iridates. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	8
1447	Element-specific soft x-ray spectroscopy, scattering, and imaging studies of the skyrmion-hosting compound Co <sub>8</sub> Zn <sub>8</sub> Mn <sub>4</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	16
1446	Phonon Magnetochiral Effect. <i>Physical Review Letters</i> , <b>2019</b> , 122, 145901	7.4	35
1445	Magnon-photon coupling in the noncollinear magnetic insulator Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	12
1444	Microwave Directional Dichroism Resonant with Spin Excitations in the Polar Ferromagnet GaV <sub>4</sub> S <sub>8</sub> . <i>Physical Review Letters</i> , <b>2019</b> , 122, 057202	7.4	10
1443	Skyrmion lattice with a giant topological Hall effect in a frustrated triangular-lattice magnet. <i>Science</i> , <b>2019</b> , 365, 914-918	33.3	194
1442	Correlation between site occupancies and spin-glass transition in skyrmion host Co <sub>10</sub> Zn <sub>2</sub> Mnx. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
1441	Deformation of the moving magnetic skyrmion lattice in MnSi under electric current flow. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	11
1440	Visualization of an axion insulating state at the transition between 2 chiral quantum anomalous Hall states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 14511-14515	11.5	24
1439	Spin excitations of magnetoelectric LiNiPO <sub>4</sub> in multiple magnetic phases. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	8
1438	Increased lifetime of metastable skyrmions by controlled doping. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	20
1437	Large Anomalous Hall Effect in Topological Insulators with Proximitized Ferromagnetic Insulators. <i>Physical Review Letters</i> , <b>2019</b> , 123, 016804	7.4	56
1436	Electron Holography and Magnetotransport Measurements Reveal Stabilized Magnetic Skyrmions in FeCoSi Nanowires. <i>ACS Nano</i> , <b>2019</b> , 13, 7833-7841	16.7	14



1435	Magnetoelectric spectroscopy of spin excitations in LiCoPO <sub>4</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
1434	Nonequilibrium skyrmion accumulation induced by direct current in Ir/Co/Pt heterostructure. <i>Applied Physics Express</i> , <b>2019</b> , 12, 073002	2.4	7
1433	Limits of validity of the Rashba model in BiTeI: High-field magneto-optical study. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
1432	Skyrmion phase and competing magnetic orders on a breathing kagomé lattice. <i>Nature Communications</i> , <b>2019</b> , 10, 5831	17.4	92
1431	Large Variation of Dirac Semimetal State in Perovskite CaIrO <sub>3</sub> with Pressure-Tuning of Electron Correlation. <i>Physical Review Letters</i> , <b>2019</b> , 123, 216601	7.4	11
1430	Ordering phenomena of spin trimers accompanied by a large geometrical Hall effect. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	4
1429	Directional dichroism in the paramagnetic state of multiferroics: A case study of infrared light absorption in Sr <sub>2</sub> CoSi <sub>2</sub> O <sub>7</sub> at high temperatures. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	8
1428	Topological domain walls in helimagnets. <i>Nature Physics</i> , <b>2018</b> , 14, 465-468	16.2	22
1427	Electromagnon Resonance at Room Temperature with Gigantic Magnetochromism. <i>Physical Review Applied</i> , <b>2018</b> , 9,	4.3	4
1426	Large magneto-thermopower in MnGe with topological spin texture. <i>Nature Communications</i> , <b>2018</b> , 9, 408	17.4	23
1425	Electric-field control of anomalous and topological Hall effects in oxide bilayer thin films. <i>Nature Communications</i> , <b>2018</b> , 9, 213	17.4	113
1424	Photoinduced transitions in magnetoresistive manganites: A comprehensive view. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	11
1423	Size effects on supercooling phenomena in strongly correlated electron systems: IrTe <sub>2</sub> and (BEDT-TTF) <sub>2</sub> RbZn(SCN) <sub>4</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	7
1422	Current-Driven Motion of Domain Boundaries between Skyrmion Lattice and Helical Magnetic Structure. <i>Nano Letters</i> , <b>2018</b> , 18, 929-933	11.5	11
1421	Low-Field Bi-Skyrmion Formation in a Noncentrosymmetric Chimney Ladder Ferromagnet. <i>Physical Review Letters</i> , <b>2018</b> , 120, 037203	7.4	18
1420	Strong magneto-optical effects in ACr <sub>2</sub> O <sub>4</sub> (A=Fe,Co) spinel oxides generated by tetrahedrally coordinated transition metal ions. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	10
1419	Identification of Antiferromagnetic Domains Via the Optical Magnetoelectric Effect. <i>Physical Review Letters</i> , <b>2018</b> , 121, 057601	7.4	15
1418	Phase-transition kinetics of magnetic skyrmions investigated by stroboscopic small-angle neutron scattering. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	8

- <sup>1417</sup> Spontaneous Hall effect in the Weyl semimetal candidate of all-in all-out pyrochlore iridate. *Nature Communications*, **2018**, 9, 3032 17.4 39
- <sup>1416</sup> Coherent Resonant Soft X-ray Scattering Study of Magnetic Textures in FeGe. *Quantum Beam Science*, **2018**, 2, 3 1.6 14
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- <sup>1411</sup> Tailoring band structure and band filling in a simple cubic (IV, III)-VI superconductor. *Physical Review Materials*, **2018**, 2, 3.2 6
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- <sup>1405</sup> Current-driven magnetization switching in ferromagnetic bulk Rashba semiconductor (Ge,Mn)Te. *Science Advances*, **2018**, 4, eaat9989 14.3 14
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1398	Topological quantum phase transition in magnetic topological insulator upon magnetization rotation. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	15
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1394	Tensile-Strain-Dependent Spin States in Epitaxial LaCoO <sub>3</sub> Thin Films. <i>Physical Review Letters</i> , <b>2018</b> , 120, 206402	7.4	24
1393	Exfoliation of single layer BiTeI flakes. <i>2D Materials</i> , <b>2018</b> , 5, 031013	5.9	21
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1388	Diagonal magnetoelectric susceptibility and effect of Fe doping in the polar ferrimagnet Mn <sub>2</sub> Mo <sub>3</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	23
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1374	Current-Nonlinear Hall Effect and Spin-Orbit Torque Magnetization Switching in a Magnetic Topological Insulator. <i>Physical Review Letters</i> , <b>2017</b> , 119, 137204	7.4	85
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1270	Variation of skyrmion forms and their stability in MnSi thin plates. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	58
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1267	Uniaxial stress control of skyrmion phase. <i>Nature Communications</i> , <b>2015</b> , 6, 8539	17.4	111
1266	Charge-order domain walls with enhanced conductivity in a layered manganite. <i>Nature Communications</i> , <b>2015</b> , 6, 7595	17.4	25
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1264	Temperature and field dependence of magnetic domains in La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	5
1263	Transport signatures of Fermi surface topology change in BiTeI. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	22
1262	Nonequilibrium electronic and phonon dynamics of Cu <sub>0.17</sub> Bi <sub>2</sub> Se <sub>3</sub> investigated by core-level and valence-band time-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	4
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1256	Piezomagnetoelectric Effect of Spin Origin in Dysprosium Orthoferrite. <i>Physical Review Letters</i> , <b>2015</b> , 115, 197205	7.4	12

1255	Direct Imaging of Dynamic Glassy Behavior in a Strained Manganite Film. <i>Physical Review Letters</i> , <b>2015</b> , 115, 265701	7.4	19
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1251	Enhanced cryogenic thermopower in SrTiO <sub>3</sub> by ionic gating. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	20
1250	Pressure-induced spin reorientation and spin state transition in SrCoO <sub>3</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	14
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1248	Ferroelectric-like metallic state in electron doped BaTiO <sub>3</sub> . <i>Scientific Reports</i> , <b>2015</b> , 5, 13207	4.9	28
1247	Magnetization states of canted antiferromagnetic YFeO <sub>3</sub> investigated by terahertz time-domain spectroscopy. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 233101	2.5	8
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1137	Ferroelectricity and pressure-induced phenomena driven by neutral ionic valence instability of acid-base supramolecules. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1036-46	16.4	25
1136	Mechanisms of enhanced orbital dia- and paramagnetism: application to the Rashba semiconductor $BiTeI$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 247208	7.4	32
1135	Dirac-fermion-mediated ferromagnetism in a topological insulator. <i>Nature Physics</i> , <b>2012</b> , 8, 729-733	16.2	262
1134	Terahertz magnetoelectric response via electromagnons in magnetic oxides. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2012</b> , 324, 3512-3515	2.8	9
1133	Observation of skyrmions in a multiferroic material. <i>Science</i> , <b>2012</b> , 336, 198-201	33.3	895
1132	Real-space observation of skyrmion lattice in helimagnet MnSi thin samples. <i>Nano Letters</i> , <b>2012</b> , 12, 1673-175	7.5	242
1131	Electric-field-induced generation and reversal of ferromagnetic moment in ferrites. <i>Nature Physics</i> , <b>2012</b> , 8, 838-844	16.2	138
1130	Chirality of matter shows up via spin excitations. <i>Nature Physics</i> , <b>2012</b> , 8, 734-738	16.2	103

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1127	Observation of magnetic excitations of Skyrmion crystal in a helimagnetic insulator Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 037603	7.4	231
1126	Skyrmion flow near room temperature in an ultralow current density. <i>Nature Communications</i> , <b>2012</b> , 3, 988	17.4	587
1125	Spin-stretching modes in anisotropic magnets: spin-wave excitations in the multiferroic Ba <sub>2</sub> CoGe <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 257203	7.4	48
1124	Emergent electromagnetism in solids. <i>Physica Scripta</i> , <b>2012</b> , T146, 014020	2.6	86
1123	Variation of charge dynamics in the course of metal-insulator transition for pyrochlore-type Nd <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 136402	7.4	88
1122	Variation of charge dynamics upon the helimagnetic and metal-insulator transitions for perovskite AFeO <sub>3</sub> (A = Sr and Ca). <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	11
1121	Soft phonon mode coupled with antiferromagnetic order in incipient-ferroelectric Mott insulators Sr <sub>1-x</sub> BaxMnO <sub>3</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	30
1120	Three-dimensional bulk band dispersion in polar BiTeI with giant Rashba-type spin splitting. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	38
1119	Effect of lattice geometry on magnon Hall effect in ferromagnetic insulators. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	107
1118	Emergent phenomena at oxide interfaces. <i>Nature Materials</i> , <b>2012</b> , 11, 103-13	27	1773
1117	Dynamics of multiple phases in a colossal-magnetoresistive manganite as revealed by dielectric spectroscopy. <i>Nature Communications</i> , <b>2012</b> , 3, 944	17.4	14
1116	Domain-wall dynamics coupled to proton motion in a hydrogen-bonded organic ferroelectric. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	7
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1114	Magnetoelectric resonance with electromagnons in a perovskite helimagnet. <i>Nature Physics</i> , <b>2012</b> , 8, 121-125	16.2	123
1113	Electronic ferroelectricity in a molecular crystal with large polarization directing antiparallel to ionic displacement. <i>Physical Review Letters</i> , <b>2012</b> , 108, 237601	7.4	162
1112	Magnetic stripes and skyrmions with helicity reversals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 8856-60	11.5	222

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1110	Magnetic Phase Diagrams of YVO <sub>3</sub> and TbVO <sub>3</sub> under High Pressure. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 024715	1.5	5
1109	Band-filling dependence of thermoelectric properties in B20-type CoGe. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 093902	3.4	14
1108	Mott versus Slater-type metal-insulator transition in Mn-substituted Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	14
1107	eg-level splitting in a layered perovskite manganite as revealed by charge modulation spectroscopy. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	3
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1105	Enhanced infrared magneto-optical response of the nonmagnetic semiconductor BiTeI driven by bulk Rashba splitting. <i>Physical Review Letters</i> , <b>2012</b> , 109, 167401	7.4	37
1104	Topological Hall effect in pyrochlore lattice with varying density of spin chirality. <i>Physical Review Letters</i> , <b>2012</b> , 108, 156601	7.4	27
1103	Pseudogap-related charge dynamics in the layered nickelate R <sub>2</sub> Sr <sub>x</sub> NiO <sub>4</sub> (x~1). <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	10
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1101	Gate control of surface transport in MBE-grown topological insulator (Bi <sub>1-x</sub> Sb <sub>x</sub> ) <sub>2</sub> Te <sub>3</sub> thin films. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	23
1100	Imprinting magnetic information in manganites with x rays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 157203	7.4	13
1099	Insulator-metal transition driven by change of doping and spin-orbit interaction in Sr <sub>2</sub> IrO <sub>4</sub> . <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	60
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1097	Determination of the magnetic order and the crystal symmetry in the multiferroic ground state of Ba <sub>2</sub> CoGe <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	20
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1094	Substitution Effect on the Magnetic State of Delafossite CuCrO <sub>2</sub> Having a Spin-3/2 Antiferromagnetic Triangular Sublattice. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 400, 032072	0.3	1

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1088	Structural and magnetic phase transitions of the orthovanadates RVO <sub>3</sub> (R= Dy, Ho, Er) as seen via neutron diffraction. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	28
1087	Spectral dependence of photoinduced spin precession in DyFeO <sub>3</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	77
1086	Imaging oxygen defects and their motion at a manganite surface. <i>Nature Communications</i> , <b>2011</b> , 2, 212	17.4	42
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1083	Nonlinear phononics as an ultrafast route to lattice control. <i>Nature Physics</i> , <b>2011</b> , 7, 854-856	16.2	249
1082	Magnetically driven ferroelectric atomic displacements in orthorhombic YMnO <sub>3</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	66
1081	Photoinduced transition from Mott insulator to metal in the undoped cuprates Nd <sub>2</sub> CuO <sub>4</sub> and La <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	84
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1074	Polar distortions in hydrogen-bonded organic ferroelectrics. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	43
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1036	Control of orbital ordered state in strained Nd0.25Sr1.75MnO4 films. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 202508	3-4	3
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745	Resonant Magnetoelectric X-ray Scattering in GaFeO <sub>3</sub> : Observation of Ordering of Toroidal Moments. <i>Journal of the Physical Society of Japan</i> , <b>2005</b> , 74, 1419-1422	1.5	50
744	Colossal Electro-Resistance Memory Effect at Metal/La <sub>2</sub> CuO <sub>4</sub> Interfaces. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L1241-L1243	1.4	31
743	Impact of Ru doping in bilayered manganese oxide La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>Applied Physics Letters</i> , <b>2005</b> , 86, 242502	3.4	20
742	Anticorrelation between ferromagnetism and ferroelectricity in perovskite manganites. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	86
741	Perovskite manganite magnetic tunnel junctions with enhanced coercivity contrast. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 022509	3.4	33
740	TEM study of the influence of antisite defects on magnetic domain structures in double perovskite Ba <sub>2</sub> FeMoO <sub>6</sub> . <i>Journal of Electron Microscopy</i> , <b>2005</b> , 54, 61-5		13
739	Electronically smecticlike liquid-crystal phase in a nearly half-doped manganite. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	14
738	Control of threshold voltage in pentacene thin-film transistors using carrier doping at the charge-transfer interface with organic acceptors. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 153506	3.4	94
737	Gigantic Kerr rotation induced by a d-d transition resonance in MCr <sub>2</sub> S <sub>4</sub> (M=Mn,Fe). <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	27
736	Doping dependence of transport properties in Fe <sub>1-x</sub> CoxSi. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	97
735	One-dimensional orbital excitations in vanadium oxides. <i>Physical Review Letters</i> , <b>2005</b> , 94, 076405	7.4	40
734	Observation of nonreciprocal magnetoelectric x-ray scattering in magnetite. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	16

733	Ultraviolet laser photoemission spectroscopy of FeSi: Observation of a gap opening in density of states. <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	40
732	Impurity-induced transition to a Mott insulator in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	34
731	Microscopy of magnetic transition in a layered manganite La <sub>2-x</sub> Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> (x=0.32). <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	11
730	Magneto-optical effect induced by spin chirality of the itinerant ferromagnet Nd <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	11
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728	Determination of the orbital moment and crystal-field splitting in LaTiO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2005</b> , 94, 056401	7-4	55
727	d-d excitations in manganites probed by resonant inelastic x-ray scattering. <i>Physical Review Letters</i> , <b>2005</b> , 94, 047203	7-4	56
726	Variation of the electronic structure in systematically synthesized Sr <sub>2</sub> MO <sub>4</sub> (M = Ti, V, Cr, Mn, and Co). <i>Physical Review Letters</i> , <b>2005</b> , 95, 176404	7-4	76
725	Determination of the intrinsic anomalous Hall effect of SrRuO <sub>3</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	21
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723	Magnetic-field-induced polarization and depolarization in HoMn <sub>2</sub> O <sub>5</sub> and ErMn <sub>2</sub> O <sub>5</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	78
722	Tuning of electron injections for n-type organic transistor based on charge-transfer compounds. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 063504	3-4	109
721	Spin-charge coupling in lightly doped Nd <sub>2-x</sub> CexCuO <sub>4</sub> . <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	18
720	Observation of magnetic ripple and nanowidth domains in a layered ferromagnet. <i>Physical Review Letters</i> , <b>2005</b> , 95, 227204	7-4	23
719	Strong correlation effects of the Re 5d electrons on the metal-insulator transition in Ca <sub>2</sub> FeReO <sub>6</sub> . <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	30
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707	Metallic ferromagnet with square-lattice CoO <sub>2</sub> sheets. <i>Physical Review Letters</i> , <b>2004</b> , 93, 167202	7-4	98
706	Commensurate-incommensurate crossover of charge stripe in La <sub>2-x</sub> Sr <sub>x</sub> NiO <sub>4</sub> (x approximately 1/3). <i>Physical Review Letters</i> , <b>2004</b> , 92, 196404	7-4	31
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242	Nature of one-dimensional excitons in polysilanes. <i>Physical Review B</i> , <b>1996</b> , 54, 11365-11374	3.3	26
241	Finite chain-length effect on nonlinear optical response in polysilane as investigated by electroabsorption spectroscopy. <i>Physical Review B</i> , <b>1996</b> , 54, R14254-R14256	3.3	16
240	Optical spectroscopy of the charge-ordering transition in La <sub>1.67</sub> Sr <sub>0.33</sub> NiO <sub>4</sub> . <i>Physical Review B</i> , <b>1996</b> , 54, R14230-R14233	3.3	152
239	Dielectric Property of Hydrogen-Bonded Squaric Acid Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 285, 275-280		2
238	Thermoelectric effect in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>1996</b> , 53, R2952-R2955	3.3	118
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236	A structural phase transition induced by an external magnetic field. <i>Nature</i> , <b>1995</b> , 373, 407-409	50.4	597
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230	Change of electronic properties on the doping-induced insulator-metal transition in La <sub>1-x</sub> Sr <sub>x</sub> VO <sub>3</sub> . <i>Physical Review B</i> , <b>1995</b> , 52, R2221-R2224	3.3	89

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227	Effect of lattice mismatch on surface morphology of (110) thin films of 214-type superconductors. <i>Applied Physics Letters</i> , <b>1995</b> , 66, 514-516	3.4	7
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222	Nanosecond and picosecond dynamics of photo-induced phase-transition in low dimensional organic crystals. <i>Synthetic Metals</i> , <b>1995</b> , 70, 1225-1226	3.6	13
221	Nonlinear optical spectroscopy on polysilanes: Dependence of exciton states on polymer backbone conformations. <i>Synthetic Metals</i> , <b>1995</b> , 71, 1679-1680	3.6	8
220	Electro-modulation spectroscopy on excitons in Carotene and related polyenes. <i>Synthetic Metals</i> , <b>1995</b> , 71, 1723-1724	3.6	8
219	Optical properties of polysilanes and related materials. <i>Synthetic Metals</i> , <b>1995</b> , 71, 2005-2008	3.6	6
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216	A First-Order Phase Transition Induced by a Magnetic Field. <i>Science</i> , <b>1995</b> , 270, 961-963	3.3	823
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189	Electronic Raman scattering spectra in strongly correlated metals: cuprate superconductors and titanium oxides. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 1147-1148	1.3	
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185	Spectra of one-dimensional excitons in polysilanes with various backbone conformations. <i>Physical Review B</i> , <b>1993</b> , 47, 4363-4371	3.3	81
184	Variation of optical gaps in perovskite-type 3d transition-metal oxides. <i>Physical Review B</i> , <b>1993</b> , 48, 17006-17009	5.3	173
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167	Change of electronic structures with hole doping in strongly correlated electron systems: titanium oxides. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 186-188, 992-994	2.8	1
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134	Pressure dependence of superconducting transition temperature and of hall constant in high-T <sub>c</sub> Cu-oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>1991</b> , 185-189, 40-44	1.3	43
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132	Magnetism in electron-doped copper oxides. <i>Hyperfine Interactions</i> , <b>1991</b> , 63, 311-317	0.8	2
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127	Dielectric phase transition and symmetry change of constituent molecules in proton-neutron mixed crystals of squaric acid. <i>Journal of Chemical Physics</i> , <b>1991</b> , 95, 2244-2251	3.9	16
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125	Anomalous dielectric response in tetrathiafulvalene-p-chloranil as observed in temperature- and pressure-induced neutral-to-ionic phase transition. <i>Physical Review B</i> , <b>1991</b> , 43, 8224-8232	3.3	138
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123	Electro-absorption spectroscopy of electronic structures in polysilanes. <i>Synthetic Metals</i> , <b>1991</b> , 41, 1385-1388	3.88	4
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120	Dynamics of thermally- and photo-induced phase changes in single crystals of polydiacetylene. <i>Synthetic Metals</i> , <b>1991</b> , 41, 225-228	3.6	1
119	Domain-wall excitations in organic charge-transfer compounds investigated by photo-reflectance spectroscopy. <i>Synthetic Metals</i> , <b>1991</b> , 42, 2351-2354	3.6	4
118	Electro-absorption study of color change of polydiacetylene 4BCMU solutions. <i>Synthetic Metals</i> , <b>1991</b> , 41, 221-224	3.6	
117	Nonlinear soliton transport in charge transfer compounds. <i>Synthetic Metals</i> , <b>1991</b> , 42, 1675-1678	3.6	2
116	Optical spectra of La <sub>2</sub> -xSr <sub>x</sub> CuO <sub>4</sub> : Effect of carrier doping on the electronic structure of the CuO <sub>2</sub> plane. <i>Physical Review B</i> , <b>1991</b> , 43, 7942-7954	3.3	869
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114	Neutral-ionic transition in TTF-chloranil and TMB-TCNQ. <i>Synthetic Metals</i> , <b>1991</b> , 42, 1827-1830	3.6	8
113	New Classification Method for Layered Copper Oxide Compounds and Its Application to Design of New High T <sub>c</sub> Superconductors. <i>Journal of Advanced Science</i> , <b>1991</b> , 3, f14-f19	0	
112	Design of New Cuprate Superconductors and Prediction of their Structures <b>1991</b> , 104-125		
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110	Optical phonons in copper oxides with a single CuO <sub>2</sub> plane. <i>Physica C: Superconductivity and Its Applications</i> , <b>1990</b> , 168, 117-122	1.3	24
109	Photoemission spectroscopic study of copper-oxide superconductors and related materials. <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 1225-1226	2.8	4
108	Optical study of the electronic state in La <sub>2</sub> -xSr <sub>x</sub> CuO <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 1249-1250	2.8	4
107	Rare earth (RE) dependence and Ce-concentration dependence of T <sub>c</sub> in Bi-2222 Phase Bi <sub>2</sub> Sr <sub>2</sub> (RE <sub>1-x</sub> Ce <sub>x</sub> ) <sub>2</sub> Cu <sub>2</sub> O <sub>10+y</sub> . <i>Physica B: Condensed Matter</i> , <b>1990</b> , 165-166, 1551-1552	2.8	1
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105	Exciton states of polysilanes as investigated by electro-absorption spectra. <i>Solid State Communications</i> , <b>1990</b> , 75, 5-9	1.6	62
104	Sensitization of Photochromism in Polydiacetylene Films by Phthalocyanine Layer. <i>Japanese Journal of Applied Physics</i> , <b>1990</b> , 29, L977-L980	1.4	2



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102	Resonant-photoemission study of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physical Review B</i> , <b>1990</b> , 41, 7205-7208	3.3	75
101	Cu K-edge x-ray-absorption near-edge structure and electronic structure of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_{4-y}$ and $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . <i>Physical Review B</i> , <b>1990</b> , 41, 131-137	3.3	74
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96	Magnetic order and electronic phase diagrams of electron-doped copper oxide materials. <i>Physical Review B</i> , <b>1990</b> , 42, 7981-7988	3.3	174
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93	New Classification Method for Layered Copper Oxide Compounds and Its Application to Design of New HighTcSuperconductors. <i>Japanese Journal of Applied Physics</i> , <b>1990</b> , 29, 2388-2402	1.4	148
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91	Photo- and Thermo-Chromic Behaviors of Polydiacetylenes with Alkylurethane Substituents. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , <b>1990</b> , 183, 371-374		1
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89	Syntheses and Properties of Single $\text{CuO}_2$ -Sheet Compounds: Charge-Transfer Gap and Charge-Doping Effect <b>1990</b> , 51-55		1
88	Dynamics of Charged Domain Walls in Semiconducting Charge Transfer Compounds. <i>Springer Proceedings in Physics</i> , <b>1990</b> , 319-323	0.2	
87	Intrinsic negative-resistance effect in mixed-stack charge-transfer crystals. <i>Physical Review B</i> , <b>1989</b> , 39, 10441-10444	3.3	77
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73	New double-sheet copper oxide compounds with BiO or TlO bilayers. <i>Nature</i> , <b>1989</b> , 342, 890-893	50-4	101
72	Dynamical aspects of photo-induced phase transition in polydiacetylenes. <i>Synthetic Metals</i> , <b>1989</b> , 28, D605-D612	3-6	8
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68	A Study of the Superconducting La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> System by X-Ray Powder Diffraction. <i>Powder Diffraction</i> , <b>1989</b> , 4, 152-155	1-8	3

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58	Structural phase transformation in the superconducting YLa <sub>x</sub> Ba <sub>2-x</sub> Cu <sub>3</sub> O <sub>7</sub> compounds. <i>Applied Physics Letters</i> , <b>1988</b> , 52, 1901-1903	3.4	11
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52	Electric conductivity and phase diagram of a mixed-stack charge-transfer crystal: Tetrathiafulvalene-p-chloranil. <i>Physical Review B</i> , <b>1987</b> , 35, 427-429	3.3	72
51	Highly oriented polydiacetylene films by vacuum deposition. <i>Applied Physics Letters</i> , <b>1987</b> , 51, 1957-1959.	3.4	54
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