Dipankar Das Sarma

List of Publications by Year
in descending order

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		13827	21474
368	17,216	67	114
papers	citations	h-index	g-index

377	377	377	16558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allâ€alkoxide based deposition and properties of a multilayer La_{0.67}Sr_{0.33}MnO₃/CoFe₂O₄/La_{0.67}Sr_{0.33} film. European Journal of Inorganic Chemistry, 2021, 2021, 1736-1744.	2.3	0
2	Temperature-dependent anomalous Mn2+ emission and excited state dynamics in Mn2+-doped MAPbCl3-xBrx nanocrystals. Journal of Chemical Sciences, 2021, 133, 1.	0.7	2
3	Contrasting Effects of FA Substitution on MA/FA Rotational Dynamics in FA_xMA_{1â€“x}PbI₃. Journal of Physical Chemistry C, 2021, 125, 13666-13676.	1.5	7
4	Properties of [Fe4Cu2] magnetic cluster compound. Bulletin of Materials Science, 2021, 44, 1.	0.8	0
5	Exploring Librational Pathways with on-the-Fly Machine-Learning Force Fields: Methylammonium Molecules in MAPbX₃ (X = I, Br, Cl) Perovskites. Journal of Physical Chemistry C, 2021, 125, 21077-21086.	1.5	14
6	Essential Considerations for Reporting Thermoelectric Properties. ACS Energy Letters, 2021, 6, 3715-3718.	8.8	9
7	Local structural evolution in the anionic solid solution ZnSexS1â^'x. Physical Review B, 2021, 104, .	1.1	2
8	On the origin of metallicity and stability of the metastable phase in chemically exfoliated MoS2. Applied Materials Today, 2020, 19, 100544.	2.3	8
9	Conducting LaVO₃/SrTiO₃ Interface: Is Cationic Stoichiometry Mandatory?. Advanced Materials Interfaces, 2020, 7, 1900941.	1.9	17
10	COVID-19 and the Climate Crisis: Challenges and Opportunities (â€œThe Times They Are A-Changinâ€™â€). ACS Energy Letters, 2020, 5, 2916-2918.	8.8	1
11	Contrasting Behaviors of FA and MA Cations in APbBr₃. Journal of Physical Chemistry Letters, 2020, 11, 9669-9679.	2.1	16
12	Signatures of a Spin- 12 Cooperative Paramagnet in the Diluted Triangular Lattice of Y2CuTiO6. Physical Review Letters, 2020, 125, 117206.	2.9	14
13	Complexity of mixed allotropes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> unraveled by first-principles theory. Physical Review B, 2020, 102, .	1.1	5
14	Nature and origin of unusual properties in chemically exfoliated 2D MoS2. APL Materials, 2020, 8, 040909.	2.2	9
15	Magnetic polarons and spin-glass behavior in insulating La1â^'xSrxCoO3 (x=0.125 and 0.15). Physical Review Research, 2020, 2, .	1.3	7
16	Defects, conductivity and photoconductivity in Ar+ bombarded KTaO 3. Journal of Applied Physics, 2019, 126, 035303.	1.1	12
17	Peculiar magnetic states in the double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2019, 100, .	1.1	16
18	Phase Diagram and Dielectric Properties of MA_{1â€“x}FA_xPbI₃. ACS Energy Letters, 2019, 4, 2045-2051.	8.8	33

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19	Ground-state ferrimagnetism and magneto-caloric effects in Nd2NiMnO6. Materials Research Express, 2019, 6, 116122.	0.8	7
20	The limit to realize an isolated magnetic single skyrmionic state. Journal of Materials Chemistry C, 2019, 7, 1337-1344.	2.7	5
21	Expanding Interlayer Spacing in MoS₂ for Realizing an Advanced Supercapacitor. ACS Energy Letters, 2019, 4, 1602-1609.	8.8	195
22	Tuning copper sulfide nanosheets by cation exchange reactions to realize two-dimensional CZTS dielectric layers. Journal of Materials Chemistry A, 2019, 7, 9782-9790.	5.2	14
23	Charge disproportionate antiferromagnetism at the verge of the insulator-metal transition in doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaFeO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:m Physical Review B, 2019, 99, .	1.1	12
24	We Editors Are Authors, Too. ACS Energy Letters, 2019, 4, 249-250.	8.8	2
25	Critical Comparison of FAPbX₃ and MAPbX₃ (X = Br and Cl): How Do They Differ?. Journal of Physical Chemistry C, 2018, 122, 13758-13766.	1.5	84
26	RF and microwave dielectric response investigation of high-k yttrium copper titanate ceramic for electronic applications. Microelectronic Engineering, 2018, 194, 15-18.	1.1	3
27	Designing a Lower Band Gap Bulk Ferroelectric Material with a Sizable Polarization at Room Temperature. ACS Energy Letters, 2018, 3, 1176-1182.	8.8	56
28	Effect of anti-site disorder on magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:r Physical Review B, 2018, 97, .	1.1	58
29	Dielectrical performance of high-k yttrium copper titanate thin films for electronic applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 7090-7098.	1.1	9
30	Why Does CuFeS₂ Resemble Gold?. Journal of Physical Chemistry Letters, 2018, 9, 696-701.	2.1	31
31	Realizing an Asymmetric Supercapacitor Employing Carbon Nanotubes Anchored to Mn₃O₄ Cathode and Fe₃O₄ Anode. ACS Applied Materials & Interfaces, 2018, 10, 42484-42493.	4.0	57
32	The origin of low bandgap and ferroelectricity of a co-doped BaTiO ₃. Europhysics Letters, 2018, 124, 27005.	0.7	8
33	Building Better Batteries: A Travel Back in Time. ACS Energy Letters, 2018, 3, 2841-2845.	8.8	43
34	Synthetic Control on Structure/Dimensionality and Photophysical Properties of Low Dimensional Organic Lead Bromide Perovskite. Inorganic Chemistry, 2018, 57, 13443-13452.	1.9	31
35	Nature of the charge carriers in LaAlO ₃ -SrTiO ₃ oxide heterostructures probed using hard X-ray photoelectron spectroscopy. Europhysics Letters, 2018, 123, 47003.	0.7	1
36	Evolution of the Local Structure within Chromophoric Mnâ€“O₅ Trigonal Bipyramids in YMn_{1â€“x}In_xO₃ with Composition. Inorganic Chemistry, 2018, 57, 9012-9019.	1.9	12

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37	Can SHG Measurements Determine the Polarity of Hybrid Lead Halide Perovskites?. ACS Energy Letters, 2018, 3, 1887-1891.	8.8	22
38	Hexagonal WO₃Nanorods as Ambipolar Electrode Material in Asymmetric WO₃//WO₃/MnO₂Supercapacitor. Journal of the Electrochemical Society, 2018, 165, A2108-A2114.	1.3	22
39	High-k YCTO thin films for electronics. , 2018, , .		0
40	Relativistic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>G</mml:mi><mml:mi>W</mml:mi></mml:mrow></mml:m +BSE study of the optical properties of Ruddlesden-Popper iridates. Physical Review Materials, 2018, 2, .	0.9	10
41	Solution-Processed Free-Standing Ultrathin Two-Dimensional PbS Nanocrystals with Efficient and Highly Stable Dielectric Properties. Chemistry of Materials, 2017, 29, 1175-1182.	3.2	35
42	Luminescence, Plasmonic, and Magnetic Properties of Doped Semiconductor Nanocrystals. Angewandte Chemie - International Edition, 2017, 56, 7038-7054.	7.2	211
43	Two-Dimensional Hybrid Organohalide Perovskites from Ultrathin PbS Nanocrystals as Template. Journal of Physical Chemistry C, 2017, 121, 6401-6408.	1.5	16
44	Doping an antiferromagnetic insulator: A route to an antiferromagnetic metallic phase. Europhysics Letters, 2017, 117, 57003.	0.7	5
45	A Cost-Effective and High-Performance Core-Shell-Nanorod-Based ZnO/Î±-Fe₂O₃//ZnO/C Asymmetric Supercapacitor. Journal of the Electrochemical Society, 2017, 164, A987-A994.	1.3	20
46	Temperature-independent band structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:m as observed from angle-resolved photoemission spectroscopy. Physical Review B, 2017, 96, .	1.1	8
47	Suppression of the Coffee-Ring Effect and Evaporation-Driven Disorder to Order Transition in Colloidal Droplets. Journal of Physical Chemistry Letters, 2017, 8, 4704-4709.	2.1	47
48	Î±-Fe₂O₃-Based Core-Shell-Nanorodâ€“Structured Positiveand Negative Electrodes for a High-Performance Î±-Fe₂O₃/C//Î±-Fe₂O₃/MnO_xAsymmetric Supercapacitor. Journal of the Electrochemical Society, 2017, 164, A2707-A2715.	1.3	22
49	Behavior of Methylammonium Dipoles in MAPbX₃ (X = Br and I). Journal of Physical Chemistry Letters, 2017, 8, 4113-4121.	2.1	103
50	Chemically exfoliated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> layers: Spectroscopic evidence for the semiconducting nature of the dominant trigonal metastable phase. Physical Review B, 2017, 96, .	1.1	39
51	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:m An uncompensated semimetal with extremely large magnetoresistance. Physical Review B, 2017, 95, .	1.1	45
52	Competing Roles of Substrate Composition, Microstructure, and Sustained Strontium Release in Directing Osteogenic Differentiation of hMSCs. ACS Applied Materials & Interfaces, 2017, 9, 19389-19408.	4.0	31
53	Composition driven structural transition in La2â^'Sr CuRuO6 (0Ââ‰ÂxÂâ‰Â1) double perovskites. Journal of Alloys and Compounds, 2017, 693, 1096-1101.	2.8	3
54	Electron and hole doping in the relativistic Mott insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Sr</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">IrO</mml:mi><mml:mn mathvariant="bold">4</mml:mn></mml:msub></mml:mrow></mml:math> : A first-principles study using	1.1	27

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55	Room-temperature dynamic correlation between methylammonium molecules in lead-iodine based perovskites: An ab initio molecular dynamics perspective. Physical Review B, 2016, 94, .	1.1	62
56	Investigation of high-kyttrium copper titanate thin films as alternative gate dielectrics. Journal Physics D: Applied Physics, 2016, 49, 405303.	1.3	6
57	Chemical Tailoring of Band Offsets at the Interface of ZnSeâ€“CdS Heterostructures for Delocalized Photoexcited Charge Carriers. Journal of Physical Chemistry C, 2016, 120, 10118-10128.	1.5	17
58	Substrate Integrated Nickelâ€“Iron Ultrabattery with Extraordinarily Enhanced Performances. ACS Energy Letters, 2016, 1, 82-88.	8.8	29
59	Physics of Ultrathin Films and Heterostructures of Rare-Earth Nickelates. Annual Review of Materials Research, 2016, 46, 305-334.	4.3	236
60	Role of Polar Phonons in the Photo Excited State of Metal Halide Perovskites. Scientific Reports, 2016, 6, 28618.	1.6	234
61	Effect of impurity substitution on band structure and mass renormalization of the correlatedFeTe0.5Se0.5superconductor. Physical Review B, 2016, 93, .	1.1	5
62	High photon energy spectroscopy of NiO: Experiment and theory. Physical Review B, 2016, 93, .	1.1	22
63	Origin and distribution of charge carriers in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>/<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>heterostructures. Physical Review B, 2016, 93, .	1.1	11
64	Origin of the Spin-Orbital Liquid State in Nearly <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:mn></mml:math>Iridate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>ZnIr</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review Le	2.9	58
65	Electrochemical Energy Storage: The Indian Scenario. ACS Energy Letters, 2016, 1, 1162-1164.	8.8	4
66	Unusual Dirac Fermions on the Surface of a Noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math> -BiPd Superconductor. Physical Review Letters, 2016, 117, 177001.	2.9	21
67	Organization dependent collective magnetic properties of secondary nanostructures with differential spatial ordering and magnetic easy axis orientation. Journal of Magnetism and Magnetic Materials, 2016, 408, 127-136.	1.0	10
68	Is CH₃NH₃PbI₃ Polar?. Journal of Physical Chemistry Letters, 2016, 7, 2412-2419.	2.1	134
69	Electrical and Plasmonic Properties of Ligandâ€Free Sn⁴⁺â€Doped In₂O₃ (ITO) Nanocrystals. ChemPhysChem, 2016, 17, 710-716.	1.0	9
70	Depth Profiling and Internal Structure Determination of Low Dimensional Materials Using X-ray Photoelectron Spectroscopy. Springer Series in Surface Sciences, 2016, , 309-339.	0.3	2
71	Dielectric investigation of high-k yttrium copper titanate thin films. Journal of Materials Chemistry C, 2016, 4, 1080-1087.	2.7	24
72	The electronic, chemical and electrocatalytic processes and intermediates on iron oxide surfaces during photoelectrochemical water splitting. Catalysis Today, 2016, 260, 72-81.	2.2	25

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73	Anisotropic magnetic couplings and structure-driven canted to collinear transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> magnetically constrained noncollinear DFT. Physical Review B, 2015, 92, .	3.7	70
74	Influence of dimensionality and interface type on optical and electronic properties of CdS/ZnS core-shell nanocrystalsâ€"A first-principles study. Journal of Chemical Physics, 2015, 143, 164701.	1.2	7
75	Selective growth of single phase VO2(A, B, and M) polymorph thin films. APL Materials, 2015, 3, .	2.2	84
76	Electronic Structure Evolution across the Peierls Metal-Insulator Transition in a Correlated Ferromagnet. Physical Review X, 2015, 5, .	2.8	10
77	Electronic Structure of CH₃NH₃PbX₃ Perovskites: Dependence on the Halide Moiety. Journal of Physical Chemistry C, 2015, 119, 1818-1825.	1.5	127
78	Efficient Solidâ€State Lightâ€Emitting CuCdS Nanocrystals Synthesized in Air. Angewandte Chemie - International Edition, 2015, 54, 2643-2648.	7.2	24
79	Probing complex heterostructures using hard X-ray photoelectron spectroscopy (HAXPES). Journal of Electron Spectroscopy and Related Phenomena, 2015, 200, 332-339.	0.8	10
80	First-principles study of the influence of different interfaces and core types on the properties of CdSe/CdS core-shell nanocrystals. Scientific Reports, 2015, 5, 10865.	1.6	20
81	Status of the crystallography beamlines at Elettra. European Physical Journal Plus, 2015, 130, 1.	1.2	141
82	Electronic structure origin of conductivity and oxygen reduction activity changes in low-level Cr-substituted (La,Sr)MnO3. Journal of Chemical Physics, 2015, 143, 114705.	1.2	3
83	Role of boron diffusion in CoFeB/MgO magnetic tunnel junctions. Physical Review B, 2015, 91, .	1.1	40
84	Neutron powder diffraction study of Ba3ZnRu2-xIrxO9 (xÂ=Â0, 1, 2) with 6H-type perovskite structure. Solid State Sciences, 2015, 50, 58-64.	1.5	13
85	Enhanced photocatalytic efficiency of AuPd nanoalloy decorated ZnO-reduced graphene oxide nanocomposites. RSC Advances, 2015, 5, 8918-8928.	1.7	45
86	Amorphous Wâ€"Sâ€"N thin films: The atomic structure behind ultra-low friction. Acta Materialia, 2015, 82, 84-93.	3.8	31
87	Robust dielectric properties of B-site size-disordered hexagonal Ln2CuTiO6 (Lnâ€‰=â€‰Y, Dy, Ho,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 32, .	0.6	3
88	Electronic band structure and Fermi surfaces of the quasiâ€"two-dimensional monophosphate tungsten bronze, P ₄ W ₁₂ O ₄₄. Europhysics Letters, 2014, 105, 47003.	0.7	5
89	Microscopic description of the evolution of the local structure and an evaluation of the chemical pressure concept in a solid solution. Physical Review B, 2014, 89, .	1.1	26
90	Microscopic origin of low frequency noise in MoS2 field-effect transistors. APL Materials, 2014, 2, .	2.2	57

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91	NaOsO3: A high Neel temperature 5doxide. Physical Review B, 2014, 89, .	1.1	21
92	Dedicated to Professor C. N. R. Rao on the Occasion of His 80th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1019-1019.	0.6	0
93	A charge self-consistent LDA+DMFT study of the spectral properties of hexagonal NiS. New Journal of Physics, 2014, 16, 093049.	1.2	2
94	Magnetoresistance and electroresistance effects in Fe₃O₄nanoparticle system. Journal of Experimental Nanoscience, 2014, 9, 391-397.	1.3	13
95	Local disorder investigation in NiS₂â^'xSe_xusing Raman and Ni K-edge x-ray absorption spectroscopies. Journal of Physics Condensed Matter, 2014, 26, 452201.	0.7	15
96	Current rectification by a single ZnS nanorod probed using a scanning tunneling microscopic technique. Journal of Materials Chemistry C, 2014, 2, 1158.	2.7	9
97	Throwing light on platinized carbon nanostructured composites for hydrogen generation. Energy and Environmental Science, 2014, 7, 4087-4094.	15.6	14
98	Modulation of glyceraldehyde-3-phosphate dehydrogenase activity by surface functionalized quantum dots. Physical Chemistry Chemical Physics, 2014, 16, 5276.	1.3	23
99	Determination of Internal Structures of Heterogeneous Nanocrystals Using Variable-Energy Photoemission Spectroscopy. Journal of Physical Chemistry C, 2014, 118, 15534-15540.	1.5	16
100	STM verification of the reduction of the Young's modulus of CdS nanoparticles at smaller sizes. Surface Science, 2014, 630, 89-95.	0.8	12
101	Beyond the â€œCoffee Ringâ€ Re-entrant Ordering in an Evaporation-Driven Self-Assembly in a Colloidal Suspension on a Substrate. Journal of Physical Chemistry B, 2014, 118, 2559-2567.	1.2	9
102	Observation of magnetically hard grain boundaries in double-perovskite Sr 2 FeMoO 6. Europhysics Letters, 2014, 108, 27003.	0.7	8
103	Rainbow Emission from an Atomic Transition in Doped Quantum Dots. Journal of Physical Chemistry Letters, 2014, 5, 2208-2213.	2.1	54
104	Reentrant Superspin Glass Phase in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>La</mml:mi><mml:msub><mml:mrow /><mml:mn>0.82</mml:mn></mml:msub><mml:mi>Ca</mml:mi><mml:msub><mml:mrow /><mml:mn>0.18</mml:mn></mml:msub><mml:mi>MnO</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>Ferromagnetic Insulator. Physical Review B, 2014, 4,	2.8	20
105	Near Room-Temperature Colossal Magnetodielectricity and Multiglass Properties in Partially Disordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>NiMnO</mml:mi><mml:mi> Physical Review Letters, 2012, 108, 127201.	2.9	375
106	Advances in Light-Emitting Doped Semiconductor Nanocrystals. Journal of Physical Chemistry Letters, 2011, 2, 2818-2826.	2.1	230
107	Highly Luminescent Mn-Doped ZnS Nanocrystals: Gram-Scale Synthesis. Journal of Physical Chemistry Letters, 2010, 1, 1454-1458.	2.1	192
108	Supramolecular control of the magnetic anisotropy inÂtwo-dimensional high-spin Fe arrays at a metalÂinterface. Nature Materials, 2009, 8, 189-193.	13.3	262

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109	To Dope Mn²⁺ in a Semiconducting Nanocrystal. Journal of the American Chemical Society, 2008, 130, 10605-10611.	6.6	237
110	Synthesis of ZnSe Quantum Dots and ZnSeâ€“ZnS Core/Shell Nanostructures. Journal of Nanoscience and Nanotechnology, 2007, 7, 1960-1964.	0.9	8
111	Theoretical study of dopedTl2Mn2O7andTl2Mn2O7under pressure. Physical Review B, 2007, 75, .	1.1	1
112	Synthesis of CdSe Nanocrystals in a Noncoordinating Solvent: Effect of Reaction Temperature on Size and Optical Properties. Journal of Nanoscience and Nanotechnology, 2007, 7, 1965-1968.	0.9	26
113	White Light from Mn²⁺-Doped CdS Nanocrystals:â€‰ A New Approach. Journal of Physical Chemistry C, 2007, 111, 13641-13644.	1.5	146
114	White-light emission from a blend of CdSeS nanocrystals of different Se:S ratio. Nanotechnology, 2007, 18, 075401.	1.3	72
115	Blue emitting polyaniline. Chemical Communications, 2006, , 2681.	2.2	14
116	Blue-Emitting Copper-Doped Zinc Oxide Nanocrystals. Journal of Physical Chemistry B, 2006, 110, 22310-22312.	1.2	74
117	Transport and magnetic properties of conducting polyaniline doped withBX3(X=F, Cl, and Br). Physical Review B, 2006, 73, .	1.1	11
118	Unraveling Internal Structures of Highly Luminescent PbSe Nanocrystallites Using Variable-Energy Synchrotron Radiation Photoelectron Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 15244-15250.	1.2	52
119	Structural and magnetic properties ofSr2Fe1+xMo1â^'xO6(â^'1â©½xâ©½0.25). Physical Review B, 2006, 73, .	1.1	83
120	Local structure and magneto-transport in Sr2FeMoO6 oxides. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 189-193.	0.6	5
121	Quantitative structural refinement of MnK edge XANES in LaMnO3 and CaMnO3 perovskites. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 158-164.	0.6	12
122	XAFS study on Sr2FeMoxW1â^'xO6 double perovskite series. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 226-229.	1.7	1
123	BF3-doped polyaniline: A novel conducting polymer. Pramana - Journal of Physics, 2006, 67, 135-139.	0.9	17
124	A microspectroscopic study of the electronic homogeneity of ordered and disordered Sr2FeMoO6. Journal of Chemical Sciences, 2006, 118, 87-92.	0.7	2
125	Study of the Growth of Capped ZnO Nanocrystals: A Route to Rational Synthesis. Chemistry - A European Journal, 2006, 12, 180-186.	1.7	79
126	Electronic Phase Separation in Correlated Oxides: The Phenomenon, Its Present Status and Future Prospects. ChemPhysChem, 2006, 7, 2053-2059.	1.0	68

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127	Origin of Ferromagnetism and its Pressure and Doping Dependence inTl2Mn2O7. Physical Review Letters, 2006, 96, 087205.	2.9	14
128	Angle-Resolved Photoemission Spectroscopy of the InsulatingNaxWO3: Anderson Localization, Polaron Formation, and Remnant Fermi Surface. Physical Review Letters, 2006, 96, 147603.	2.9	37
129	Understanding the bulk electronic structure ofCa1â^'xSrxVO3. Physical Review B, 2006, 73, .	1.1	66
130	X-ray photoelectron spectroscopy of superconductingRuSr2Eu1.5Ce0.5Cu2O10and nonsuperconductingRuSr2EuCeCu2O10. Physical Review B, 2006, 74, .	1.1	14
131	Electron-spectroscopic investigation of the metal-insulator transition inSr2Ru1â^'xTixO4(x=0â€“0.6). Physical Review B, 2006, 73, .	1.1	13
132	Strong electron correlation of Re 5d electrons in Ca2FeReO6. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 337-339.	0.8	4
133	Electronic structure of early transition metal oxides, Ca1â^'xSrxVO3 and La1â^'xCaxVO3: What can we learn from photoelectron spectroscopy. Thin Solid Films, 2005, 486, 162-169.	0.8	2
134	Simultaneous control of nanocrystal size and nanocrystal-nanocrystal separation in CdS nanocrystal assembly. Pramana - Journal of Physics, 2005, 65, 565-570.	0.9	54
135	Sr2FeMoO6: A Prototype to Understand a New Class of Magnetic Materials. Hyperfine Interactions, 2005, 160, 67-79.	0.2	3
136	Electronic structure ofCa3CoXO6(X=Co, Rh, Ir) studied by x-ray photoemission spectroscopy. Physical Review B, 2005, 71, .	1.1	74
137	Self-organization of polyaniline nanorods: Towards achieving a higher conductivity. Applied Physics Letters, 2005, 87, 093117.	1.5	14
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