Guang-Han Cao

List of Publications by Year in Descending Order

326 papers	7,682 citations	43 h-index	76 g-index
354 ext. papers	8,666 ext. citations	3.7 avg, IF	5.65 L-index

#	Paper	IF	Citations
326	Polymorphism, Structural Transition, and Superconductivity in the Equiatomic Ternary Germanide ThRhGe. *Chemistry of Materials*, **2022**, 34, 1235-1244	9.6	0
325	Structural transformation of MoReRu medium-entropy alloy by carbon addition. *Scripta Materialia*, **2022**, 210, 114464	5.6	1
324	Chemical pressure effects in ZrCuSiAs-type manganese-based compound ThMnSbN. *Wuli Xuebao/Acta Physica Sinica*, **2022**, 71, 046103	0.6	
323	Structural transformation and superconductivity in carbon-added hexagonal high-entropy alloys. *Journal of Alloys and Compounds*, **2022**, 909, 164700	5.7	0
322	Anisotropic transport and de Haas□van Alphen oscillations in quasi-one-dimensional TaPtTe5. *Physical Review B*, **2021**, 103,	3.3	2
321	Combined Study of Structural, Magnetic and Transport Properties of Eu0.5 Ln 0.5BiS2F Superconductor*. *Chinese Physics Letters*, **2021**, 38, 047402	1.8	0
320	Superconductivity in ThMo2Si2C with Mo2C square net. *Science China: Physics, Mechanics and Astronomy*, **2021**, 64, 1	3.6	0
319	Evidence for the random singlet phase in the honeycomb iridate SrIr2O6. *Physical Review B*, **2021**, 103,	3.3	1
318	Coexistence of superconductivity and antiferromagentic order in Er2O2Bi with anti-ThCr2Si2 structure. *Frontiers of Physics*, **2021**, 16, 1	3.7	2
317	Normal-state and superconducting properties of the cubic Laves phase ThIr2. *Intermetallics*, **2021**, 128, 106993	3.5	3
316	Superconductivity and high hardness in metal-rich carbides MoRe2C and WRe2C. *Journal of Alloys and Compounds*, **2021**, 856, 157314	5.7	4
315	Superconductivity and paramagnetism in Cr-containing tetragonal high-entropy alloys. *Journal of Alloys and Compounds*, **2021**, 869, 159293	5.7	2
314	M□ssbauer Study of BaTh2Fe4As4(N0.7O0.3)2. *Physica Status Solidi (B): Basic Research*, **2021**, 258, 2100125	1.3	0
313	Block-layer model for intergrowth structures. *Nano Research*, **2021**, 14, 3629-3635	10	1
312	Synthesis, Structure and Properties of Layered Phosphide Nitrides AkTh2Mn4P4N2 (Ak = Rb, Cs)□ *Chinese Journal of Chemistry*, **2021**, 39, 2873-2880	4.9	
311	Superconductivity and strong spin-orbit coupling in a new noncentrosymmetric compound ThIrP. *Science China: Physics, Mechanics and Astronomy*, **2021**, 64, 1	3.6	1
310	Structural evolution and superconductivity tuned by valence electron concentration in the Nb-Mo-Re-Ru-Rh high-entropy alloys. *Journal of Materials Science and Technology*, **2021**, 85, 11-17	9.1	7

309	Superconducting interstitial MoReRuC medium-entropy alloys with a hexagonal structure. *Journal of Alloys and Compounds*, **2021**, 162131	5.7	2
308	Anisotropic lattice expansion and enhancement of superconductivity induced by interstitial carbon doping in Rhenium. *Journal of Alloys and Compounds*, **2021**, 878, 160290	5.7	3
307	Flux growth, mixed valence state and superconductivity of Sn4Sb3 intermetallic crystals. *Intermetallics*, **2021**, 137, 107301	3.5	1
306	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. *Advanced Materials*, **2021**, e2108550	24	1
305	NMR and NQR studies on transition-metal arsenide superconductors LaRu2As2, KCa2Fe4As4F2, and A 2Cr3As3. *Chinese Physics B*, **2020**, 29, 067402	1.2	5
304	Metal-to-metal transition and heavy-electron state in Nd4Ni3O10□ *Physical Review B*, **2020**, 101,	3.3	10
303	Superconductivity-induced transverse plasma mode and phonon anomaly in the c-axis response of the bilayer compound RbCa2Fe4As4F2. *Physical Review B*, **2020**, 101,	3.3	2
302	Superconductivity in hexagonal Nb-Mo-Ru-Rh-Pd high-entropy alloys. *Scripta Materialia*, **2020**, 182, 109-113	5.6	14
301	ThMnPnN (Pn = P, As): Synthesis, Structure, and Chemical Pressure Effects. *Inorganic Chemistry*, **2020**, 59, 2937-2944	5.1	6
300	Magnetic properties of EuFeAs2 and the 14 K superconductor EuFe0.97Ni0.03As2. *Journal of Magnetism and Magnetic Materials*, **2020**, 503, 166603	2.8	4
299	Superconductivity and magnetism in RbEu(Fe Co)As. *Journal of Physics Condensed Matter*, **2020**, 32, 175701	2.1	1
298	Superconductivity in ternary borides MReB (M□= Mo, W) with the CuAl2-type structure. *Journal of Alloys and Compounds*, **2020**, 832, 154855	5.7	2
297	Formation and Superconductivity of Single-Phase High-Entropy Alloys with a Tetragonal Structure. *ACS Applied Electronic Materials*, **2020**, 2, 1130-1137	4	5
296	Superconductivity and phase separation in electrochemically hydrogenized K1□r3As3Hx. *Physical Review Materials*, **2020**, 4,	3.2	1
295	Observation of a neutron spin resonance in the bilayered superconductor CsCaFeAsF. *Journal of Physics Condensed Matter*, **2020**, 32, 435603	1.8	5
294	Effects of proton irradiation on the magnetic superconductor EuFe2(As1 □x P x)2. *Superconductor Science and Technology*, **2020**, 33, 094011	3.1	6
293	Polymorphism and superconductivity in the V-Nb-Mo-Al-Ga high-entropy alloys. *Science China Materials*, **2020**, 63, 823-831	7.1	12
292	Crossover from ferromagnetic superconductor to superconducting ferromagnet in P-doped EuFe2(As1□Px)2. *Physical Review B*, **2020**, 102,	3.3	2

291	Doping-Induced Superconductivity in the Topological Semimetal Mo5Si3. *Chemistry of Materials*, **2020**, 32, 8930-8937	9.6	1
290	A new Majorana platform in an Fe-As bilayer superconductor. *Nature Communications*, **2020**, 11, 5688	17.4	22
289	M□ssbauer study of Ba2Ti2Fe2As4O. *Journal of Alloys and Compounds*, **2020**, 848, 155706	5.7	1
288	Type-I superconductivity in noncentrosymmetric NbGe2. *Physical Review B*, **2020**, 102,	3.3	2
287	Topological Dirac states in a layered telluride TaPdTe5 with quasi-one-dimensional PdTe2 chains. *Physical Review B*, **2020**, 102,	3.3	3
286	Direct Observation of Vortex and Meissner Domains in a Ferromagnetic Superconductor EuFe2(As0.79P0.21)2 Single Crystal. *JETP Letters*, **2019**, 109, 521-524	1.2	5
285	Superconductivity in Europium Bismuth Sulfofluorides. *Journal of the Physical Society of Japan*, **2019**, 88, 041003	1.5	1
284	Normal-state properties of the quasi-one-dimensional superconductor TaPdTe. *Journal of Physics Condensed Matter*, **2019**, 31, 325601	1.8	1
283	BaTh2Fe4As4(N0.7O0.3)2: An iron-based superconductor stabilized by inter-block-layer charge transfer. *Science China Materials*, **2019**, 62, 1357-1362	7.1	6
282	Band-selective clean-limit and dirty-limit superconductivity with nodeless gaps in the bilayer iron-based superconductor CsCa2Fe4As4F2. *Physical Review B*, **2019**, 99,	3.3	13
281	Type-II superconductivity in W5Si3-type Nb5Sn2Al. *Superconductor Science and Technology*, **2019**, 32, 045010	3.1	2
280	Giant anisotropy in superconducting single crystals of CsCa2Fe4As4F2. *Physical Review B*, **2019**, 99,	3.3	21
279	Study of the Rare Earth Effects on the Magnetic Fluctuations in RbLn2Fe4As4O2 (Ln (=) Tb, Dy, and Ho) by M□ssbauer Spectroscopy. *Journal of Superconductivity and Novel Magnetism*, **2019**, 32, 361-365	1.5	
278	Universal critical behavior in the ferromagnetic superconductor Eu(Fe0.75Ru0.25)2As2. *Physical Review B*, **2019**, 100,	3.3	3
277	Enhancement of the upper critical field in the cubic Laves-phase superconductor HfV2 by Nb doping. *Superconductor Science and Technology*, **2019**, 32, 125004	3.1	2
276	Superconducting phase diagram and nontrivial band topology of structurally modulated Sn1□Sbx. *Physical Review Materials*, **2019**, 3,	3.2	2
275	Superconductivity induced by aging and annealing in K1□r3As3Hx. *Physical Review Materials*, **2019**, 3,	3.2	4
274	Microwave analysis of the interplay between magnetism and superconductivity in EuFe2(As1□Px)2 single crystals. *Physical Review Research*, **2019**, 1,	3.9	13

273	Neutron Powder Diffraction Study on the Non-Superconducting Phases of ThFeAsN1− O x (x = 0.15, 0.6) Iron Pnictide*. *Chinese Physics Letters*, **2019**, 36, 107403	1.8	0
272	Lifshitz transition and nontrivial H-doping effect in the Cr-based superconductor KCr3As3Hx. *Physical Review B*, **2019**, 100,	3.3	10
271	Enhanced superconductivity in a misfit compound (PbSe)1.12 (TaSe2)2 with double TaSe2 layers. *Europhysics Letters*, **2019**, 128, 17004	1.6	2
270	Pressure-induced enhancement of superconductivity and quantum criticality in the 12442-type hybrid-structure superconductor KCa2Fe4As4F2. *Physical Review B*, **2019**, 99,	3.3	12
269	Effect of pressure on the self-hole-doped superconductor RbGdFeAsO. *Journal of Physics Condensed Matter*, **2019**, 31, 044001	1.8	1
268	Multigap nodeless superconductivity in CsCa2Fe4As4F2 probed by heat transport. *Physical Review B*, **2019**, 99,	3.3	14
267	Two-gap superconductivity with line nodes in CsCa2Fe4As4F2. *Physical Review B*, **2018**, 97,	3.3	21
266	Nodal multigap superconductivity in KCa2Fe4As4F2. *Physical Review B*, **2018**, 97,	3.3	25
265	Unique [MnBi] Nanowires in KMnBi: A Quasi-One-Dimensional Antiferromagnetic Metal. *Journal of the American Chemical Society*, **2018**, 140, 4391-4400	16.4	14
264	Pressure effects on the electronic properties of the undoped superconductor ThFeAsN. *Physical Review B*, **2018**, 97,	3.3	6
263	Evidence for nodal superconductivity in a layered compound TaPdTe. *Journal of Physics Condensed Matter*, **2018**, 30, 055701	1.8	1
262	M□ssbauer spectroscopy measurements on the 35.5 K superconductor Rb1□uFe4As4. *Physical Review B*, **2018**, 97,	3.3	16
261	Magnetism of the 35 K superconductor CsEuFeAs. *Journal of Physics Condensed Matter*, **2018**, 30, 155803	1.8	8
260	Superconducting and magnetic phase diagram of RbEuFe4As4 and CsEuFe4As4 at high pressure. *Physical Review B*, **2018**, 98,	3.3	19
259	Superconductivity in a misfit layered compound (SnSe)(NbSe). *Journal of Physics Condensed Matter*, **2018**, 30, 355701	1.8	7
258	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor EuFe(AsP). *Science Advances*, **2018**, 4, eaat1061	14.3	35
257	M□ssbauer spectroscopy study of magnetic fluctuations in superconducting RbGd2Fe4As4O2. *Physica C: Superconductivity and Its Applications*, **2018**, 548, 21-26	1.3	3
256	Peculiar phase diagram with isolated superconducting regions in ThFeAsN O. *Journal of Physics Condensed Matter*, **2018**, 30, 255602	1.8	8

255	A possible family of Ni-based high temperature superconductors. *Science Bulletin*, **2018**, 63, 957-963	10.6	9
254	Weak metal-metal transition in the vanadium oxytelluride Rb1▯V2Te2O. *Physical Review B*, **2018**, 97,	3.3	6
253	Self-doped iron-based superconductors with intergrowth structures. *Wuli Xuebao/Acta Physica Sinica*, **2018**, 67, 207406	0.6	2
252	Magnetism and superconductivity in Eu(Fe1▯Nix)As2 (x = 0, 0.04). *Science China: Physics, Mechanics and Astronomy*, **2018**, 61, 1	3.6	6
251	VTeO: A Two-Dimensional van der Waals Correlated Metal. *Inorganic Chemistry*, **2018**, 57, 14617-14623	5.1	3
250	Multigap Superconductivity in RbCa2Fe4As4F2 Investigated Using ▯SR Measurements. *Journal of the Physical Society of Japan*, **2018**, 87, 124705	1.5	10
249	Spin glass, single-ion and dense Kondo effects in La 1▯ Ce x FePO. *Europhysics Letters*, **2018**, 123, 57002	1.6	1
248	Superconductivity in SnSb with a natural superlattice structure. *Superconductor Science and Technology*, **2018**, 31, 125011	3.1	6
247	Superconductivity with peculiar upper critical fields in quasi-one-dimensional Cr-based pnictides. *Chinese Physics B*, **2018**, 27, 107401	1.2	7
246	Pressure effects on superconductivity and structural parameters of ThFeAsN. *Europhysics Letters*, **2018**, 123, 67004	1.6	3
245	Neutron diffraction study on magnetic structures and transitions in Sr2Cr3As2O2. *Physical Review B* , **2018**, 98,	3.3	4
244	Unique interplay between superconducting and ferromagnetic orders in EuRbFe4As4. *Physical Review B*, **2018**, 98,	3.3	15
243	Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound Ba 2 Ti 2 Fe 2 As 4 O. *Chinese Physics Letters*, **2018**, 35, 057401	1.8	
242	Temperature and angular dependence of the upper critical field in K2Cr3As3. *Physical Review B*, **2017**, 95,	3.3	19
241	Effect of Sr doping in layered Eu3Bi2S4F4superconductor. *Superconductor Science and Technology*, **2017**, 30, 015005	3.1	8
240	Synthesis, Crystal Structure and Superconductivity in RbLn2Fe4As4O2 (Ln = Sm, Tb, Dy, and Ho). *Chemistry of Materials*, **2017**, 29, 1805-1812	9.6	27
239	Peculiar properties of -chain-based superconductors. *Philosophical Magazine*, **2017**, 97, 591-611	1.6	17
238	Peculiar properties of the ferromagnetic superconductor Eu(Fe0.91Rh0.09)2As2. *Superconductor Science and Technology*, **2017**, 30, 025012	3.1	6

237	Superconductivity at 35 K by self doping in RbGdFeAsO. *Journal of Physics Condensed Matter*, **2017**, 29, 11LT01	1.8	17
236	Neutron powder diffraction study on the iron-based nitride superconductor ThFeAsN. *Europhysics Letters*, **2017**, 117, 57005	1.6	12
235	Unveiling pairing mechanism in quasi-one-dimensional Cr-based superconductors. *Science Bulletin*, **2017**, 62, 206-207	10.6	2
234	Absence of the stripe antiferromagnetic order in the new 30 K superconductor ThFeAsN. *Journal of Alloys and Compounds*, **2017**, 695, 1128-1136	5.7	16
233	Crystal structure and superconductivity at about 30 K in ACa2Fe4As4F2 (A = Rb, Cs). *Science China Materials*, **2017**, 60, 83-89	7.1	38
232	Synthesis, crystal structure and physical properties of a new oxypnictide Ba2Ti2Cr2As4O containing [Ti2As2O]2□and [Cr2As2]2□layers. *Journal of Alloys and Compounds*, **2017**, 694, 1149-1153	5.7	4
231	Multigap superconductivity in ThAsFeN investigated using □R measurements. *Physical Review B*, **2017**, 96,	3.3	19
230	Evidence of spontaneous vortex ground state in an iron-based ferromagnetic superconductor. *Npj Quantum Materials*, **2017**, 2,	5	12
229	Enhanced superconductivity in ThNiAsN. *Europhysics Letters*, **2017**, 118, 57004	1.6	9
228	Magnetic properties of single crystal EuPt2As2. *Journal of Alloys and Compounds*, **2017**, 728, 959-965	5.7	1
227	Anisotropic upper critical magnetic fields in RbCrAs superconductor. *Journal of Physics Condensed Matter*, **2017**, 29, 424002	1.8	2
226	High-T superconductivity in undoped ThFeAsN. *Nature Communications*, **2017**, 8, 156	17.4	17
225	Effects of pressure and magnetic field on the reentrant superconductor Eu(Fe0.93Rh0.07)2As2. *Physical Review B*, **2017**, 95,	3.3	2
224	Reentrant phases in electron-doped EuFe2As2: Spin glass and superconductivity. *Physical Review B*, **2017**, 95,	3.3	3
223	Absence of magnetism in the superconductor Ba2Ti2Fe2As4O: Insights from inelastic neutron scattering measurements and ab initio calculations of phonon spectra. *Physical Review B*, **2017**, 95,	3.3	5
222	Visualization of the magnetic flux structure in phosphorus-doped EuFe2As2 single crystals. *JETP Letters*, **2017**, 105, 98-102	1.2	15
221	Optical properties of superconducting EuFe2 (As1-xPx)2. *Physica Status Solidi (B): Basic Research*, **2017**, 254, 1600148	1.3	8
220	RbEu(Fe1□Nix)4As4: From a ferromagnetic superconductor to a superconducting ferromagnet. *Physical Review B*, **2017**, 96,	3.3	19

219	Superconductivity at 33□7 K in ALn2Fe4As4O2 (A=Kand Cs;Ln=lanthanides). *Physical Review Materials*, **2017**, 1,	3.2	23
218	Magnetic polarization of Ir in underdoped nonsuperconducting Eu(Fe0.94Ir0.06)2As2. *Physical Review B*, **2016**, 93,	3.3	7
217	Cs133 and As75 NMR investigation of the normal metallic state of quasi-one-dimensional Cs2Cr3As3. *Physical Review B*, **2016**, 93,	3.3	16
216	Superconductivity and ferromagnetism in hole-doped RbEuFe4As4. *Physical Review B*, **2016**, 93,	3.3	68
215	Charge fluctuations and nodeless superconductivity in quasi-one-dimensional Ta4Pd3Te16 revealed by Te125-NMR and Ta181-NQR. *Physical Review B*, **2016**, 94,	3.3	10
214	Fluence-dependent femtosecond quasiparticle and Eu2+ spin relaxation dynamics in EuFe2(As,P)2. *Physical Review B*, **2016**, 94,	3.3	1
213	Role of valence changes and nanoscale atomic displacements in BiS-based superconductors. *Scientific Reports*, **2016**, 6, 37394	4.9	9
212	Pd site doping effect on superconductivity in Nb 2 Pd 0.76 S 5. *Europhysics Letters*, **2016**, 113, 37006	1.6	3
211	Superconductivity in KCa2Fe4As4F2 with Separate Double Fe2As2 Layers. *Journal of the American Chemical Society*, **2016**, 138, 7856-9	16.4	67
210	Penetration depth measurements of K2Cr3As3 and Rb2Cr3As3. *Journal of Magnetism and Magnetic Materials*, **2016**, 400, 84-87	2.8	17
209	Effect of impurity scattering on superconductivity in K2Cr3As3. *Science China: Physics, Mechanics and Astronomy*, **2016**, 59, 1	3.6	13
208	A New ZrCuSiAs-Type Superconductor: ThFeAsN. *Journal of the American Chemical Society*, **2016**, 138, 2170-3	16.4	46
207	Superconductivity in Ta3Pd3Te14 with quasi-one-dimensional PdTe2 chains. *Scientific Reports*, **2016** , 6, 21628	4.9	10
206	A new ferromagnetic superconductor: CsEuFe 4 As 4. *Science Bulletin*, **2016**, 61, 1213-1220	10.6	42
205	Correlation between superconductivity and bond angle of CrAs chain in non-centrosymmetric compounds ACrAs (A = K, Rb). *Scientific Reports*, **2016**, 6, 37878	4.9	15
204	Two superconducting domes separated by a possible Lifshitz transition in LaFeAs1□PxO. *Journal of Applied Physics*, **2016**, 119, 083903	2.5	4
203	Coexistence of superconductivity and ferromagnetism in Sr0.5Ce0.5FBiS2. *Physical Review B*, **2015**, 91,	3.3	33
202	New high-T c iron-selenide superconductor with hydroxide spacer layers. *Science China Materials*, **2015**, 58, 1-2	7.1	1

201	Superconductivity in quasi-one-dimensional Cs2Cr3As3 with large interchain distance. *Science China Materials*, **2015**, 58, 16-20	7.1	99
200	Quasi-linear magnetoresistance and the violation of Kohler's rule in the quasi-one-dimensional $Ta_4Pd_3Te_{16}$ superconductor. *Journal of Physics Condensed Matter*, **2015**, 27, 335701	1.8	14
199	Multiband superconductivity in Ta4Pd3Te16 with anisotropic gap structure. *Journal of Physics Condensed Matter*, **2015**, 27, 325701	1.8	6
198	NMR investigation of the quasi-one-dimensional superconductor K(2)Cr(3)As(3). *Physical Review Letters*, **2015**, 114, 147004	7.4	68
197	Superconductivity enhanced by Se doping in Eu 3 Bi 2 (S,Se) 4 F 4. *Europhysics Letters*, **2015**, 111, 27002	1.6	17
196	Coexistence of superconductivity and complex 4 f magnetism in Eu0.5Ce0.5BiS2F. *Journal of Physics Condensed Matter*, **2015**, 27, 385701	1.8	11
195	Angle-resolved vortex glass transition and pinning properties in BaFe1.8Co0.2As2 single crystals. *Journal of Applied Physics*, **2015**, 117, 173901	2.5	9
194	Superconductivity in Quasi-One-Dimensional K2Cr3As3 with Significant Electron Correlations. *Physical Review X*, **2015**, 5,	9.1	102
193	Magnetic ground state of superconducting Eu(Fe0.88Ir0.12)2As2: A combined neutron diffraction and first-principles calculation study. *Physical Review B*, **2015**, 91,	3.3	27
192	Cluster spin-glass ground state in quasi-one-dimensional KCr3As3. *Physical Review B*, **2015**, 91,	3.3	35
191	Evidence for nodal superconductivity in quasi-one-dimensional K2Cr3As3. *Physical Review B*, **2015**, 91,	3.3	75
190	Nodal superconductivity and superconducting dome in the layered superconductor Ta4Pd3Te16. *Physical Review B*, **2015**, 92,	3.3	14
189	Physical properties and electronic structure of Sr2Cr3As2O2 containing CrO2 and Cr2As2 square-planar lattices. *Physical Review B*, **2015**, 92,	3.3	16
188	Evidence for two distinct superconducting phases in EuBiS2F under pressure. *Physical Review B*, **2015**, 91,	3.3	28
187	Ferromagnetic Spin Fluctuation and Unconventional Superconductivity in Rb2Cr3As3 Revealed by 75As NMR and NQR. *Physical Review Letters*, **2015**, 115, 147002	7.4	45
186	Electronic structure of quasi-one-dimensional superconductor K2Cr3As3 from first-principles calculations. *Scientific Reports*, **2015**, 5, 16054	4.9	59
185	Scanning tunneling microscopy study of superconductivity, magnetic vortices, and possible charge-density wave in Ta4Pd3Te16. *Physical Review B*, **2015**, 91,	3.3	16
184	Coexistence of ferromagnetism and superconductivity in iron based pnictides: a time resolved magnetooptical study. *Scientific Reports*, **2015**, 5, 7754	4.9	17

183	Synthesis, crystal structure and physical properties of quasi-one-dimensional ACr3As3(A = Rb, Cs). *Science China Materials*, **2015**, 58, 543-549	7.1	21
182	Raman scattering investigation of the quasi-one-dimensional superconductor Ta□Pd□Te□ *Journal of Physics Condensed Matter*, **2015**, 27, 495701	1.8	3
181	Unconventional superconductivity in quasi-one-dimensional Rb2Cr3As3. *Physical Review B*, **2015**, 91,	3.3	108
180	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxypnictide. *Nature Materials*, **2014**, 13, 777-81	27	34
179	Superconductivity in a layered Ta4Pd3Te16 with PdTe2 chains. *Journal of the American Chemical Society*, **2014**, 136, 1284-7	16.4	40
178	Design and synthesis of a new layered thermoelectric material LaPbBiS3O. *Inorganic Chemistry*, **2014**, 53, 11125-9	5.1	28
177	Possible charge-density wave, superconductivity, and f-electron valence instability in EuBiS2F. *Physical Review B*, **2014**, 90,	3.3	93
176	Anomalous Eu valence state and superconductivity in undoped Eu3Bi2S4F4. *Journal of the American Chemical Society*, **2014**, 136, 15386-93	16.4	67
175	Photoexcited Eu2+ spin dynamics in EuFe2As2. *Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)*, **2014**, 116, 832-835	0.7	
174	Kramers non-magnetic superconductivity in LnNiAsO superconductors. *Journal of Physics Condensed Matter*, **2014**, 26, 425701	1.8	4
173	Magnetic properties of EuCuAs single crystal. *Journal of Alloys and Compounds*, **2014**, 602, 26-31	5.7	4
172	Relationship between Superconductivity and Antiferromagnetism in LaFe(As1□Px)O Revealed by 31P-NMR. *Journal of the Physical Society of Japan*, **2014**, 83, 023707	1.5	23
171	Electronic structure of Eu(Fe0.79Ru0.21)2As2 studied by angle-resolved photoemission spectroscopy. *Journal of Physics Condensed Matter*, **2014**, 26, 265701	1.8	0
170	Electronic phase diagram in a new BiS2-based Sr1□LaxFBiS2system. *Superconductor Science and Technology*, **2014**, 27, 035009	3.1	22
169	Spectrally resolved femtosecond reflectivity relaxation dynamics in undoped spin-density wave 122-structure iron-based pnictides. *Physical Review B*, **2014**, 89,	3.3	10
168	Magnetic structure of the high temperature superconductor Gd1□ThxFeAsO. *Journal of Applied Physics*, **2014**, 115, 17D705	2.5	0
167	Pressure-enhanced superconductivity in Eu3Bi2S4F4. *Physical Review B*, **2014**, 90,	3.3	30
166	Correlation-induced self-doping in the iron-pnictide superconductor Ba2Ti2Fe2As4O. *Physical Review Letters*, **2014**, 113, 266407	7.4	19

165	Sr 0.9 K 0.1 Zn 1.8 Mn 0.2 As 2 : A ferromagnetic semiconductor with colossal magnetoresistance. *Europhysics Letters*, **2014**, 107, 67007	1.6	8
164	Variable range hopping conductivity and spin glass behavior in spin-ladder Ba0.6K0.4Fe2Se3 single crystals. *Journal of Physics Condensed Matter*, **2014**, 26, 026002	1.8	3
163	Coexistence of superconductivity and density wave in Ba2Ti2Fe2As4O: An optical spectroscopy study. *Physical Review B*, **2014**, 90,	3.3	8
162	Raman scattering investigation of superconducting Ba2Ti2Fe2As4O. *Physical Review B*, **2014**, 89,	3.3	7
161	Electronic nematicity revealed by torque magnetometry in EuFe2(As1−xPx)2. *Physical Review B*, **2014**, 89,	3.3	11
160	Crystal chemistry and structural design of iron-based superconductors. *Chinese Physics B*, **2013**, 22, 087410	1.2	32
159	Effect of Zn doping in under- and over-doped LaFe 1−x Co x AsO system. *Europhysics Letters*, **2013**, 102, 37003	1.6	7
158	Superconductivity, charge- or spin-density wave, and metal-nonmetal transition in BaTi2(Sb1−xBix)2O. *Physical Review B*, **2013**, 87,	3.3	33
157	Anomalous critical fields and the absence of Meissner state in Eu(Fe0.88Ir0.12)2As2crystals. *New Journal of Physics*, **2013**, 15, 113002	2.9	17
156	Superconductivity induced by La doping in Sr1−xLaxFBiS2. *Physical Review B*, **2013**, 87,	3.3	146
155	Li2RhO3: A spin-glassy relativistic Mott insulator. *Physical Review B*, **2013**, 87,	3.3	36
154	Magnetic structure of superconducting Eu(Fe0.82Co0.18)2As2 as revealed by single-crystal neutron diffraction. *Physical Review B*, **2013**, 88,	3.3	29
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