

Re-emerging superconductivity at 48 kelvin in iron ch

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Superfluid density and superconducting gaps of RbFe $_{2}$ As $_{2}$ as a function of hydrostatic pressure. Physical Review B, 2012, 86.	1.1	18
2	Magnetic and structural phase diagram of CaVn $_{2}$ Sb $_{2}$. Physical Review B, 2012, 86.	1.1	17
3	Microscopic Model for Iron-Based Superconductors. Physical Review X, 2012, 2, .	2.8	57
4	Magnetic and structural phase diagram of CaVn $_{2}$ Sb $_{2}$. Physical Review B, 2012, 86.	1.1	23
5	Effective Doping and Suppression of Fermi Surface Reconstruction via Fe Vacancy Disorder in KxFe $_{2}$ ~ySe $_{2}$. Physical Review Letters, 2012, 109, 147003.	2.9	43
6	Superconductivity and magnetism in Rb $_{0.8}$ Fe $_{1.6}$ Se $_{2}$ under pressure. Physical Review B, 2012, 85, .	1.1	27
7	Nematic orders in iron-based superconductors. Physica C: Superconductivity and Its Applications, 2012, 481, 215-222.	0.6	35
8	Pressure-Driven Quantum Criticality in Iron-Selenide Superconductors. Physical Review Letters, 2012, 108, 197001.	2.9	54
9	Observation of superconductivity at 30~446K in A $_{x}$ Fe $_{2}$ Se $_{2}$ (A = Li, Na, Ba, Sr, Ca, Yb and Eu). Scientific Reports, 2012, 2, 426.	1.6	282
10	High pressure structures of ~type iron-based superconductors predicted from first-principles. Physical Chemistry Chemical Physics, 2012, 14, 15029.	1.3	16
11	Overview on the physics and materials of the new superconductor K $_{x}$ Fe $_{2}$ Se $_{2}$. Reports on Progress in Physics, 2012, 75, 112501.	8.1	36
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16	Electronic origin of high-temperature superconductivity in single-layer FeSe superconductor. Nature Communications, 2012, 3, 931.	5.8	495
17	What have we learned from high-pressure experiments on Cu-oxide and Fe-based superconductors?. Journal of Physics: Conference Series, 2013, 449, 012021.	0.3	6
18	Crystal chemistry and structural design of iron-based superconductors. Chinese Physics B, 2013, 22, 087410.	0.7	43

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20	Chemical Excision of Tetrahedral FeSe ₂ Chains from the Superconductor FeSe: Synthesis, Crystal Structure, and Magnetism of Fe ₃ Se ₄ (en) ₂ . Journal of the American Chemical Society, 2013, 135, 19111-19114.	6.6	38
21	Orbital-dependent effects of electron correlations in microscopic models for iron-based superconductors. Current Opinion in Solid State and Materials Science, 2013, 17, 65-71.	5.6	20
22	Exploring FeSe-based superconductors by liquid ammonia method. Chinese Physics B, 2013, 22, 087412.	0.7	14
23	Pressure-induced ferromagnetism in antiferromagnetic Fe _{1.03} Te. Physical Review B, 2013, 87, .	1.1	27
24	Charge density wave fluctuations, heavy electrons, and superconductivity in KNi ₂ S ₂ . Two-Dimensional Superfluid Density in an Alkali Metal Organic Solvent Intercalated Iron Selenide Superconductor.	1.1	42
25	Li _{1-x} FeSe ₂ and related superconductors. Science and Technology of Advanced Materials, 2013, 14, 014402.	2.9	20
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43	Pressure effects on T_c in superconducting $(\text{Tl}, \text{Cs})_{1-x}\text{Fe}_2\text{Se}_2$. Journal of Applied Physics, 2013, 113, 153903.	1.1	2
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57	High-pressure effects in anti-post-perovskite superconductors x ₁ Fe ₂ Se ₂	1.1	92
57	High-pressure effects in anti-post-perovskite superconductors x ₁ Fe ₂ Se ₂	1.1	92
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67	Pressure-induced Superconductivity and Its Scaling with Doping-induced Superconductivity in the Iron Pnictide with Skutterudite Intermediary Layers. Advanced Materials, 2014, 26, 2346-2351.	11.1	26
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129	Superconductivity in $(NH_3)_yNa_xFeSe_{0.5}Te_{0.5}$. <i>Physical Review B</i> , 2016, 94, .	1.1	9

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131	High-temperature superconductivity in iron pnictides and chalcogenides. Nature Reviews Materials, 2016, 1, .	23.3	352
132	Emergence of superconductivity in (NH ₃) _y M _x MoSe ₂ (M: Li, Na and K). Scientific Reports, 2016, 6, 29292.	1.6	10
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