

# A Krzton-Maziopa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11377037/publications.pdf>

Version: 2024-02-01

38  
papers

1,259  
citations

394421

19  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1067  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-induced enhancement of two-dimensionality in $La_{1-x}O$		

#	ARTICLE	IF	CITATIONS
19	Interplay of electronic and lattice degrees of freedom in $\text{A}1\hat{x}\text{Fe}2\hat{y}\text{Se}2$ superconductors under pressure. <i>Physical Review B</i> , 2013, 88, .	3.2	16
20	Effect of external pressure on $T_c$ of as-grown and thermally treated superconducting $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ single crystals. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 218-220. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.4	2
21	Magnetic field tuned anisotropy in superconducting $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ single crystals. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 218-220. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.2	16
22	Superconductivity and magnetism in $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ single crystals. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 218-220. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.2	8
23	Superconductivity and magnetism in $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ single crystals. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 218-220. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.2	32
24	Superconductivity and magnetism in $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ single crystals. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 218-220. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.2	24
25	Intrinsic crystal phase separation in the antiferromagnetic superconductor $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ : a diffraction study. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 435701.	3.2	61
26	Intrinsic crystal phase separation in the antiferromagnetic superconductor $\text{Rb}_x\text{Fe}_2\hat{y}\text{Se}_2$ : a diffraction study. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 435701.	1.8	28
27	Single crystals of novel alkali metal intercalated iron chalcogenide superconductors. <i>Journal of Crystal Growth</i> , 2012, 360, 155-157.	1.5	14
28	Microstructural analysis of phase separation in iron chalcogenide superconductors. <i>Superconductor Science and Technology</i> , 2012, 25, 084023.	3.5	49
29	Synthesis of a new alkali metal-organic solvent intercalated iron selenide superconductor with $T_c \approx 45$ K. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 382202.	1.8	88
30	ER suspensions of composite core-shell microspheres with improved sedimentation stability. <i>Polymers for Advanced Technologies</i> , 2012, 23, 702-709.	3.2	10
31	Room temperature antiferromagnetic order in superconducting $\text{X}_x\text{Fe}_2\hat{y}\text{Se}_2$ ( $X = \text{Rb}, \text{K}$ ): a neutron powder diffraction study. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 156003.	1.8	41
32	Temperature and Pressure Evolution of the Crystal Structure of $\text{A}_x\text{Fe}_2\hat{y}\text{Se}_2$ ( $A = \text{Cs}, \text{Rb}, \text{K}$ ) Studied by Synchrotron Powder Diffraction. <i>Inorganic Chemistry</i> , 2011, 50, 10703-10708.	4.0	20
33	Synthesis and crystal growth of $\text{Cs}_{0.8}(\text{FeSe}_{0.98})_2$ : a new iron-based superconductor with $T_c = 27$ K. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 052203.	1.8	272
34	Coexistence of Magnetism and Superconductivity in the Iron-Based Compound $\text{Cs}_{0.8}(\text{FeSe}_{0.98})_2$ . <i>Physical Review Letters</i> , 2011, 106, 117602.	7.8	163
35	Room temperature antiferromagnetic order in superconducting $\text{Cs}_x\text{Fe}_2\hat{y}\text{Se}_2$ ( $X = \text{Rb}, \text{K}$ ): a neutron powder diffraction study. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 156003.	3.2	88
36	Pressure cycle of superconducting $\text{Cs}_{0.8}\text{Fe}_2\text{Se}_2$ : A transport study. <i>Solid State Communications</i> , 2011, 151, 747-750.	1.9	17

#	ARTICLE	IF	CITATIONS
37	The synthesis, and crystal and magnetic structure of the iron selenide $\text{BaFe}_2\text{Se}_3$ with possible superconductivity at $T_c = 11$ K. Journal of Physics Condensed Matter, 2011, 23, 402201.	1.8	43
38	Electrorheological effect in hybrid fluids with liquid crystalline additives. Polymers for Advanced Technologies, 2006, 17, 41-44.	3.2	6