

# Kit Matan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3610420/publications.pdf>

Version: 2024-02-01

28  
papers

2,188  
citations

394421

19  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2362  
citing authors



#	ARTICLE	IF	CITATIONS
19	Dynamic Scaling in the Susceptibility of the Spin-1/2 Kagome Lattice Antiferromagnet Herbertsmithite. Physical Review Letters, 2010, 104, 147201.	7.8	120
20	Anisotropic itinerant magnetism and spin fluctuations in $\text{BaFe}_2\text{As}_2$ . A neutron scattering study. Physical Review B, 2009, 79, .	3.2	147
21	Single-Crystal Growth of the Ternary $\text{BaFe}_2\text{As}_2$ Phase Using the Vertical Bridgman Technique. Japanese Journal of Applied Physics, 2009, 48, 013004.	1.5	28
22	Polarized neutron scattering studies of the kagomé lattice antiferromagnet. Physica B: Condensed Matter, 2009, 404, 2529-2531.	2.7	3
23	Spin Dynamics of the Spin-1/2 Kagome Lattice Antiferromagnet $\text{ZnCu}_3(\text{OH})_6\text{Cl}_2$ . Physical Review Letters, 2007, 98, 107204.	7.8	706
24	X-ray scattering study of the spin-Peierls transition and soft phonon behavior in $\text{TiOCl}$ . Physical Review B, 2007, 76, .	3.2	28
25	Spin Waves in the Frustrated Kagomé Lattice Antiferromagnet $\text{KFe}_3(\text{OH})_6(\text{SO}_4)_2$ . Physical Review Letters, 2006, 96, 247201.	7.8	136
26	Spin chirality on a two-dimensional frustrated lattice. Nature Materials, 2005, 4, 323-328.	27.5	243
27	Thermodynamic and Transport Measurements of Superconducting $\text{Na}_0.3\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$ Single Crystals Prepared by Electrochemical Deintercalation. Physical Review Letters, 2004, 92, 157004.	7.8	115
28	Crumpling a Thin Sheet. Physical Review Letters, 2002, 88, 076101.	7.8	174