

N Bykovetz

List of Publications by Year in descending order

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26
papers

424
citations

1039880

9
h-index

713332

21
g-index

26
all docs

26
docs citations

26
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercalation of sodium heteroclusters into the C60 lattice. <i>Nature</i> , 1992, 360, 568-571.	13.7	165
2	Structural analysis of fullerene and fulleride solids from synchrotron X-ray powder diffraction. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1445-1457.	1.9	58
3	Unusual magnetic and lattice transformation in UNiSn, a possible half-metallic ferromagnetic system. <i>Journal of Applied Physics</i> , 1988, 63, 4127-4129.	1.1	40
4	Sn ²⁺ transferred hyperfine fields in the Europium monochalcogenides doped with tin monochalcogenides. <i>Solid State Communications</i> , 1976, 18, 143-148.	0.9	31
5	High-pressure Mössbauer study of the Curie temperatures and transferred hyperfine fields at ¹⁵¹ Eu and substitutional ¹¹⁹ Sn in EuS and EuSe. <i>Journal of Magnetism and Magnetic Materials</i> , 1979, 12, 77-82.	1.0	25
6	¹¹⁹ Sn Mössbauer study of magnetic structure in Sn-doped UPb ₃ and UIn ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 109, 98-102.	1.0	14
7	Anomalous thermodynamic, transport and Mössbauer properties of UNiSn: A half-metallic system. <i>Physica B: Condensed Matter</i> , 1991, 171, 362-366.	1.3	12
8	A ¹¹⁹ Sn Mössbauer study of the magnetic to nonmagnetic transition in U(In _{1-x} Sn _x) ₃ . <i>Physica B: Condensed Matter</i> , 1991, 171, 367-372.	1.3	12
9	Thermodynamic, transport and magnetic properties of single crystal Ni ₃ Al. <i>Solid State Communications</i> , 1992, 83, 863-866.	0.9	10
10	¹¹⁹ Sn Mössbauer study of the evolution of the magnetic state in U(Sn,Pb) ₃ . <i>Journal of Applied Physics</i> , 1987, 61, 4355-4357.	1.1	8
11	Studies of thermodynamic and magnetic properties of Ce _{1-x} Gd _x Sn ₃ . <i>Journal of Applied Physics</i> , 1991, 70, 6092-6094.	1.1	7
12	Magnetic and electrical properties of Co ₂ ScSn. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 116, 355-360.	1.0	6
13	Thermodynamic and magnetic properties of (Ni _{1-x} M _x) ₃ Al with M=Cu and Pd and Ni ₃ (Al _{1-x} Si _x). <i>Journal of Applied Physics</i> , 1993, 73, 5338-5340.	1.1	6
14	Critical region phase transitions in the quasi-2D magnet CrCl ₃ . <i>AIP Advances</i> , 2019, 9, .	0.6	6
15	¹¹⁹ Sn Mössbauer and magnetization studies of Co ₂ ScSn. <i>Journal of Applied Physics</i> , 1993, 73, 6974-6976.	1.1	5
16	Evidence from experimental nuclear magnetic resonance data concerning possible fundamental inadequacies of the conventional spin-wave theory (abstract). <i>Journal of Applied Physics</i> , 1984, 55, 2062-2062.	1.1	4
17	NMR measurements of power-law behavior in the spin-wave and critical regions of ferromagnetic EuO. <i>Journal of Applied Physics</i> , 2010, 107, 09E142.	1.1	4
18	Magnetic susceptibility, specific heat and ¹¹⁹ Sn Mössbauer studies of the magnetic system Gd(In _{1-x} Sn _x) ₃ . <i>Journal of Applied Physics</i> , 1991, 70, 5995-5997.	1.1	3

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19	Coexistence of magnetic phases in EuSe and in (Eu, Sn) (Se, S). Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1322-1324.	1.0	2
20	Serious discrepancies between nuclear magnetic resonance and neutron scattering measurements in the critical region of classic two-dimensional magnets and anomalous behaviors at low temperatures. Journal of Applied Physics, 2011, 109, 07E119.	1.1	2
21	S33 NMR measurements in S33-enriched ferromagnetic EuS and the question of power-law behaviors. Journal of Applied Physics, 2009, 105, 07E103.	1.1	1
22	Is EuSe a pseudo two-dimensional magnetic system?. Journal of Applied Physics, 2011, 109, 07E165.	1.1	1
23	An exploration of some magnetic fundamentals in EuSe using μ SR. AIP Advances, 2016, 6, .	0.6	1
24	Serious discrepancies between nuclear magnetic resonance and neutron scattering measurements in the critical region of classic two-dimensional magnets and anomalous behaviors at low temperatures. , 0, .		1
25	Magnetic structure of UPb3 and UIn3: A ^{119}Sn Mössbauer study (abstract). Journal of Applied Physics, 1991, 69, 4825-4825.	1.1	0
26	Neutron scattering measurements in RbMnF3: A test of spin-wave-region theories at low temperatures and critical behavior near TN. Journal of Applied Physics, 2012, 111, 07E145.	1.1	0