

# Parashu Ram Kharel

## List of Publications by Year in descending order

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23  
papers

211  
citations

1163117

8  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	High energy product MnBi films with controllable anisotropy. Physica Status Solidi (B): Basic Research, 2015, 252, 1934-1939.	1.5	36
2	Structural disorder and magnetism in the spin-gapless semiconductor CoFeCrAl. AIP Advances, 2016, 6, .	1.3	33
3	Effect of partial substitution of In with Mn on the structural, magnetic, and magnetocaloric properties of Ni <sub>2</sub> Mn <sub>1+x</sub> In <sub>1-x</sub> Heusler alloys. Journal Physics D: Applied Physics, 2019, 52, 425305.	2.8	19
4	High energy product of MnBi by field annealing and Sn alloying. APL Materials, 2019, 7, 121111.	5.1	16
5	Near-room-temperature magnetocaloric properties of La <sup>x</sup> Sr <sub>x</sub> MnO <sub>3</sub> (x = 0.11, 0.17, and 0.19) nanoparticles. Materials Research Express, 2018, 5, 106103.	1.6	14
6	Atomic disorder induced modification of magnetization in MnCrVAI. Journal of Applied Physics, 2017, 122, .	2.5	10
7	Achieving High Pseudocapacitance Anode by An <i>In Situ</i> Nanocrystallization Strategy for Ultrastable Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 22577-22585.	8.0	10
8	Structure and magnetism of NiFeMnGaxSn1-x (x = 0, 0.25, 0.5, 0.75, 1.00) Heusler compounds. AIP Advances, 2019, 9, 035105.	1.3	8
9	Half-metallicity in CrAl-terminated Co <sub>2</sub> CrAl thin film. Journal of Physics Condensed Matter, 2019, 31, 495801.	1.8	7
10	Chemical substitution induced half-metallicity in CrMnSb(1-x)P <sub>x</sub> . Journal of Applied Physics, 2020, 128, .	2.5	7
11	Electronic, magnetic, and structural properties of Fe <sub>2</sub> MnSn Heusler alloy. AIP Advances, 2020, 10, .	1.3	7
12	Magnetic and magnetocaloric properties of Pr <sub>2-x</sub> NdxFe <sub>17</sub> ribbons. AIP Advances, 2019, 9, 035211.	1.3	6
13	First principles study of perpendicular magnetic anisotropy in thin-film Co <sub>2</sub> MnSi. Physica Scripta, 2021, 96, 125818.	2.5	6
14	Perpendicular magnetic anisotropy in half-metallic thin-film Co <sub>2</sub> CrAl. Journal of Physics Condensed Matter, 2021, 33, 105801.	1.8	6
15	Structural, magnetic and magnetocaloric properties of Ni <sub>43</sub> Mn <sub>46-x</sub> Fe <sub>x</sub> Sn <sub>11</sub> (x = 0, 6, 8, 10) alloys. AIP Advances, 2019, 9, 035005.	1.3	4
16	Electronic band structure and magnetism of CoFeV <sub>0.5</sub> Mn <sub>0.5</sub> Si. AIP Advances, 2022, 12, .	1.3	4
17	Modifying magnetic properties of MnBi with carbon: an experimental and theoretical study. Journal Physics D: Applied Physics, 2022, 55, 265003.	2.8	4
18	Magnetocaloric effect in Ni <sub>2</sub> MnxFeyInz Heusler alloys with second-order phase transition. AIP Advances, 2020, 10, .	1.3	3

#	ARTICLE	IF	CITATIONS
19	<i>Ab initio</i> study of alloying of MnBi to enhance the energy product. RSC Advances, 2021, 11, 30955-30960.	3.6	3
20	Large magnetocaloric effect in rapidly quenched Mn <sub>50</sub> Co <sub>x</sub> Ni <sub>40</sub> In <sub>10</sub> nanomaterials. Journal Physics D: Applied Physics, 2021, 54, 175003.	2.8	3
21	Electronic, magnetic, and structural properties of CrMnSb <sub>0.5</sub> Si <sub>0.5</sub> . Journal of Magnetism and Magnetic Materials, 2022, 553, 169267.	2.3	3
22	Structural, magnetic, and magnetocaloric properties of (Nd <sub>0.7</sub> Ce <sub>0.3</sub> )YFe <sub>17</sub> . Journal of Magnetism and Magnetic Materials, 2020, 513, 166989.	2.3	1
23	Electronic, structural and magnetic properties of Mn <sub>(1+x)</sub> Pt <sub>(1-x)</sub> Sb. Journal of Magnetism and Magnetic Materials, 2021, 537, 168234.	2.3	1