

# Selâşuk Kervan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11803119/publications.pdf>

Version: 2024-02-01

31  
papers

629  
citations

623188

14  
h-index

580395

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	A first-principle study of half-metallic ferrimagnetism in the Ti <sub>2</sub> CoGa Heusler compound. Journal of Magnetism and Magnetic Materials, 2012, 324, 645-648.	1.0	86
2	Half-metallic ferrimagnetism in the Ti <sub>2</sub> CoAl Heusler compound. Journal of Magnetism and Magnetic Materials, 2011, 323, 2945-2948.	1.0	85
3	Half-metallic properties of Ti <sub>2</sub> FeSi full-Heusler compound. Journal of Physics and Chemistry of Solids, 2011, 72, 1358-1361.	1.9	62
4	Spintronic properties of the Ti <sub>2</sub> CoB Heusler compound by density functional theory. Solid State Communications, 2011, 151, 1162-1164.	0.9	47
5	Half-metallic properties in the Fe <sub>2</sub> TiP full-Heusler compound. Intermetallics, 2013, 37, 88-91.	1.8	38
6	Half-metallicity in the full-Heusler Fe <sub>2</sub> MnP compound. Intermetallics, 2012, 24, 56-59.	1.8	36
7	Half-metallic ferrimagnetism in the full-Heusler compound Co <sub>2</sub> ScSb. Intermetallics, 2011, 19, 1642-1645.	1.8	34
8	Half-Metallic Ferrimagnetism in the Mn <sub>2</sub> NbAl Full-Heusler Compound: a First-Principles Study. Journal of Superconductivity and Novel Magnetism, 2016, 29, 187-192.	0.8	34
9	First-principles study on half-metallic ferromagnetism in the diluted magnetic semiconductor (DMS) Al <sub>1-x</sub> MnxP compounds. Journal of Magnetism and Magnetic Materials, 2015, 382, 63-70.	1.0	28
10	Half-metallicity in the inverse Heusler Ti <sub>2</sub> RuSn alloy: A first-principles prediction. Journal of Magnetism and Magnetic Materials, 2017, 426, 473-478.	1.0	27
11	First-principles study on half-metallic properties of the CoMnZ (Z=As, Se, Te) half-Heusler compounds. Intermetallics, 2014, 46, 45-50.	1.8	20
12	Magnetism and Half-Metallicity in the Fe <sub>2</sub> ZrP Heusler Alloy. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2573-2578.	0.8	20
13	Half-metallic ferromagnetism in the CsSe compound by density functional theory. Journal of Alloys and Compounds, 2015, 639, 162-167.	2.8	19
14	Half-Metallic Properties of the CrZrZ (Z = In, Sn, Sb, and Te) Half-Heusler Compounds by Ab Initio Calculations. Journal of Superconductivity and Novel Magnetism, 2017, 30, 657-664.	0.8	14
15	Half-metallic ferromagnetism in the RbX (X=As, Sb, Te) compounds with the rock salt and zinc-blende structures: A first-principles calculation. Intermetallics, 2014, 52, 1-8.	1.8	12
16	Half-Metallic Ferromagnetism in the Ti <sub>2</sub> CoGe Heusler Compound. Journal of Electronic Materials, 2012, 41, 1978-1981.	1.0	11
17	Thermal Conductivity Variation with Temperature for Lead-Free Ternary Eutectic Solders. Journal of Electronic Materials, 2013, 42, 3573-3581.	1.0	11
18	Magnetic Properties of the MnB Boride by Density Functional Theory. Journal of Superconductivity and Novel Magnetism, 2011, 24, 815-818.	0.8	9

#	ARTICLE	IF	CITATIONS
19	Crystal Structures and Magnetic Properties of the $\text{Co}_2\text{Mn}_2\text{V}_x\text{Sb}_{1-x}$ Heusler Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 409-416.	0.8	8
20	Ab Initio Prediction of Half-Metallic Ferrimagnetism in the $\text{MnTiZ}$ ( $Z = \text{S, Se, Te}$ ) Half-Heusler Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1767-1772.	0.8	7
21	Magnetic properties of $\text{R}_3\text{Co}_2\text{Si}_4\text{B}_{10}$ ( $\text{R}=\text{La, Ce, Pr, Nd, Sm, Gd}$ and $\text{Dy}$ ) borides. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1258-1261.	1.0	6
22	Physical Properties of $\text{Sm}_2\text{Gd}_x\text{Ni}_4\text{B}$ compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 793-799.	0.8	3
23	Physical and Magnetic Properties of $\text{Nd}_2\text{Gd}_x\text{Ni}_4\text{B}$ Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 763-768.	0.8	3
24	Half-metallicity of the $\text{FeCrTe}$ half-Heusler compound: Ab initio study. <i>Solid State Communications</i> , 2013, 155, 69-72.	0.9	3
25	Molecular Field Theory Analysis of $\text{TbCo}_3\text{Cu}_x$ Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 819-824.	0.8	2
26	Half-Metallic Properties of the $\text{Ru}_2\text{ZrSb}$ Full-Heusler Compound: a First-Principles Study. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 747-751.	0.8	2
27	Magnetic properties of the $\text{Nd}_2\text{Gd}_x\text{Co}_4\text{Si}$ compounds. <i>Materials Chemistry and Physics</i> , 2010, 120, 505-508.	2.0	1
28	Magnetic Properties of $\text{Sm}_2\text{Tb}_x\text{Ni}_4\text{B}$ compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1065-1070.	0.8	1
29	Gd Substitution Effects on the Magnetic Properties of the $\text{Pr}_2\text{Gd}_x\text{Co}_4\text{Si}$ Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 703-707.	0.8	0
30	Crystal Structures and Magnetic Properties of the $\text{R}_3\text{Co}_2\text{Ge}_4\text{B}_{10}$ ( $\text{R} = \text{Ce, Pr, Nd, Sm, Gd, and Dy}$ ) Borides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1645-1648.	0.8	0
31	Half-Metallic Properties of the $\text{Mn}_2\text{Te}$ Telluride by a First-Principles Study. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2799-2804.	0.8	0