

Elsa B Lopes

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ext. papers

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L-index

#	Paper	IF	Citations
126	Transport properties of the oxides $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ (0 . <i>Physical Review B</i> , 1988 , 37, 7476-7481	3.3	146
125	Gold complexes with dithiothiophene ligands: a metal based on a neutral molecule. <i>Chemistry - A European Journal</i> , 2001 , 7, 511-9	4.8	101
124	Metallic Conductivity in a Polyoxovanadate Radical Salt of Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF): Synthesis, Structure, and Physical Characterization of β -(BEDT-TTF) $_5$ [H ₃ V ₁₀ O ₂₈] $_4$ H ₂ O. <i>Advanced Materials</i> , 2004 , 16, 324-327	24	93
123	Conducting glasses as new potential thermoelectric materials: the Cu ₂ Te ₃ Se case. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1516-1521		68
122	O π S vs. N π S intramolecular nonbonded interactions in neutral and radical cation salts of TTF-oxazoline derivatives: synthesis, theoretical investigations, crystalline structures, and physical properties. <i>New Journal of Chemistry</i> , 2007 , 31, 1468	3.6	56
121	Transition metal bisdithiolene complexes based on extended ligands with fused tetrathiafulvalene and thiophene moieties: new single-component molecular metals. <i>Chemistry - A European Journal</i> , 2007 , 13, 9841-9	4.8	54
120	Order versus disorder in chiral tetrathiafulvalene-oxazoline radical-cation salts: structural and theoretical investigations and physical properties. <i>Chemistry - A European Journal</i> , 2010 , 16, 528-37	4.8	44
119	A comprehensive study of the crystallization of Cu ₂ As ₂ Te ₃ glasses: microstructure and thermoelectric properties. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8190	13	37
118	Semiconducting glasses: A new class of thermoelectric materials?. <i>Journal of Solid State Chemistry</i> , 2012 , 193, 26-30	3.3	34
117	Synthesis, Structure and Physical Properties of Tetrabutylammonium Salts of Nickel Complexes with the New Ligand dcbdt = 4,5-dicyanobenzene-1,2-dithiolate, [Ni(dcbdt) ₂] $_z$ [z = 0.4, 1, 2). <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 3119-3126	2.3	32
116	Organic Spin Ladders from Tetrathiafulvalene (TTF) Derivatives. <i>Advanced Functional Materials</i> , 2005 , 15, 1023-1035	15.6	31
115	Electronic and infrared properties of the β -sexithienyl single crystal. <i>Synthetic Metals</i> , 1991 , 42, 2359-2363	3.6	30
114	Physical characterization of functionalized spider silk: electronic and sensing properties. <i>Science and Technology of Advanced Materials</i> , 2011 , 12, 055002	7.1	28
113	Multistability in a family of DT π TTF organic radical based compounds (DT π TTF) $_4$ [M(L) $_2$] $_3$ (M = Au, Cu; L = pds, pdt, bdt). <i>Journal of Materials Chemistry</i> , 2005 , 15, 3187		26
112	Charge-density-wave dynamics in the molecular conductor (perylene) $_2$ Pt(mnt) $_2$ (mnt=maleonitriledithiolate). <i>Physical Review B</i> , 1995 , 52, R2237-R2240	3.3	26
111	Thermal stability and thermoelectric properties of Cu _x As _{40-x} Te _{60-y} Se _y semiconducting glasses. <i>Journal of Solid State Chemistry</i> , 2013 , 203, 212-217	3.3	25
110	Effective medium theory based modeling of the thermoelectric properties of composites: comparison between predictions and experiments in the glass π crystal composite system Si ₁₀ As ₁₅ Te ₇₅ Bi _{0.4} Sb _{1.6} Te ₃ . <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11090-11098	7.1	24

109	Mössbauer spectroscopy and magnetic transition of (BETS) ₂ FeCl ₄ . <i>Physical Review B</i> , 2010 , 81,	3.3	24
108	Magnetic field dependence of the metal-insulator transition in (PER) ₂ Pt(mnt) ₂ and (PER) ₂ Au(mnt) ₂ . <i>Solid State Communications</i> , 1991 , 80, 391-394	1.6	24
107	Charge Density Wave Non-Linear Transport in the Molecular Conductor (Perylene) ₂ Au(mnt) ₂ (mnt = maleonitriledithiolate). <i>Europhysics Letters</i> , 1994 , 27, 241-246	1.6	23
106	Chalcogenide Glasses as Prospective Thermoelectric Materials. <i>Journal of Electronic Materials</i> , 2011 , 40, 1015-1017	1.9	22
105	Growth of CuS platelet single crystals by the high-temperature solution growth technique. <i>Journal of Crystal Growth</i> , 2008 , 310, 2742-2745	1.6	21
104	Two New Families of Charge Transfer Solids Based on [M(mnt) ₂] _n and the Donors BMDT-TTF and EDT-TTF: Conducting and Magnetic Properties. <i>Journal of Solid State Chemistry</i> , 2002 , 168, 563-572	3.3	21
103	New conducting radical salts based upon Keggin-type polyoxometalates and perylene. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1867-1872		20
102	(EDT-TTF) ₂ [Au(mnt) ₂]: a weakly disordered molecular spin-ladder system. <i>Inorganic Chemistry</i> , 2013 , 52, 5300-6	5.1	19
101	Perylene salts with tetrahalogenoferrate(III) anions. Synthesis, crystal structure of [(C ₂₀ H ₁₂) ₃][FeCl ₄] and characterisation. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 3543-3549		19
100	Fast and scalable preparation of tetrahedrite for thermoelectrics via glass crystallization. <i>Journal of Alloys and Compounds</i> , 2016 , 664, 209-217	5.7	18
99	The family of molecular conductors [(n-Bu) ₄ N] ₂ [M(dcbdt) ₂] ₅ , M = Cu, Ni, Au; band filling and stacking modulation effects. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2825		18
98	Polymorphism in Thermoelectric As ₂ Te ₃ . <i>Inorganic Chemistry</i> , 2015 , 54, 9936-47	5.1	17
97	Synthesis and characterisation of charge transfer salts based on Au(dcdmp) ₂ and TTF type donors. <i>Synthetic Metals</i> , 1999 , 102, 1751-1752	3.6	17
96	Structure and physical properties of (n-Bu ₄ N) ₂ [Au(dcbdt) ₂] ₅ . <i>Synthetic Metals</i> , 2001 , 120, 1011-1012	3.6	16
95	Bilayer Molecular Metals Based on Dissymmetrical Electron Donors. <i>Inorganic Chemistry</i> , 2015 , 54, 6677-9.1	9.1	15
94	Electronic localization in an extreme 1-D conductor: the organic salt (TTDM-TTF) [Au(mnt)]. <i>European Physical Journal B</i> , 2002 , 29, 27-33	1.2	15
93	Thermal conductivity of K _{0.3} MoO ₃ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1988 , 130, 98-100	2.3	15
92	High thermoelectric performance in Sn-substituted As ₂ Te ₃ . <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2329-2338	7.1	14

91	Thermoelectric Properties of the As_2Te_3 Crystalline Phase. <i>Journal of Electronic Materials</i> , 2016 , 45, 1447-1452	1.9	14
90	Transport and magnetic properties of Ce_2NiIn_3 . <i>Journal of Alloys and Compounds</i> , 2007 , 432, 34-38	5.7	14
89	Oxidation Studies of $\text{Cu}_{12}\text{Sb}_3.9\text{Bi}_{0.1}\text{S}_{10}\text{Se}_3$ Tetrahedrite. <i>Journal of Electronic Materials</i> , 2018 , 47, 2880-2889	1.9	13
88	Polymorphism and Superconductivity in Bilayer Molecular Metals (CNB-EDT-TTF)I. <i>Inorganic Chemistry</i> , 2016 , 55, 10343-10350	5.1	13
87	Crystal structure and electronic properties of the new compounds, $\text{U}_6\text{Fe}_{16}\text{Si}_7$ and its interstitial carbide $\text{U}_6\text{Fe}_{16}\text{Si}_7\text{C}$. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 2926-2932	3.3	12
86	Structural, magnetic, and electrical characterization of new polycrystalline phases of nickel- and platinum-doped $[(\text{DT-TTF})_n][\text{Au}(\text{mnt})_2]$ ($n = 1, 2$). <i>Inorganic Chemistry</i> , 2005 , 44, 2358-66	5.1	12
85	Magnetic and electrical properties of $(\text{DT-TTF})_4[\text{Au}(\text{pds})_2]_3$. <i>Polyhedron</i> , 2003 , 22, 2447-2452	2.7	12
84	Conductors based on metal-bisdicyanobenzodithiolate complexes. <i>Synthetic Metals</i> , 2003 , 133-134, 397-399	3.9	12
83	Organic/inorganic molecular conductors based upon perylene and Lindquist-type polyoxometalates. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2176-2180		12
82	Gold and nickel alkyl substituted bis-thiophenedithiolene complexes: anionic and neutral forms. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 270-280	6.8	11
81	Electrical transport properties of CuS single crystals. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 015701	7.0	11
80	Anisotropic Transport and Magnetic Properties of Ternary Uranium Antimonides U_3ScSb_5 and U_3TiSb_5 . <i>Chemistry of Materials</i> , 2006 , 18, 4533-4540	9.6	11
79	Thermal conductivity of the potassium molybdenum bronzes. <i>Synthetic Metals</i> , 1989 , 29, 219-226	3.6	11
78	Effect of Ni, Bi and Se on the tetrahedrite formation. <i>RSC Advances</i> , 2016 , 6, 102359-102367	3.7	10
77	5-Methylthiophene-2,3-dithiolene Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3989-3999	2.3	10
76	Charge-Transfer Salts Based on a Dissymmetrical Cyano-Substituted Tetrathiafulvalene Donor. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1287-1292	2.3	9
75	5,11-Dithiophene-tetrathiafulvalene: A Detailed Study of an Electronic Donor and Its Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2440-2446	2.3	9
74	Thermopower hysteresis in the charge density wave state of $\text{Rb}_{0.3}\text{MoO}_3$ and $\text{K}_{0.3}\text{MoO}_3$. <i>Synthetic Metals</i> , 1991 , 43, 3833-3836	3.6	9

73	Thermoelectric properties and stability of glasses in the Cu-As-Te system. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 2840-2851	3.8	8
72	Stabilization of Metastable Thermoelectric Crystalline Phases by Tuning the Glass Composition in the Cu-As-Te System. <i>Inorganic Chemistry</i> , 2018 , 57, 754-767	5.1	8
71	Polycarbonate films metalized with a single component molecular conductor suited to strain and stress sensing applications. <i>Organic Electronics</i> , 2012 , 13, 894-898	3.5	8
70	(DT-TTF) ₂ [Pd(mnt) ₂]: An unusual ionic salt. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012 , 9, 1134-1136		8
69	Charge transfer salts based on M(dcbdt) ₂ complexes (M=Au and Ni). <i>Synthetic Metals</i> , 2003 , 135-136, 543-544	3.6	8
68	CDW depinning in the blue bronze: A study by current pulse measurements, proton channeling, electron paramagnetic resonance. <i>Synthetic Metals</i> , 1991 , 43, 3813-3820	3.6	8
67	Electronic structure, low-temperature transport and thermodynamic properties of polymorphic EAs ₂ Te ₃ . <i>RSC Advances</i> , 2016 , 6, 52048-52057	3.7	8
66	Dithiophene-TTF Salts; New Ladder Structures and Spin-Ladder Behavior. <i>Inorganic Chemistry</i> , 2015 , 54, 7000-6	5.1	7
65	DT-TTF Salts with [Cu(dcdmp) ₂] ⁺ The Richness of Different Stoichiometries. <i>Crystal Growth and Design</i> , 2016 , 16, 3924-3931	3.5	7
64	[CNB-EDT-TTF) ₄ BF ₄]; Anion Disorder Effects in Bilayer Molecular Metals. <i>Crystals</i> , 2018 , 8, 142	2.3	7
63	Effects of high pressure on the structural, magnetic, and transport properties of the itinerant 5f ferromagnet U ₂ Fe ₃ Ge. <i>Physical Review B</i> , 2014 , 89,	3.3	7
62	Crystal structure and electronic properties of the new compound U ₃ Fe ₄ Ge ₄ . <i>Journal of Alloys and Compounds</i> , 2013 , 554, 408-413	5.7	7
61	Structural and physical properties of the U ₉ Fe ₇ Ge ₂₄ uranium germanide. <i>Intermetallics</i> , 2011 , 19, 841-847	3.5	7
60	Role of Structures on Thermal Conductivity in Thermoelectric Materials. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009 , 19-49	0.2	7
59	New dithiophene complexes for conducting and magnetic materials. <i>Synthetic Metals</i> , 2001 , 120, 699-702	3.6	7
58	Depinning of the charge density wave in pure and non-stoichiometric blue bronzes A _{0.30} MoO ₃ (A=K, Rb). <i>Solid State Communications</i> , 1992 , 81, 567-570	1.6	7
57	Thermal conductivity of the molybdenum blue bronze Rb _{0.3} MoO ₃ . <i>Physical Review B</i> , 1990 , 42, 5324-5326	3.6	7
56	Physical properties of the series of oxides Y _{1-x} Pr _x Ba ₂ Cu ₃ O ₇ [(0?x?1)]. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 910-911	1.3	7

55	Charge Density Wave Dynamics in Quasi-One Dimensional Molecular Conductors: a Comparative Study of $(\text{Per})_2\text{M}(\text{mnt})_2$ with $\text{M} = \text{Au}, \text{Pt}$. <i>Journal De Physique, I</i> , 1996 , 6, 2141-2149		7
54	Chiral Conducting Me-EDT-TTF and Et-EDT-TTF-Based Radical Cation Salts with the Perchlorate Anion. <i>Crystals</i> , 2020 , 10, 1069	2.3	6
53	Synthesis, crystal structure and magnetic properties of bis(3,4,3',4'-ethylenedithio)2,2',5,5'-tetrathiafulvalene-bis(cyanoimidodithiocarbonate)aurate(III), $(\text{bedt-ttf})[\text{Au}(\text{cdc})_2]$. <i>Polyhedron</i> , 2006 , 25, 1209-1214	2.7	6
52	Strategies to construct spin-ladders using TTF derivatives as molecular building blocks. <i>Synthetic Metals</i> , 2003 , 133-134, 523-526	3.6	6
51	Charge transfer salts based on $\text{Cu}(\text{qdt})_2$, $\text{Ni}(\text{qdt})_2$ and $\text{Au}(\text{qdt})_2$ anions. <i>Synthetic Metals</i> , 1999 , 102, 1613-1614	3.6	6
50	CDW nonlinear transport in the organic systems $(\text{Per})_2\text{M}(\text{mnt})_2$. <i>Synthetic Metals</i> , 1995 , 70, 1267-1270	3.6	6
49	Analysis of thermoelectric generator incorporating n-magnesium silicide and p-tetrahedrite materials. <i>Energy Conversion and Management</i> , 2021 , 236, 114003	10.6	6
48	Effect of Composition on Thermoelectric Properties of As-Cast Materials: The $\text{Cu}_{12}\text{Co}_x\text{Sb}_4\text{S}_{13}\text{Se}_y$ Case. <i>Journal of Electronic Materials</i> , 2019 , 48, 2028-2035	1.9	5
47	Tetrahedrites for Low Cost and Sustainable Thermoelectrics. <i>Solid State Phenomena</i> , 2016 , 257, 135-138	0.4	5
46	Synthesis and Characterization of Charge Transfer Salts Based on $[\text{M}(\text{dcdmp})_2]$ ($\text{M} = \text{Au}, \text{Cu}$ and Ni) with TTF Type Donors. <i>Crystals</i> , 2018 , 8, 141	2.3	5
45	Structural and Electrical Properties Characterization of $\text{Sb}_{1.52}\text{Bi}_{0.48}\text{Te}_{3.0}$ Melt-Spun Ribbons. <i>Crystals</i> , 2017 , 7, 172	2.3	5
44	Increase of TC in UFe_{2+x} synthesized by ultrafast cooling. <i>Intermetallics</i> , 2011 , 19, 113-120	3.5	5
43	Novel Intermetallic Compound UFe_5Si_3 : A New Room-Temperature Magnet with an Original Atomic Arrangement. <i>Chemistry of Materials</i> , 2007 , 19, 3441-3447	9.6	5
42	Thermoelectric properties of ternary compounds from the UBeBi system. <i>Journal of Alloys and Compounds</i> , 2007 , 442, 348-350	5.7	5
41	Molecular compounds based on DT-TTF and $\text{Au}(\text{cdc})_2$ complex. Structural, magnetic and electrical properties. <i>Polyhedron</i> , 2003 , 22, 2415-2422	2.7	5
40	Ternary RPt_4B ($\text{R} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}$) compounds; structural and physical characterisation. <i>Intermetallics</i> , 2004 , 12, 1325-1334	3.5	5
39	Effect of oxygen content in the thermoelectric power of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 1345-1346	1.3	5
38	Thermoelectric Promise of $(\text{In}_x\text{Sn}_x)\text{Co}_4\text{Sb}_{12}$ Materials. <i>Acta Physica Polonica A</i> , 2008 , 113, 403-406	0.6	5

- 37 High-temperature thermoelectric properties of the $\text{As}_2\text{BixTe}_3$ solid solution. *APL Materials*, **2016**, 4, 104901 5.7 5
- 36 Towards the Use of Cu Based Synthetic Minerals for Thermoelectric Applications. *Semiconductors*, **2019**, 53, 1817-1824 0.7 5
- 35 Gold and Nickel Extended Thiophenic-TTF Bisdithiolene Complexes. *Molecules*, **2018**, 23, 4.8 5
- 34 Bromide and Tribromide 4-Cyanobenzene-Ethylenedithio-Tetrathiafulvalene Radical Salts by Chemical and Electrochemical Routes. *Crystal Growth and Design*, **2019**, 19, 5768-5775 3.5 4
- 33 Low-Temperature Transport Properties of Bi-Substituted As_2Te_3 Compounds. *Journal of Electronic Materials*, **2016**, 45, 1786-1791 1.9 4
- 32 A novel ternary uranium-based intermetallic $\text{U}_3\text{Fe}_4\text{Ge}_3$: Structure and physical properties. *Journal of Alloys and Compounds*, **2014**, 606, 154-163 5.7 4
- 31 Hydrogen bonded anion ribbons, networks and clusters and sulfur-anion interactions in novel radical cation salts of BEDT-TTF with sulfamate, pentaborate and bromide. *Dalton Transactions*, **2013**, 42, 6645-54 4.3 4
- 30 Study of calcium implanted GaN. *Nuclear Instruments & Methods in Physics Research B*, **2002**, 190, 625-629.2 4
- 29 Double Layer Conducting Salts: $(\text{CNB-EDT-TTF})_4\text{X}$, $\text{X} = \text{ClO}_4^-$ and SbF_6^- Electrical Transport and Infrared Properties. *Crystals*, **2019**, 9, 608 2.3 4
- 28 Structural relations in (1 : 1) and (2 : 1) cyanobenzene-ethylenedithio-TTF radical salts; the role of CN π H interactions. *CrystEngComm*, **2019**, 21, 7489-7497 3.3 4
- 27 Bilayer Molecular Metal with a Polymeric Anion, $\text{K}^+(\text{CNB-EDT-TTF})_6 \text{Ag} \sim 7.95 \text{ \AA} \sim 9.19$. *Crystal Growth and Design*, **2020**, 20, 4224-4227 3.5 3
- 26 Crystal structure and properties of the new ternary $\text{YbZn}_x\text{Ga}_{4-x}$ and $\text{Yb}_3\text{Zn}_{11-x}\text{Ga}_x$ phases. *Intermetallics*, **2011**, 19, 1989-1995 3.5 3
- 25 Growth of high quality $\text{Per}_2\text{M}(\text{mnt})_2$ single crystals; evidence of β phase in $\text{Per}_2\text{Pt}(\text{mnt})_2$. *Journal of Low Temperature Physics*, **2006**, 142, 405-408 1.3 3
- 24 Evidences for intermediate valence behavior in CeNi_5In . *Journal of Alloys and Compounds*, **2005**, 391, L5-L7 5.7 3
- 23 Structural and electrical properties of $(\text{DT-TTF})_2[\text{Cu}(\text{mnt})_2]$. *European Physical Journal Special Topics*, **2004**, 114, 497-499 3
- 22 Thermodynamic and electronic transport properties of CeNiIn_2 . *Physica B: Condensed Matter*, **2004**, 352, 372-377 2.8 3
- 21 Preparation and characterization of CPP_2I_3 -single crystals. *Synthetic Metals*, **1993**, 56, 1735-1740 3.6 3
- 20 Thermal conductivity of the charge density wave molybdenum oxides γ - Mo_4O_{11} , η - Mo_4O_{11} and KM_6O_{17} . *Journal of Physics Condensed Matter*, **1992**, 4, L357-L361 1.8 3

19	Conducting neutral gold bisdithiolene complex [Au(dspdt)] <i>Dalton Transactions</i> , 2020 , 49, 13737-13743	4.3	3
18	Tetrathiafulvalene and Tetramethyltetraselenafulvalene Salts with [M(dcdmp) ₂] Anions (M = Au, Cu, and Ni): High Conductivity and Unusual Stoichiometries. <i>Crystal Growth and Design</i> , 2019 , 19, 6493-6502	3.5	2
17	The influence of preparation conditions on the electrical transport properties of tetrahedrites. <i>Materials Today: Proceedings</i> , 2019 , 8, 556-561	1.4	2
16	A Methyl-Substituted Thiophene-Tetra-thiafulvalene Donor and Its Salts. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5003-5010	2.3	2
15	Growth of (Perylene) ₂ [Pd(mnt) ₂] crystals. <i>Journal of Crystal Growth</i> , 2012 , 340, 56-60	1.6	2
14	New copper thiophenedithiolenes for single component molecular metals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012 , 9, 1137-1139		2
13	Peculiarities of U-based Laves phases. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010 , 9, 012090	0.4	2
12	The low and high temperature phase transitions in the family of compounds (DT-TTF) ₄ [M(L) ₂] ₃ , M=[Au, Cu and L]pds, pdt. <i>European Physical Journal Special Topics</i> , 2004 , 114, 539-537		2
11	Pressure effect on the electrical properties of the ladder compounds (DT-TTF) ₂ [M(mnt) ₂], M=Au, Pt, Ni. <i>Synthetic Metals</i> , 2003 , 133-134, 405-406	3.6	2
10	Chiral Radical Cation Salts of Me-EDT-TTF and DM-EDT-TTF with Octahedral, Linear and Tetrahedral Monoanions. <i>Magnetochemistry</i> , 2021 , 7, 87	3.1	2
9	Electrocrystallisation of (Per) ₂ [Pd(mnt) ₂]. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012 , 9, 1131-1133		1
8	Single-crystal study on the heavy-fermion antiferromagnet UZn. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 045602	1.8	1
7	CDW dynamics in the quasi-one-dimensional molecular conductors (Per) ₂ M(mnt) ₂ , (M=Au and Pt). <i>Synthetic Metals</i> , 1997 , 86, 2163-2164	3.6	1
6	Protective Coatings for Cu ₁₁ Mn ₁ Sb ₄ S ₁₃ and Cu _{10.5} Ni _{1.5} Sb ₄ S ₁₃ Tetrahedrites. <i>Journal of Electronic Materials</i> , 2021 , 50, 467-477	1.9	0
5	Preparation and densification of bulk pyrite, FeS ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 159, 110296	3.9	0
4	Preparation and Study of U/Co Multilayers. <i>Journal of Nuclear Science and Technology</i> , 2002 , 39, 70-73		1
3	Magnetothermopower of the charge density wave compound KMo ₆ O ₁₇ . <i>Synthetic Metals</i> , 1993 , 56, 2599-2604	3.6	
2	Thermopower of superconducting YBa ₂ Cu ₃ O _{7-x} thin films. <i>Journal of the Less Common Metals</i> , 1990 , 164-165, 1069-1075		

1 Glass for Thermoelectric Applications. *Springer Handbooks*, **2019**, 1677-1696

1.3