

Ivan Olekseyuk

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10193119/ivan-olekseyuk-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

1,920
citations

19
h-index

35
g-index

139
ext. papers

2,179
ext. citations

4.7
avg, IF

4.43
L-index

#	Paper	IF	Citations
138	Phase equilibria in the $\text{Cu}_2\text{S}_{1-x}\text{SnS}_x$ system. <i>Journal of Alloys and Compounds</i> , 2004 , 368, 135-143	5.7	286
137	Single crystal preparation and crystal structure of the $\text{Cu}_2\text{Zn}/\text{Cd,Hg/SnSe}_4$ compounds. <i>Journal of Alloys and Compounds</i> , 2002 , 340, 141-145	5.7	151
136	Phase relations in the quasi-binary $\text{Cu}_2\text{GeS}_3/\text{SnS}$ and quasi-ternary $\text{Cu}_2\text{S}_{1-x}(\text{Cd})\text{SnS}_x$ systems and crystal structure of $\text{Cu}_2\text{ZnGeS}_4$. <i>Journal of Alloys and Compounds</i> , 2005 , 397, 85-94	5.7	88
135	The $\text{Ag}_2\text{S}_{1-x}\text{In}_2\text{S}_3/\text{Bi(Ge)S}_2$ systems and crystal structure of quaternary sulfides $\text{Ag}_2\text{In}_2\text{Si(Ge)S}_6$. <i>Journal of Alloys and Compounds</i> , 2008 , 452, 348-358	5.7	45
134	Phase relations in the $\text{Ag}_2\text{S}_{1-x}\text{SnS}_x$ system and the crystal structure of the compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 399, 173-177	5.7	37
133	Crystal structures of the compounds YCuS_2 , Y_3CuSnS_7 and YCuPbS_3 . <i>Journal of Alloys and Compounds</i> , 2005 , 388, 59-64	5.7	31
132	Synthesis and structural properties of CuInGeS_4 . <i>Journal of Crystal Growth</i> , 2011 , 324, 212-216	1.6	30
131	Crystal chemical properties and preparation of single crystals of $\text{AgGaSe}_2/\text{GeSe}_2$ solid solutions. <i>Journal of Alloys and Compounds</i> , 1996 , 241, 187-190	5.7	29
130	The $\text{Ag}_2\text{S}_{1-x}\text{SnS}_x$ system: Phase diagram, glass-formation region and crystal structure of $\text{Ag}_2\text{ZnGeS}_4$. <i>Journal of Alloys and Compounds</i> , 2010 , 500, 26-29	5.7	26
129	Crystal structure of the phases $\text{Hg}_5\text{CIII}_2\text{X}_8$ (CIII = Ga, In; X = Se, Te). <i>Journal of Alloys and Compounds</i> , 2010 , 503, 40-43	5.7	25
128	The phase equilibria in the quasi-ternary $\text{Cu}_2\text{S}_{1-x}\text{SnS}_x$ system. <i>Journal of Alloys and Compounds</i> , 1998 , 279, 142-152	5.7	24
127	Crystal structures of the compounds YCuPbSe_3 , $\text{Y}_3\text{CuSnSe}_7$ and $\text{Y}_3\text{Cu}_0.685\text{Se}_6$. <i>Journal of Alloys and Compounds</i> , 2004 , 385, 160-168	5.7	23
126	Crystal structures of the $\text{R}_3\text{CuSnSe}_7$ (R = La, Ce, Pr, Nd, Sm, Gd, Tb and Dy) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 388, 274-278	5.7	22
125	Crystal structures of the compounds Ni_3Te_2 , Ni_3Te_2 (β -0.12) and $\text{Ni}_{1.29}\text{Te}$. <i>Journal of Alloys and Compounds</i> , 2004 , 376, 131-138	5.7	22
124	The Crystal Structures of R_3CuSnS_7 (R = La, Ce, Sm, Gd, Ho). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1919-1923	1.3	21
123	Crystal structure of $\text{Ag}_2\text{In}_2\text{GeSe}_6$. <i>Journal of Alloys and Compounds</i> , 1999 , 287, 181-184	5.7	21
122	Phase diagram of the quasi-binary $\text{Cu}_2\text{GeS}_3/\text{HgS}$ system and crystal structure of the LT-modification of the $\text{Cu}_2\text{HgGeS}_4$ compound. <i>Journal of Alloys and Compounds</i> , 2002 , 334, 143-146	5.7	20

121	Phase diagram of the AgGaSe ₂ -CdSe system and crystal structure of the AgCd ₂ GaSe ₄ compound. <i>Journal of Alloys and Compounds</i> , 2002 , 343, 125-131	5-7	20
120	The phase equilibria in the quasi-ternary Ag ₂ Se ₃ -Ga ₂ Se ₃ -GeSe ₂ system. <i>Journal of Alloys and Compounds</i> , 1997 , 260, 111-120	5-7	19
119	Crystal structures of the R ₃ Mg _{0.5} GeS ₇ (R=Y, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho and Er) compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 424, 114-118	5-7	19
118	The crystal structures of R ₃ CuGeS ₇ (R=Ce, Nd, Sm, Gd, Dy and Er). <i>Journal of Alloys and Compounds</i> , 2006 , 425, 159-163	5-7	19
117	Crystal structures of the compounds Cu ₂ CoSi(Ge,Sn) ₄ and Cu ₂ CoGe(Sn)Se ₄ . <i>Journal of Alloys and Compounds</i> , 2004 , 377, 306-311	5-7	19
116	Crystal structure of Ag ₈ SnSe ₆ . <i>Journal of Alloys and Compounds</i> , 2002 , 339, 113-117	5-7	19
115	The quasi-ternary system Ag ₂ SCdSGeS ₂ and the crystal structure of Ag ₂ CdGeS ₄ . <i>Journal of Alloys and Compounds</i> , 2005 , 397, 95-98	5-7	18
114	X-ray powder diffraction refinement of Cu ₂ ZnGeTe ₄ structure and phase diagram of the Cu ₂ GeTe ₃ -nTe system. <i>Journal of Alloys and Compounds</i> , 2005 , 397, 169-172	5-7	18
113	Crystal structures of the R ₃ CuGeSe ₇ (R=Ce, Pr, Nd, Sm, Gd, Tb and Ho) compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 422, 203-207	5-7	18
112	Crystal structures of the compounds R ₃ CuSiS ₇ (R = Ce, Pr, Nd, Sm, Tb, Dy and Er) and R ₃ CuSiSe ₇ (R = La, Ce, Pr, Nd, Sm, Gd, Tb and Dy). <i>Journal of Alloys and Compounds</i> , 2007 , 431, 185-190	5-7	17
111	X-ray diffraction study of the AgCd ₂ -MnxGaS ₄ semiconductor alloys and their electrical, optical, and photoelectrical properties. <i>Physica B: Condensed Matter</i> , 2006 , 373, 355-359	2.8	17
110	Phase equilibria in the quasi-ternary system Ag ₂ S ₃ -CdS ₃ -Ga ₂ S ₃ . <i>Journal of Alloys and Compounds</i> , 2001 , 325, 167-179	5-7	17
109	Phase diagrams of the quasi-binary systems Cu ₂ S ₃ BiS ₂ and Cu ₂ SiS ₃ -PbS and the crystal structure of the new quaternary compound Cu ₂ PbSiS ₄ . <i>Journal of Alloys and Compounds</i> , 2005 , 399, 149-154	5-7	16
108	Crystal structures of the Y ₃ CuSiS ₇ and Y ₃ CuSiSe ₇ compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 402, 201-203	5-7	16
107	X-ray powder diffraction study of the Cu ₂ Cd _{1-x} MnxSnSe ₄ alloys. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 459-465	1.6	16
106	Single-crystal growth and properties of AgCd ₂ GaS ₄ . <i>Journal of Crystal Growth</i> , 2005 , 279, 140-145	1.6	16
105	The Ag ₂ Se ₃ -CdSe ₃ -SnSe ₂ system at 670 K and the crystal structure of the Ag ₂ CdSnSe ₄ compound. <i>Journal of Alloys and Compounds</i> , 2002 , 335, 176-180	5-7	16
104	Crystal structures of the Ag ₄ HgGe ₂ S ₇ and Ag ₄ CdGe ₂ S ₇ compounds. <i>Journal of Alloys and Compounds</i> , 2002 , 340, 157-166	5-7	16

103	Phase diagram and electric transport properties of samples of the quasi-binary system $\text{CuInS}_2\text{-CdS}$. <i>Journal of Alloys and Compounds</i> , 2000 , 309, 39-44	5-7	16
102	The Quasi-Ternary System $\text{Cu}_2\text{Se-Ga}_2\text{Se}_3\text{-GeSe}_2$. <i>Journal of Phase Equilibria and Diffusion</i> , 2013 , 34, 94-103		15
101	Phase diagram of the quasi-binary system $\text{TlInSe}_2\text{-BiSe}_2$. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 2693-2696	5-7	15
100	Crystal structures of the RCuPbS_3 (R=Tb, Dy, Ho, Er, Tm, Yb and Lu) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 399, 189-195	5-7	15
99	The $\text{Ag}_2\text{SeTh}_2\text{Se}_3\text{-BiSe}_2$ system. <i>Journal of Alloys and Compounds</i> , 2001 , 316, 193-202	5-7	15
98	Phase equilibria in the quasiternary system $\text{Ag}_2\text{S(Ta}_2\text{S}_3\text{In}_2\text{S}_3)$ and optical properties of $(\text{Ga}_{55}\text{In}_{45})_2\text{S}_{300}$, $(\text{Ga}_{54.59}\text{In}_{44.66}\text{Er}_{0.75})_2\text{S}_{300}$ single crystals. <i>Journal of Solid State Chemistry</i> , 2015 , 227, 255-264	3-3	14
97	Formation of an endothermal $\text{Cu}_2\text{In}_2\text{Si}_6$ compound in the $\text{CuInS}_2\text{-BiS}_2$ system. <i>Journal of Alloys and Compounds</i> , 2007 , 443, 61-67	5-7	14
96	Phase diagram of the $\text{Ag}_2\text{S(HgS)-BiS}_2$ system and single crystal preparation, crystal structure and properties of $\text{Ag}_2\text{HgSnS}_4$. <i>Journal of Alloys and Compounds</i> , 2005 , 399, 32-37	5-7	14
95	X-ray powder diffraction study of semiconducting alloys $\text{Ag}_{1-x}\text{Cu}_x\text{Cd}_2\text{Ga}_4$ and $\text{AgCd}_2\text{Ga}_{1-x}\text{In}_x\text{S}_4$. <i>Journal of Alloys and Compounds</i> , 2005 , 402, 186-193	5-7	14
94	X-ray powder diffraction refinement of $\text{Ag}_2\text{In}_2\text{Si}_6$ structure and phase diagram of the $\text{AgInSe}_2\text{-BiSe}_2$ system. <i>Journal of Alloys and Compounds</i> , 2006 , 414, 73-77	5-7	14
93	Crystal structures of the R_2CuInS_5 (R=La, Ce, Pr, Nd and Sm) compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 425, 230-234	5-7	14
92	The $\text{Ag}_2\text{Se(HgSe)-BiSe}_2$ system in the 0-100 mol.% SiSe_2 region. <i>Journal of Alloys and Compounds</i> , 2003 , 348, 157-166	5-7	14
91	The $\text{Ag}_2\text{Se(HgSe)-TeSe}_2$ system and crystal structures of the compounds. <i>Journal of Alloys and Compounds</i> , 2003 , 351, 135-144	5-7	14
90	Isothermal section of the $\text{Y}_2\text{S}_3\text{-Cu}_2\text{S-TeS}_2$ system at 870 K and crystal structures of the $\text{Y}_3\text{Ge}_{1.25}\text{S}_7$ and Y_3CuGeS_7 compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 414, 113-117	5-7	13
89	Crystal structure of the $\text{R}_7\text{Cu}_3\text{Te}_{12}$ (R=Tb, Dy, Ho, Er and Tm) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 403, 223-227	5-7	12
88	Investigation of the $\text{Y}_2\text{Te}_3\text{-Cu}_2\text{Te-BbTe}$ system at 870K and crystal structures of the $\text{Y}_7\text{Cu}_3\text{Te}_{12}$ and $\text{YCu}_{0.264}\text{Te}_2$ compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 420, 58-62	5-7	12
87	The $\text{AgGaS}_2 + 2\text{CdSe} \rightleftharpoons \text{AgGaSe}_2 + 2\text{CdS}$ system. <i>Journal of Alloys and Compounds</i> , 2004 , 367, 25-35	5-7	12
86	Single-crystal growth of $\text{Cu}_2\text{CdGeS}_4$. <i>Journal of Crystal Growth</i> , 2005 , 275, e159-e162	1.6	12

85	Single crystal growth and properties of AgGaGeS ₄ . <i>Journal of Crystal Growth</i> , 2005 , 275, e1983-e1985	1.6	12
84	Crystal structures of the R ₂ CuPbSe ₃ (R = Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 387, 160-164	5.7	11
83	The Cu ₂ Se-HgSe-SnSe ₂ system. <i>Journal of Alloys and Compounds</i> , 1999 , 287, 197-205	5.7	11
82	NIR and visible luminescence features of erbium doped Ga ₂ S ₃ -La ₂ S ₃ glasses. <i>Journal of Non-Crystalline Solids</i> , 2018 , 498, 380-385	3.9	10
81	Phase equilibria in the quasi-ternary system Ag ₂ Se-Cu ₂ Se ₃ -In ₂ Se ₃ and physical properties of (Ga _{0.6} In _{0.4}) ₂ Se ₃ , (Ga _{0.594} In _{0.396} Er _{0.01}) ₂ Se ₃ single crystals. <i>Journal of Solid State Chemistry</i> , 2014 , 210, 102-110	3.3	10
80	Quasi-ternary system Cu ₂ GeS ₃ -Cu ₂ SnS ₃ -S. <i>Journal of Alloys and Compounds</i> , 2009 , 484, 147-153	5.7	10
79	New compounds Cu ₂ MnTi ₃ S ₈ and Cu ₂ NiTi ₃ S ₈ with thiospinel structure. <i>Materials Research Bulletin</i> , 2007 , 42, 143-148	5.1	10
78	Crystal structure of the Sc ₂ PbX ₄ (X = S and Se) compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 407, 94-97	5.7	10
77	Crystal structure of the RAgTe ₂ (R = Y, Tb, Dy, Ho and Er) compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 424, 159-163	5.7	10
76	The reciprocal system Cu ₂ GeS ₃ +3CdSe ↔ Cu ₂ GeSe ₃ +3CdS. <i>Journal of Alloys and Compounds</i> , 2009 , 473, 94-99	5.7	9
75	Isothermal section of the Cu ₂ Se-HgSe-TeSe ₂ system at 670K and crystal structures of the compounds Cu ₂ HgGeSe ₄ and HT-modification of Cu ₂ HgGeS ₄ . <i>Journal of Alloys and Compounds</i> , 2005 , 398, 80-84	5.7	9
74	Interaction of argyrodite family compounds with the chalcogenides of II-b elements. <i>Journal of Alloys and Compounds</i> , 2006 , 421, 98-104	5.7	9
73	The reciprocal CuInS ₂ +2CdSe ↔ CuInSe ₂ +2CdS system. Part I. The quasi-binary CuInSe ₂ -CdSe system: Phase diagram and crystal structure of solid solutions. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 315-322	3.3	9
72	Crystal structure of the CuIn ₇ Se ₁₁ compound. <i>Journal of Alloys and Compounds</i> , 2004 , 384, 121-124	5.7	9
71	Crystal structures of the Ag ₆ HgGeSe ₆ and Ag ₆ HgSiSe ₆ compounds. <i>Journal of Alloys and Compounds</i> , 2002 , 343, 116-121	5.7	9
70	Physico-chemical interaction in the Tl ₂ Se-HgSe-DIVSe ₂ systems (DIV = Bi, Sn). <i>Materials Research Bulletin</i> , 2012 , 47, 3830-3834	5.1	8
69	Crystal structure of the R ₆ Pb ₂ Se ₁₁ (R = Y, Dy and Ho) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 403, 206-210	5.7	8
68	Phase diagram of the CdGa ₂ Se ₄ -Bi ₂ Se ₃ system and growth of CdGa ₂ Se ₄ single crystals. <i>Journal of Alloys and Compounds</i> , 2006 , 417, 127-130	5.7	8

- 67 Phase diagram of the $\text{CuGaSe}_2\text{BiSe}_2$ and $\text{CuInSe}_2\text{BiSe}_2$ systems. *Journal of Alloys and Compounds*, **2006**, 420, 54-57 5-7 8
- 66 The $\text{Cu}_2\text{SeHgSeTh}_2\text{Se}_3$ system at 670 K. *Journal of Alloys and Compounds*, **2000**, 302, 173-176 5-7 8
- 65 $(\text{Ga}_{54.59}\text{In}_{44.66}\text{Er}_{0.75})_2\text{S}_3\text{O}$ single crystal: novel material for detection of β -radiation by photoinduced nonlinear optical method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 14097-14102 2.1 7
- 64 Crystal structure of the Ag_2SiS_3 compound. *Journal of Alloys and Compounds*, **2011**, 509, 4372-4374 5-7 7
- 63 Quasi-ternary system $\text{CuGaS}_2\text{CuInS}_2\text{CdS}$. *Journal of Alloys and Compounds*, **2010**, 492, 184-189 5-7 7
- 62 The $\text{CuGaSe}_2\text{CuInSe}_2\text{CdS}$ system and single crystal growth of the β phase. *Journal of Crystal Growth*, **2011**, 318, 332-336 1.6 7
- 61 Vertical section $\text{AgIn}_5\text{Se}_8\text{CdIn}_2\text{Se}_4$ and crystal structure of the AgIn_5Se_8 compound (4T-polytype). *Journal of Alloys and Compounds*, **2007**, 427, 101-103 5-7 7
- 60 Investigation of the $\text{R}_2\text{S}_3\text{Cu}_2\text{SBbS}$ (R=Y, Dy, Ho and Er) systems. *Journal of Alloys and Compounds*, **2007**, 431, 77-84 5-7 7
- 59 Phase equilibria in the systems $\text{AgGaS}_2\text{BnS}_2$, $\text{AgGaSe}_2\text{BnSe}_2$. *Journal of Alloys and Compounds*, **2007**, 433, 171-174 5-7 7
- 58 Investigation of the $\text{R}_2\text{Se}_3\text{Cu}_2\text{SeTh}_2\text{Se}_3$ (R=La, Pr, Y and Er) systems at 870K and crystal structure of the $\text{R}_2\text{CuInSe}_5$ (R=La, Ce and Pr) compounds. *Journal of Alloys and Compounds*, **2007**, 439, 156-161 5-7 7
- 57 Crystal structures of the $\text{R}_{3.33}\text{CuPb}_{1.5}\text{Se}_7$ (R=Tb, Dy, Ho, Er, Tm, Yb and Lu) compounds. *Journal of Alloys and Compounds*, **2005**, 396, 233-239 5-7 7
- 56 Crystal structure of the $\text{R}_5\text{CuPb}_3\text{Se}_{11}$ (R=Er, Tm and Yb) compounds. *Journal of Alloys and Compounds*, **2006**, 413, 90-95 5-7 7
- 55 Phase equilibria in the quasi-ternary system $\text{Cu}_2\text{SeCdSeTh}_2\text{Se}_3$. *Journal of Alloys and Compounds*, **2004**, 367, 49-57 5-7 7
- 54 Crystal structure of the Hg_4SiS_6 and Hg_4SiSe_6 compounds. *Journal of Alloys and Compounds*, **2002**, 347, 115-120 5-7 7
- 53 Phase equilibria in the AgGaS_2ZnS and AgInS_2ZnS systems. *Journal of Alloys and Compounds*, **2001**, 325, 204-209 5-7 7
- 52 The phase equilibria in the quasi-ternary $\text{HgSe?Ga}_2\text{Se}_3\text{?GeSe}_2$ system. *Journal of Alloys and Compounds*, **1996**, 238, 141-148 5-7 7
- 51 Electronic structure and optical properties of $(\text{Ga}_{70}\text{La}_{30})_2\text{S}_3\text{O}$ and $(\text{Ga}_{69.75}\text{La}_{29.75}\text{Er}_{0.5})_2\text{S}_3\text{O}$ single crystals, novel light-converting materials. *Physica B: Condensed Matter*, **2018**, 544, 10-16 2.8 7
- 50 The $\text{CuInSe}_2\text{CuGaSe}_2\text{CdSe}$ system and crystal growth of the β solid solutions. *Journal of Alloys and Compounds*, **2010**, 505, 101-107 5-7 6

49	Investigation of the $R_2Te_3M_2TePbTe$ ($R = Tb, Dy; M = Cu, Ag$) systems at 770 K. <i>Journal of Alloys and Compounds</i> , 2008 , 455, 186-190	5-7	6
48	Phase equilibria in $Cu_2TeIn_2Te_3\{Sb/Bi\}_2Te_3$ systems and crystal structure of $CuIn_5Te_8$ compound. <i>Journal of Alloys and Compounds</i> , 2007 , 436, 247-251	5-7	6
47	Crystal structures of the compounds R_3CuSe_6 ($R = Gd, Tb$ and Dy) and $TbCu_{0.34}Te_2$. <i>Journal of Alloys and Compounds</i> , 2005 , 387, 154-159	5-7	6
46	Crystal structures of the $Y_{3.33}CuPb_{1.5}X_7$ ($X = S, Se$) compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 394, 250-254	5-7	6
45	The $Cu_2SeCdSeTeSe_2$ system. <i>Journal of Alloys and Compounds</i> , 2000 , 298, 203-212	5-7	6
44	The $Tl_2S_2Pb_3Bi_2S_2$ system and the crystal and electronic structure of quaternary chalcogenide $Tl_2Pb_3Si_4$. <i>Materials Chemistry and Physics</i> , 2017 , 195, 132-142	4-4	5
43	$Tl_2S_2Ga_2S_3TeSe_2$ glasses for optically operated laser third harmonic generation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 19003-19009	2-1	5
42	Phase equilibria in the quasi-ternary system $Ag_2SIn_2S_3CdS$ at 870 K. <i>Journal of Alloys and Compounds</i> , 2009 , 480, 360-364	5-7	5
41	Crystal structures of the $ScCuSe_2$ and $Sc_3CuSn_3Se_{11}$ compounds. <i>Journal of Alloys and Compounds</i> , 2005 , 393, 174-179	5-7	5
40	Crystal structures of the compounds $RCuS_2$ ($R=Dy, Ho, Yb, Lu$) and $Tm_{0.97}Cu_{1.10}S_2$. <i>Journal of Alloys and Compounds</i> , 2005 , 402, 89-94	5-7	5
39	Investigation of the $Ho_2Se_3Cu_2SePbSe$ and $Er_2Se_3Cu_2SePbSe$ systems at 870K. <i>Journal of Alloys and Compounds</i> , 2006 , 416, 173-178	5-7	5
38	Crystal structures of the $ScAgSe_2$ and $Sc_{1.02}Cu_{0.54}Sn_{1.15}S_4$ compounds. <i>Journal of Alloys and Compounds</i> , 2006 , 426, 186-189	5-7	5
37	The reciprocal $CuInS_2+2CdSe \rightleftharpoons CuInSe_2+2CdS$ system Part II: Liquid-Solid equilibria in the system. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2998-3006	3-3	5
36	Effect of Copper Doping on the Optical Properties of $Ag_xGa_xGe_{1-x}Se_2$ (0.12 $\leq x \leq$ 0.25) Single Crystals. <i>Inorganic Materials</i> , 2005 , 41, 923-926	0-9	5
35	Crystal structures of the $Cu_6Hg_{0.973}Si_5.973$ and $Ag_6Hg_{0.897}Si_5.897$ compounds. <i>Journal of Alloys and Compounds</i> , 2002 , 335, 111-114	5-7	5
34	Isothermal sections of the quasi-ternary systems $Ag_2S(Se)Ga_2S(Se)_3In_2S(Se)_3$ at 820 K and the physical properties of the ternary phases $Ga_5.5In_4.5S_{15}$, $Ga_6In_4Se_{15}$ and $Ga_5.5In_4.5S_{15}:Er^{3+}$, $Ga_6In_4Se_{15}:Er^{3+}$. <i>Journal of Solid State Chemistry</i> , 2016 , 237, 113-120	3-3	4
33	Quasi-ternary System $Cu_2Te-CdTe-In_2Te_3$. <i>Journal of Phase Equilibria and Diffusion</i> , 2013 , 34, 221-228	1	4
32	Phase equilibrium in the system $Cu_2SeHgSeTeSe_2$. <i>Journal of Alloys and Compounds</i> , 2008 , 457, 337-343	5-7	4

- 31 Crystal structures of the $R_4In_4.72Se_{13}$ ($R=La$ and Ce) compounds. *Journal of Alloys and Compounds*, **2007**, 429, 216-220 5-7 4
- 30 Solid-liquid equilibria in the quasi-ternary system $Cd_{5-x}Ga_{2+3x}TeS_2$. *Journal of Alloys and Compounds*, **2006**, 421, 91-97 5-7 4
- 29 Phase diagrams of the $Ag_2Se_{1-x}(Cd)Se_{1+x}BiSe_2$ systems and crystal structure of the Cd_4SiSe_6 compound. *Journal of Alloys and Compounds*, **2003**, 354, 138-142 5-7 4
- 28 Phase equilibria in the $CuInSe_2$ - $GeSe_2$ and $CuInSe_2$ - Tu_2GeSe_3 sections of the quaternary $Cu_2Se_{1-x}In_{2+3x}GeSe_2$ system. *Journal of Alloys and Compounds*, **2004**, 367, 47-48 5-7 4
- 27 Photoluminescence features and nonlinear-optical properties of the $Ag_{0.05}Ga_{0.05}Ge_{0.95}S_2Er_2S_3$ glasses. *Optical Materials*, **2019**, 90, 84-88 3-3 3
- 26 Synthesis and structure of the new semiconductor compounds $Tl_2BiIDIVX_4$ (BiI - Cd , Hg ; DIV - Bi , Ge ; X - Be , Te) and isothermal sections of the $Tl_2Se_{1-x}IdSe_{1+x}Ge(Sn)Se_2$ systems at 570 K. *Journal of Solid State Chemistry*, **2020**, 289, 121422 3-3 3
- 25 Crystal structures of the $R_2Pb_3Sn_3S_{12}$ ($R=La$, Ce , Pr , Nd , Sm , Gd , Tb , Dy , Ho , Er and Tm) compounds. *Journal of Alloys and Compounds*, **2008**, 457, 204-208 5-7 3
- 24 Synthesis and X-ray powder diffraction studies of semiconducting alloys in the system $AgCd_{2-x}Zn_xGaS_4$. *Crystal Research and Technology*, **2006**, 41, 32-36 1-3 3
- 23 The quasi-ternary system $Cu_2Se_{1-x}IdSe_{1+x}In_2Se_3$ and the crystal structure of the $Cu_{0.6}Cd_{0.7}In_6Se_{10}$ compound. *Journal of Alloys and Compounds*, **2005**, 394, 186-193 5-7 3
- 22 Crystal structures of the $R_{3.33}CuPb_{1.5}S_7$ ($R=Tb$, Dy , Ho , Er and Lu) compounds. *Journal of Alloys and Compounds*, **2006**, 413, 122-126 5-7 3
- 21 Phase relations in the $ZnSe_{1-x}Ga_2Se_{3+x}TeSe_2$ system. *Journal of Alloys and Compounds*, **2003**, 351, 171-175 5-7 3
- 20 Phase equilibria in the quasi-ternary $ZnSe_{1-x}Ga_2Se_{3+x}InSe_2$ system. *Journal of Alloys and Compounds*, **2004**, 379, 143-147 5-7 3
- 19 Crystal structure of the $Ag_{0.735}InGeSe_4$ compound. *Journal of Alloys and Compounds*, **2002**, 337, 182-185 5-7 3
- 18 The Tl_2SnSe_3 - $CdSe$ System and the Crystal Structure of the $Tl_2CdSnSe_4$ Compound. *Journal of Phase Equilibria and Diffusion*, **2019**, 40, 797-801 1 3
- 17 The $CdSe_{1-x}Ga_2Se_{3+x}PbSe$ system. *Journal of Alloys and Compounds*, **2008**, 453, 115-120 5-7 2
- 16 Crystal structures of the compounds $Yb_{5.5}AgSe_8$, $YbAgSe_2$ and $Y_xYb_{1-x}CuYbSe_3$ ($x=0.11$). *Journal of Alloys and Compounds*, **2007**, 428, 139-145 5-7 2
- 15 Crystal structure of new selenosilicates $Pb_{1.75}M_{0.5}SiSe_4$ ($M = Cu$ and Ag). *Journal of Alloys and Compounds*, **2005**, 402, 115-117 5-7 2
- 14 Phase equilibria in the $HgS_{1-x}Ga_2S_{3+x}TeS_2$ system. *Journal of Alloys and Compounds*, **2006**, 417, 131-137 5-7 2

13	Phase equilibria in the CdGa ₂ Se ₄ PbSe and CdGa ₂ Se ₄ As ₂ Se ₃ systems. <i>Journal of Alloys and Compounds</i> , 2006 , 425, 206-209	5-7	2
12	The Y ₂ S ₃ La ₂ S ₃ TeS ₂ system at 770 K. <i>Journal of Alloys and Compounds</i> , 2017 , 698, 739-742	5-7	1
11	The phase equilibria in the Er ₂ S ₃ In ₂ S ₃ Ga ₂ S ₃ quasi-ternary system at 770 K and the properties of the intermediate compounds. <i>Journal of Solid State Chemistry</i> , 2020 , 288, 121339	3-3	1
10	Quasi-Ternary System Cu ₂ Se-GeSe ₂ -As ₂ Se ₃ . <i>Journal of Phase Equilibria and Diffusion</i> , 2020 , 41, 157-163	1	1
9	Quasi-Ternary System Ag ₂ Se-CdSe-Ga ₂ Se ₃ . <i>Journal of Phase Equilibria and Diffusion</i> , 2013 , 34, 403-415	1	1
8	Crystal structure of the new quaternary copper manganese and zirconium chalcogenides. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 1288-1295	1-3	1
7	Investigation of the Pr ₂ Se ₃ Cu ₂ SePbSe and Pr ₂ Se ₃ Ag ₂ SePbSe systems. <i>Journal of Alloys and Compounds</i> , 2006 , 416, 106-109	5-7	1
6	Physical Properties of the (Ga ₇₀ La ₃₀) ₂ S ₃₀₀ , (Ga _{69.75} La _{29.75} Er _{0.5}) ₂ S ₃₀₀ Single Crystals. <i>Acta Physica Polonica A</i> , 2018 , 133, 994-996	0-6	1
5	Growth of CuInS ₂ single crystals from Sb ₂ S ₃ and Bi ₂ S ₃ solutions. <i>Crystal Research and Technology</i> , 2006 , 41, 843-847	1-3	0
4	Crystal structure of the Cu _{5.976} Hg _{0.972} SiSe ₆ compound. <i>Journal of Alloys and Compounds</i> , 2004 , 367, 121-125	5-7	0
3	Growth, Optical Adsorption and Resistivity of (Ga _{0.6} In _{0.4}) ₂ Se ₃ and (Ga _{0.594} In _{0.396} Er _{0.01}) ₂ Se ₃ Single Crystals. <i>Solid State Phenomena</i> , 2013 , 200, 50-53	0-4	
2	Phase equilibria in the systems AgInSe ₂ -HgIn ₂ Se ₄ and AgInSe ₂ -HgSe. <i>Inorganic Materials</i> , 2010 , 46, 609-613	3	
1	The Cu ₂ SeHgSeIn ₂ Se ₃ quasi-ternary system. <i>Journal of Alloys and Compounds</i> , 2000 , 309, 165-171	5-7	