Irina Galuskina

List of Publications by Year
in descending order

82 papers	1,448 citations	331538 21 h-index	377752 34 g-index
86 all docs	86 docs citations	86 times ranked	822 citing authors

#	Article	IF	Citations
1	Bennesherite, Ba2Fe2+Si2O7: A new melilite group mineral from the Hatrurim Basin, Negev Desert, Israel. American Mineralogist, 2022, 107, 138-146.	0.9	4
2	Calciolangbeinite-O, a natural orthorhombic modification of K₂Ca₂(SO₄)₃, and the langbeiniteâ€“calciolangbeinite solid-solution system. Mineralogical Magazine, 2022, 86, 557-569.	0.6	5
3	Priscillagrewite-(Y), (Ca2Y)Zr2Al3O12: A new garnet of the bitikleite group from the Daba-Siwaqa area, the Hatrurim Complex, Jordan. American Mineralogist, 2021, 106, 641-649.	0.9	5
4	Nomenclature and Classification of the Arctite Supergroup.Aravaite, Ba2Ca18(SiO4)6[(PO4)3(CO3)]F3O, a New Arctite Supergroup Mineral from Negev Desert, Israel. Canadian Mineralogist, 2021, , .	0.3	4
5	Kahlenbergite KAl₁₁O₁₇, a new <i>Î²</i>-alumina mineral and Fe-rich hibonite from the Hatrurim Basin, the Negev desert, Israel. European Journal of Mineralogy, 2021, 33, 341-355.	0.4	3
6	Mineralogical, Geochemical, and Rock Mechanic Characteristics of Zeolite-Bearing Rocks of the Hatrurim Basin, Israel. Minerals (Basel, Switzerland), 2021, 11, 1062.	0.8	5
7	Spectroscopic and structural investigations of blue afwillite from Maâ€™ale Adummim locality, Palestinian Autonomy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117688.	2.0	6
8	Greenockite Whiskers from the Bytom Burned Coal Dump, Upper Silesia, Poland. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	1
9	Walstromite, BaCa2(Si3O9), from Rankinite Paralava within Gehlenite Hornfels of the Hatrurim Basin, Negev Desert, Israel. Minerals (Basel, Switzerland), 2020, 10, 407.	0.8	16
10	Molecular Hydrogen in Natural Mayenite. Minerals (Basel, Switzerland), 2020, 10, 560.	0.8	8
11	Raman Spectroscopy and Single-Crystal High-Temperature Investigations of Bentorite, Ca6Cr2(SO4)3(OH)12Â·26H2O. Minerals (Basel, Switzerland), 2020, 10, 38.	0.8	2
12	New minerals with modular structure derived from hatrurite from the pyrometamorphic rocks. Part IV: Dargaite, BaCa12(SiO4)4(SO4)2O3, from Nahal Darga, Palestinian Autonomy. Mineralogical Magazine, 2019, 83, 81-88.	0.6	6
13	Levantite, KCa3(Al2Si3)O11(PO4), a new latiumite-group mineral from the pyrometamorphic rocks of the Hatrurim Basin, Negev Desert, Israel. Mineralogical Magazine, 2019, 83, 713-721.	0.6	7
14	Editorial for Special Issue â€œNew Mineral Species and Their Crystal Structuresâ€• Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	0
15	Qatranaite, CaZn2(OH)6â‹™2H2O: a new mineral from altered pyrometamorphic rocks of the Hatrurim Complex, Daba-Siwaqa, Jordan. European Journal of Mineralogy, 2019, 31, 575-584.	0.4	3
16	Structural investigations on bredigite from the Hatrurim Complex. Mineralogy and Petrology, 2019, 113, 261-272.	0.4	6
17	Chlorellestadite, Ca5(SiO4)1.5(SO4)1.5Cl, a new ellestadite- group mineral from the Shadil-Khokh volcano, South Ossetia. Mineralogy and Petrology, 2018, 112, 743-752.	0.4	6
18	Stracherite, BaCa6(SiO4)2[(PO4)(CO3)]F, the first CO3-bearing intercalated hexagonal antiperovskite from Negev Desert, Israel. American Mineralogist, 2018, 103, 1699-1706.	0.9	10

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19	Aravaite, Ba₂Ca₁₈(SiO₄)₆(PO₄)₃(CO₃)F₃, modular structure and disorder of a new mineral with single and triple antiperovskite layers. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 492-501.	0.5	3
20	First natural hexaferrite with mixed Î²â€´-ferrite (Î²-alumina) and magnetoplumbite structure from Jabel Harmun, Palestinian Autonomy. European Journal of Mineralogy, 2018, 30, 559-567.	0.4	6
21	Dynamic Disorder of Fe3+ Ions in the Crystal Structure of Natural Barioferrite. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	8
22	New Occurrence of Rusinovite, Ca10(Si2O7)3Cl2: Composition, Structure and Raman Data of Rusinovite from Shadil-Khokh Volcano, South Ossetia and Bellerberg Volcano, Germany. Minerals (Basel, Switzerland), 2018, 8, 399.	0.8	6
23	Mineralogy, chemistry and rock mechanic parameters of katoite-bearing rock from the Hatrurim Basin, Israel. Journal of African Earth Sciences, 2018, 147, 322-330.	0.9	8
24	Sharyginite, Ca3TiFe2O8, A New Mineral from the Bellerberg Volcano, Germany. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.8	8
25	Raman spectroscopy and structural study of baryte-hashemite solid solution from pyrometamorphic rocks of the Hatrurim Complex, Israel. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 582-592.	2.0	8
26	New Mineral with Modular Structure Derived from Hatrurite from the Pyrometamorphic Rocks of the Hatrurim Complex: Ariegilatite, BaCa12(SiO4)4(PO4)2F2O, from Negev Desert, Israel. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	14
27	Khesinite, Ca4Mg2Fe3+ 10O4[(Fe3+ 10Si2)O36], a new rhÃ¶nite-group (sapphirine supergroup) mineral from the Negev Desert, Israelâ€“ natural analogue of the SFCA phase. European Journal of Mineralogy, 2017, 29, 101-116.	0.4	31
28	New minerals with a modular structure derived from hatrurite from the pyrometamorphic rocks. Part III. Gazeevite, BaCa₆(SiO₄)₂(SO₄)₂O, from Israel and the Palestine Autonomy, South Levant, and from South Ossetia, Greater Caucasus. Mineralogical Magazine, 2017, 81, 499-513.	0.6	22
29	Gurimite, Ba3(VO4)2 and hexacelsian, BaAl2Si2O8 â€“ two new minerals from schorlomite-rich paralava of the Hatrurim Complex, Negev Desert, Israel. Mineralogical Magazine, 2017, 81, 1009-1019.	0.6	21
30	Different route of hydroxide incorporation and thermal stability of new type of water clathrate: X-ray single crystal and Raman investigation. Scientific Reports, 2017, 7, 9046.	1.6	5
31	DzierÅ¼anowskite, CaCu2S2 â€“ a new natural thiocuprate from Jabel Harmun, Judean Desert, Palestine Autonomy, Israel. Mineralogical Magazine, 2017, 81, 1073-1085.	0.6	12
32	Wernerkrauseite, CaFe3+ 2Mn4+O6: the first nonstoichiometric post-spinel mineral, from Bellerberg volcano, Eifel, Germany. European Journal of Mineralogy, 2016, 28, 485-493.	0.4	10
33	Silicocarnotite, Ca5 [(SiO4)(PO4)](PO4), a new „old" mineral from the Negev Desert, Israel, and the ternesiteâ€“silicocarnotite solid solution: indicators of high-temperature alteration of pyrometamorphic rocks of the Hatrurim Complex, Southern Levant. European Journal of Mineralogy, 2016, 28, 105-123.	0.4	39
34	Mayenite supergroup, part I: Recommended nomenclature. European Journal of Mineralogy, 2015, 27, 99-111.	0.4	27
35	Mayenite supergroup, part II: Chlorkyuygenite from Upper Chegem, Northern Caucasus, Kabardino-Balkaria, Russia, a new microporous mineral with â€œzeoliticâ€•H2O. European Journal of Mineralogy, 2015, 27, 113-122.	0.4	10
36	Mayenite supergroup, part III: Fluormayenite, Ca12Al14O32[â€˜4F2], and fluorkyuygenite, Ca12Al14O32[(H2O)4F2], two new minerals from pyrometamorphic rocks of the Hatrurim Complex, South Levant. European Journal of Mineralogy, 2015, 27, 123-136.	0.4	29

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37	Mayenite supergroup, part IV: Crystal structure and Raman investigation of Al-free eltyubyuite from the Shadil-Khokh volcano, Kel' Plateau, Southern Ossetia, Russia. European Journal of Mineralogy, 2015, 27, 137-143.	0.4	15
38	FLUORCHEGEMITE, Ca₇(SiO₄)₃F₂, A NEW MINERAL FROM THE EDGREWITE-BEARING ENDOSKARN ZONE OF AN ALTERED XENOLITH IN IGNIMBRITES FROM UPPER CHEGEM CALDERA, NORTHERN CAUCASUS, KABARDINO-BALKARIA, RUSSIA: OCCURRENCE, CRYSTAL STRUCTURE, AND NEW DATA ON THE MINERAL ASSEMBLAGES. Canadian Mineralogist, 2015, 53, 325-344.	0.3	8
39	The crystal structure of flamite and its relation to Ca2 SiO4 polymorphs and nagelschmidtite. European Journal of Mineralogy, 2015, 27, 755-769.	0.4	23
40	New minerals with a modular structure derived from hatrurite from the pyrometamorphic Hatrurim Complex. Part I. Nabimusaite, KCa12(SiO4)4(SO4)2O2F, from larnite rocks of Jabel Harmun, Palestinian Autonomy, Israel. Mineralogical Magazine, 2015, 79, 1061-1072.	0.6	27
41	New minerals with a modular structure derived from hatrurite from the pyrometamorphic Hatrurim Complex. Part II. Zadovite, BaCa₆[(SiO₄)(PO₄)](PO₄)₂F and aradite, BaCa₆[(SiO₄)(VO₄)](VO₄)₂F, from paralavas of the Hatrurim Basin, Negev Desert, Israel. Mineralogical Magazine, 2015, 79, 1073-1087.	0.6	32
42	Harmunite CaFe2O4: A new mineral from the Jabel Harmun, West Bank, Palestinian Autonomy, Israel. American Mineralogist, 2014, 99, 965-975.	0.9	64
43	Vapnikite Ca₃UO₆ â€“ a new double-perovskite mineral from pyrometamorphic larnite rocks of the Jabel Harmun, Palestinian Autonomy, Israel. Mineralogical Magazine, 2014, 78, 571-581.	0.6	25
44	Shulamitite Ca3TiFe3+ AlO8 - a new perovskite-related mineral from Hatrurim Basin, Israel. European Journal of Mineralogy, 2013, 25, 97-111.	0.4	40
45	Crystal chemistry and hydrogen bonding of rustumite Ca10(Si2O7)2(SiO4)(OH)2Cl2 with variable OH, Cl, F. American Mineralogist, 2013, 98, 493-500.	0.9	4
46	Vorlanite, (CaU6+)O4, from Jabel Harmun, Palestinian Autonomy, Israel. American Mineralogist, 2013, 98, 1938-1942.	0.9	17
47	Aklimaite, Ca4[Si2O5(OH)2](OH)4 Â· 5H2O, a new natural hydrosilicate from Mount Lakargi, the Northern Caucasus, Russia. Geology of Ore Deposits, 2013, 55, 541-548.	0.2	3
48	Irinarassite Ca3Sn2SiAl2O12 â€“ new garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. Mineralogical Magazine, 2013, 77, 2857-2866.	0.6	7
49	Nomenclature of the garnet supergroup. American Mineralogist, 2013, 98, 785-811.	0.9	220
50	Dzhuluite, Ca3SbSnFe3+3O12, a new bitikleite-group garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. European Journal of Mineralogy, 2013, 25, 231-239.	0.4	6
51	Eltyubyuite, Ca12Fe3+10Si4O32Cl6 - the Fe3+ analogue of wadalite: a new mineral from the Northern Caucasus, Kabardino-Balkaria, Russia. European Journal of Mineralogy, 2013, 25, 221-229.	0.4	10
52	A reinvestigation of mayenite from the type locality, the Ettringer Bellerberg volcano near Mayen, Eifel district, Germany. Mineralogical Magazine, 2012, 76, 707-716.	0.6	22
53	Pavlovskyite Ca8(SiO4)2(Si3O10): A new mineral of altered silicate-carbonate xenoliths from the two Russian type localities, Birkhin massif, Baikal Lake area and Upper Chegem caldera, North Caucasus. American Mineralogist, 2012, 97, 503-512.	0.9	18
54	Trabzonite, Ca₄[Si₃O₉(OH)]OH: crystal structure, revised formula, new occurrence and relation to killalaite. Mineralogical Magazine, 2012, 76, 455-472.	0.6	9

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55	Thermally induced transformation of vorlanite to "protovorlanite": Restoration of cation ordering in self-irradiated CaUO4. American Mineralogist, 2012, 97, 1002-1004.	0.9	12
56	Edgrewite Ca9(SiO4)4F2-hydroxyledgrewite Ca9(SiO4)4(OH)2, a new series of calcium humite-group minerals from altered xenoliths in the ignimbrite of Upper Chegem caldera, Northern Caucasus, Kabardino-Balkaria, Russia. American Mineralogist, 2012, 97, 1998-2006.	0.9	14
57	Chlorine content and crystal chemistry of dellaite from the Birkhin gabbro massif, Eastern Siberia, Russia. Mineralogical Magazine, 2011, 75, 379-394.	0.6	8
58	Rusinovite, Ca10 (Si2 O7)3 Cl2: a new skarn mineral from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. European Journal of Mineralogy, 2011, 23, 837-844.	0.4	20
59	Megawite, CaSnO₃: a new perovskite-group mineral from skarns of the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. Mineralogical Magazine, 2011, 75, 2563-2572.	0.6	11
60	Vorlanite (CaU6+)O4--A new mineral from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. American Mineralogist, 2011, 96, 188-196.	0.9	37
61	Postsedimentation transformation of triassic terrigenous rocks in West Chukotka as an indicator of folding conditions. Geotectonics, 2011, 45, 225-239.	0.2	4
62	Magnesioneptunite, KNa2Li(Mg,Fe)2Ti2Si8O24, a new mineral species of the neptunite group. Geology of Ore Deposits, 2011, 53, 775-782.	0.2	4
63	Pertsevite-(OH), a new mineral in the pertsevite series, Mg2(BO3)1-x(SiO4)x(F,OH)1-x (x < 0.5), from the Snezhnoye deposit in Sakha-Yakutia Republic, Russia. American Mineralogist, 2010, 95, 953-958.	0.9	1
64	Elbrusite-(Zr)--A new uranian garnet from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. American Mineralogist, 2010, 95, 1172-1181.	0.9	45
65	Bitikleite-(SnAl) and bitikleite-(ZrFe): New garnets from xenoliths of the Upper Chegem volcanic structure, Kabardino-Balkaria, Northern Caucasus, Russia. American Mineralogist, 2010, 95, 959-967.	0.9	20
66	Toturite Ca3Sn2Fe2SiO12--A new mineral species of the garnet group. American Mineralogist, 2010, 95, 1305-1311.	0.9	21
67	Eringaite, Ca3Sc2(SiO4)3, a new mineral of the garnet group. Mineralogical Magazine, 2010, 74, 365-373.	0.6	16
68	Kumtyubeite Ca5(SiO4)2F2--A new calcium mineral of the humite group from Northern Caucasus, Kabardino-Balkaria, Russia. American Mineralogist, 2009, 94, 1361-1370.	0.9	22
69	Chegemite Ca7(SiO4)3(OH)2 a new humite-group calcium mineral from the Northern Caucasus, Kabardino-Balkaria, Russia. European Journal of Mineralogy, 2009, 21, 1045-1059.	0.4	34
70	A new natural phase in the system Mg2SiO4Mg2BO3FMg2BO3(OH): composition, paragenesis and structure of OH-dominant pertsevite. European Journal of Mineralogy, 2008, 20, 951-964.	0.4	9
71	Lakargiite CaZrO3: A new mineral of the perovskite group from the North Caucasus, Kabardino-Balkaria, Russia. American Mineralogist, 2008, 93, 1903-1910.	0.9	58
72	The modular structure of dovyrenite, Ca6Zr[Si2O7]2(OH)4: Alternate stacking of tobermorite and rosenbuschite-like units. American Mineralogist, 2008, 93, 456-462.	0.9	8

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73	Dovyrenite Ca6Zr[Si2O7]2(OH)4 - A New Mineral from Skarned Carbonate Xenoliths in Basic-Ultrabasic Rocks of the Ioko-Dovyren Massif, Northern Baikal Region, Russia. Mineralogia, 2007, 38, 15-28.	0.4	8
74	THE CRYSTAL STRUCTURE OF Si-DEFICIENT, OH-SUBSTITUTED, BORON-BEARING VESUVIANITE FROM THE WILUY RIVER, SAKHA-YAKUTIA, RUSSIA. Canadian Mineralogist, 2007, 45, 239-248.	0.3	18
75	Atoll Garnets in "Achtarandite" Serpentinites: Morphology, Composition and Mode of Origin. Mineralogia, 2007, 38, 139-150.	0.4	3
76	Deformation of the Chukchi microcontinent: Structural, lithologic, and geochronological evidence. Geotectonics, 2007, 41, 403-421.	0.2	13
77	A natural scandian garnet. American Mineralogist, 2005, 90, 1688-1692.	0.9	17
78	MORPHOLOGY, COMPOSITION AND STRUCTURE OF LOW-TEMPERATURE P4/nnc HIGH-FLUORINE VESUVIANITE WHISKERS FROM POLAR YAKUTIA, RUSSIA. Canadian Mineralogist, 2003, 41, 843-856.	0.3	32
79	Achtarandite - sponge hibschite pseudomorph after wadalite-like phase: internal morphology and mechanism of formation. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2003, 178, 63-74.	0.1	5
80	Si-DEFICIENT, OH-SUBSTITUTED, BORON-BEARING VESUVIANITE FROM THE WILUY RIVER, YAKUTIA, RUSSIA. Canadian Mineralogist, 2003, 41, 833-842.	0.3	24
81	The non-ring cations influence on silicooxygen ring vibrations. Journal of Molecular Structure, 2000, 555, 357-362.	1.8	67
82	Mcconnellite, CuCrO₂ and ellinaite, CaCr₂O₄, from varicoloured spurrite marble of the Daba-Siwaqa area, Hatrurim Complex, Jordan. Mineralogical Magazine, 0, , 1-11.	0.6	3