

Irina Galuskina

List of Publications by Year in descending order

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82
papers

1,448
citations

331538

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377752

34
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86
all docs

86
docs citations

86
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Nomenclature of the garnet supergroup. <i>American Mineralogist</i> , 2013, 98, 785-811.	0.9	220
2	The non-ring cations influence on silicoxygen ring vibrations. <i>Journal of Molecular Structure</i> , 2000, 555, 357-362.	1.8	67
3	Harmunite CaFe ₂ O ₄ : A new mineral from the Jabel Harmun, West Bank, Palestinian Autonomy, Israel. <i>American Mineralogist</i> , 2014, 99, 965-975.	0.9	64
4	Lakargiite CaZrO ₃ : A new mineral of the perovskite group from the North Caucasus, Kabardino-Balkaria, Russia. <i>American Mineralogist</i> , 2008, 93, 1903-1910.	0.9	58
5	Elbrusite-(Zr)—A new uranian garnet from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. <i>American Mineralogist</i> , 2010, 95, 1172-1181.	0.9	45
6	Shulamitite Ca ₃ TiFe ₃ + AlO ₈ - a new perovskite-related mineral from Hatrurim Basin, Israel. <i>European Journal of Mineralogy</i> , 2013, 25, 97-111.	0.4	40
7	Silicocarnotite, Ca ₅ [(SiO ₄)(PO ₄)](PO ₄), a new „old" mineral from the Negev Desert, Israel, and the ternesite—silicocarnotite solid solution: indicators of high-temperature alteration of pyrometamorphic rocks of the Hatrurim Complex, Southern Levant. <i>European Journal of Mineralogy</i> , 2016, 28, 105-123.	0.4	39
8	Vorlanite (CaU ₆₊)O ₄ —A new mineral from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. <i>American Mineralogist</i> , 2011, 96, 188-196.	0.9	37
9	Chegemite Ca ₇ (SiO ₄) ₃ (OH) ₂ a new humite-group calcium mineral from the Northern Caucasus, Kabardino-Balkaria, Russia. <i>European Journal of Mineralogy</i> , 2009, 21, 1045-1059.	0.4	34
10	MORPHOLOGY, COMPOSITION AND STRUCTURE OF LOW-TEMPERATURE P4/nnc HIGH-FLUORINE VESUVIANITE WHISKERS FROM POLAR YAKUTIA, RUSSIA. <i>Canadian Mineralogist</i> , 2003, 41, 843-856.	0.3	32
11	New minerals with a modular structure derived from hatrurite from the pyrometamorphic Hatrurim Complex. Part II. Zadovite, BaCa ₆ [(SiO ₄) ₄](PO ₄) ₄ F and aradite, BaCa ₆ [(SiO ₄) ₄](VO ₄) ₄ F, from paralavas of the Hatrurim Basin, Negev Desert, Israel. <i>Mineralogical Magazine</i> , 2015, 79, 1073-1087.	0.6	32
12	Khesinite, Ca ₄ Mg ₂ Fe ₃ + 10O ₄ [(Fe ₃₊ + 10Si ₂)O ₃₆], a new rhÄ‰nite-group (sapphirine supergroup) mineral from the Negev Desert, Israel— natural analogue of the SFCA phase. <i>European Journal of Mineralogy</i> , 2017, 29, 101-116.	0.4	31
13	Mayenite supergroup, part III: Fluormayenite, Ca ₁₂ Al ₁₄ O ₃₂ [Ä‰ ⁴ F ₂], and fluorkyuygenite, Ca ₁₂ Al ₁₄ O ₃₂ [(H ₂ O) ₄ F ₂], two new minerals from pyrometamorphic rocks of the Hatrurim Complex, South Levant. <i>European Journal of Mineralogy</i> , 2015, 27, 123-136.	0.4	29
14	Mayenite supergroup, part I: Recommended nomenclature. <i>European Journal of Mineralogy</i> , 2015, 27, 99-111.	0.4	27
15	New minerals with a modular structure derived from hatrurite from the pyrometamorphic Hatrurim Complex. Part I. Nabimusaite, KCa ₁₂ (SiO ₄) ₄ (SO ₄) ₂ O ₂ F, from larnite rocks of Jabel Harmun, Palestinian Autonomy, Israel. <i>Mineralogical Magazine</i> , 2015, 79, 1061-1072.	0.6	27
16	Vapnikite Ca ₃ UO ₆ — a new double-perovskite mineral from pyrometamorphic larnite rocks of the Jabel Harmun, Palestinian Autonomy, Israel. <i>Mineralogical Magazine</i> , 2014, 78, 571-581.	0.6	25
17	Si-DEFICIENT, OH-SUBSTITUTED, BORON-BEARING VESUVIANITE FROM THE WILUY RIVER, YAKUTIA, RUSSIA. <i>Canadian Mineralogist</i> , 2003, 41, 833-842.	0.3	24
18	The crystal structure of flamite and its relation to Ca ₂ SiO ₄ polymorphs and nagelschmidite. <i>European Journal of Mineralogy</i> , 2015, 27, 755-769.	0.4	23

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19	Kumtyubeite $\text{Ca}_5(\text{SiO}_4)_2\text{F}_2$ —A new calcium mineral of the humite group from Northern Caucasus, Kabardino-Balkaria, Russia. <i>American Mineralogist</i> , 2009, 94, 1361-1370.	0.9	22
20	A reinvestigation of mayenite from the type locality, the Ettringer Bellerberg volcano near Mayen, Eifel district, Germany. <i>Mineralogical Magazine</i> , 2012, 76, 707-716.	0.6	22
21	New minerals with a modular structure derived from hatrurite from the pyrometamorphic rocks. Part III. Gazeevite, $\text{BaCa}_6(\text{SiO}_4)_2(\text{SO}_4)_2\text{O}$, from Israel and the Palestine Autonomy, South Levant, and from South Ossetia, Greater Caucasus. <i>Mineralogical Magazine</i> , 2017, 81, 499-513.	0.6	22
22	Toturite $\text{Ca}_3\text{Sn}_2\text{Fe}_2\text{SiO}_{12}$ —A new mineral species of the garnet group. <i>American Mineralogist</i> , 2010, 95, 1305-1311.	0.9	21
23	Gurimite, $\text{Ba}_3(\text{VO}_4)_2$ and hexacelsian, $\text{BaAl}_2\text{Si}_2\text{O}_8$ — two new minerals from schorlomite-rich paralava of the Hatrurim Complex, Negev Desert, Israel. <i>Mineralogical Magazine</i> , 2017, 81, 1009-1019.	0.6	21
24	Bitikleite-(SnAl) and bitikleite-(ZrFe): New garnets from xenoliths of the Upper Chegem volcanic structure, Kabardino-Balkaria, Northern Caucasus, Russia. <i>American Mineralogist</i> , 2010, 95, 959-967.	0.9	20
25	Rusinovite, $\text{Ca}_{10}(\text{Si}_2\text{O}_7)_3\text{Cl}_2$: a new skarn mineral from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. <i>European Journal of Mineralogy</i> , 2011, 23, 837-844.	0.4	20
26	THE CRYSTAL STRUCTURE OF Si-DEFICIENT, OH-SUBSTITUTED, BORON-BEARING VESUVIANITE FROM THE WILUY RIVER, SAKHA-YAKUTIA, RUSSIA. <i>Canadian Mineralogist</i> , 2007, 45, 239-248.	0.3	18
27	Pavlovskiyite $\text{Ca}_8(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})$: 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. <i>American Mineralogist</i> , 2012, 97, 503-512.	0.9	18
28	A natural scandian garnet. <i>American Mineralogist</i> , 2005, 90, 1688-1692.	0.9	17
29	Vorlanite, $(\text{CaU}_6^+)\text{O}_4$, from Jabel Harmun, Palestinian Autonomy, Israel. <i>American Mineralogist</i> , 2013, 98, 1938-1942.	0.9	17
30	Eringaite, $\text{Ca}_3\text{Sc}_2(\text{SiO}_4)_3$, a new mineral of the garnet group. <i>Mineralogical Magazine</i> , 2010, 74, 365-373.	0.6	16
31	Walstromite, $\text{BaCa}_2(\text{Si}_3\text{O}_9)$, from Rankinite Paralava within Gehlenite Hornfels of the Hatrurim Basin, Negev Desert, Israel. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 407.	0.8	16
32	Mayenite supergroup, part IV: Crystal structure and Raman investigation of Al-free eltyubyuite from the Shadil-Khokh volcano, Kel' Plateau, Southern Ossetia, Russia. <i>European Journal of Mineralogy</i> , 2015, 27, 137-143.	0.4	15
33	Edgrewite $\text{Ca}_9(\text{SiO}_4)_4\text{F}_2$ -hydroxyledgrewite $\text{Ca}_9(\text{SiO}_4)_4(\text{OH})_2$, a new series of calcium humite-group minerals from altered xenoliths in the ignimbrite of Upper Chegem caldera, Northern Caucasus, Kabardino-Balkaria, Russia. <i>American Mineralogist</i> , 2012, 97, 1998-2006.	0.9	14
34	New Mineral with Modular Structure Derived from Hatrurite from the Pyrometamorphic Rocks of the Hatrurim Complex: Ariegilatite, $\text{BaCa}_{12}(\text{SiO}_4)_4(\text{PO}_4)_2\text{F}_2\text{O}$, from Negev Desert, Israel. <i>Minerals (Basel)</i> , 2020, 10, 407.	0.8	14
35	Deformation of the Chukchi microcontinent: Structural, lithologic, and geochronological evidence. <i>Geotectonics</i> , 2007, 41, 403-421.	0.2	13
36	Thermally induced transformation of vorlanite to "protovorlanite": Restoration of cation ordering in self-irradiated CaUO_4 . <i>American Mineralogist</i> , 2012, 97, 1002-1004.	0.9	12

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37	Dzierżanowskite, CaCu_2S_2 – a new natural thiocuprate from Jabel Harmun, Judean Desert, Palestine Autonomy, Israel. <i>Mineralogical Magazine</i> , 2017, 81, 1073-1085.	0.6	12
38	Megawite, CaSnO_3 : a new perovskite-group mineral from skarns of the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. <i>Mineralogical Magazine</i> , 2011, 75, 2563-2572.	0.6	11
39	Elyubyuite, $\text{Ca}_{12}\text{Fe}_3+10\text{Si}_4\text{O}_{32}\text{Cl}_6$ - the Fe^{3+} analogue of wadalite: a new mineral from the Northern Caucasus, Kabardino-Balkaria, Russia. <i>European Journal of Mineralogy</i> , 2013, 25, 221-229.	0.4	10
40	Mayenite supergroup, part II: Chlorkyuygenite from Upper Chegem, Northern Caucasus, Kabardino-Balkaria, Russia, a new microporous mineral with "zeolitic" H_2O . <i>European Journal of Mineralogy</i> , 2015, 27, 113-122.	0.4	10
41	Wernerkrauseite, $\text{CaFe}_3+2\text{Mn}_4\text{O}_6$: the first nonstoichiometric post-spinel mineral, from Bellerberg volcano, Eifel, Germany. <i>European Journal of Mineralogy</i> , 2016, 28, 485-493.	0.4	10
42	Stracherite, $\text{BaCa}_6(\text{SiO}_4)_2[(\text{PO}_4)(\text{CO}_3)]\text{F}$, the first CO_3 -bearing intercalated hexagonal antiperovskite from Negev Desert, Israel. <i>American Mineralogist</i> , 2018, 103, 1699-1706.	0.9	10
43	A new natural phase in the system $\text{Mg}_2\text{SiO}_4\text{Mg}_2\text{BO}_3\text{FMg}_2\text{BO}_3(\text{OH})$: composition, paragenesis and structure of OH-dominant pertsevit. <i>European Journal of Mineralogy</i> , 2008, 20, 951-964.	0.4	9
44	Trabzonite, $\text{Ca}_4[\text{Si}_3\text{O}_9(\text{OH})]\text{OH}$: crystal structure, revised formula, new occurrence and relation to killalaite. <i>Mineralogical Magazine</i> , 2012, 76, 455-472.	0.6	9
45	Dovyrenite $\text{Ca}_6\text{Zr}[\text{Si}_2\text{O}_7]_2(\text{OH})_4$ - A New Mineral from Skarned Carbonate Xenoliths in Basic-Ultrabasic Rocks of the Ioko-Dovyren Massif, Northern Baikal Region, Russia. <i>Mineralogia</i> , 2007, 38, 15-28.	0.4	8
46	The modular structure of dovyrenite, $\text{Ca}_6\text{Zr}[\text{Si}_2\text{O}_7]_2(\text{OH})_4$: Alternate stacking of tobermorite and rosenbuschite-like units. <i>American Mineralogist</i> , 2008, 93, 456-462.	0.9	8
47	Chlorine content and crystal chemistry of dellaite from the Birkhin gabbro massif, Eastern Siberia, Russia. <i>Mineralogical Magazine</i> , 2011, 75, 379-394.	0.6	8
48	FLUORCHEGEMITE, $\text{Ca}_7(\text{SiO}_4)_3\text{F}_2$, 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. <i>Canadian Mineralogist</i> , 2015, 53, 325-344.	0.3	8
49	Dynamic Disorder of Fe^{3+} Ions in the Crystal Structure of Natural Barioferrite. <i>Minerals (Basel)</i> , 2020, 10, 560.	0.8	8
50	Mineralogy, chemistry and rock mechanic parameters of katoite-bearing rock from the Hatrurim Basin, Israel. <i>Journal of African Earth Sciences</i> , 2018, 147, 322-330.	0.9	8
51	Sharyginite, $\text{Ca}_3\text{TiFe}_2\text{O}_8$, A New Mineral from the Bellerberg Volcano, Germany. <i>Minerals (Basel)</i> , 2020, 10, 560.	0.8	8
52	Raman spectroscopy and structural study of baryte-hashemite solid solution from pyrometamorphic rocks of the Hatrurim Complex, Israel. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 582-592.	2.0	8
53	Molecular Hydrogen in Natural Mayenite. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 560.	0.8	8
54	Irinarassite $\text{Ca}_3\text{Sn}_2\text{SiAl}_2\text{O}_{12}$ – new garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. <i>Mineralogical Magazine</i> , 2013, 77, 2857-2866.	0.6	7

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55	Levantite, $KCa_3(Al_2Si_3)O_{11}(PO_4)$, a new latiumite-group mineral from the pyrometamorphic rocks of the Hatrurim Basin, Negev Desert, Israel. <i>Mineralogical Magazine</i> , 2019, 83, 713-721.	0.6	7
56	Dzhuluite, $Ca_3SbSnFe_3+3O_{12}$, a new bitikleite-group garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. <i>European Journal of Mineralogy</i> , 2013, 25, 231-239.	0.4	6
57	Chlorellestadite, $Ca_5(SiO_4)_{1.5}(SO_4)_{1.5}Cl$, a new ellestadite- group mineral from the Shadil-Khokh volcano, South Ossetia. <i>Mineralogy and Petrology</i> , 2018, 112, 743-752.	0.4	6
58	First natural hexaferrite with mixed $\hat{I}^2\hat{a}^{\prime}$ -ferrite (\hat{I}^2 -alumina) and magnetoplumbite structure from Jabal Harmun, Palestinian Autonomy. <i>European Journal of Mineralogy</i> , 2018, 30, 559-567.	0.4	6
59	New Occurrence of Rusinovite, $Ca_{10}(Si_2O_7)_3Cl_2$: Composition, Structure and Raman Data of Rusinovite from Shadil-Khokh Volcano, South Ossetia and Bellerberg Volcano, Germany. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 399.	0.8	6
60	New minerals with modular structure derived from hatrurite from the pyrometamorphic rocks. Part IV: Dargaite, $BaCa_{12}(SiO_4)_4(SO_4)_2O_3$, from Nahal Darga, Palestinian Autonomy. <i>Mineralogical Magazine</i> , 2019, 83, 81-88.	0.6	6
61	Structural investigations on bredigite from the Hatrurim Complex. <i>Mineralogy and Petrology</i> , 2019, 113, 261-272.	0.4	6
62	Spectroscopic and structural investigations of blue afwillite from Ma ^â male Adummim locality, Palestinian Autonomy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117688.	2.0	6
63	Achtarandite - sponge hibschite pseudomorph after wadalite-like phase: internal morphology and mechanism of formation. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2003, 178, 63-74.	0.1	5
64	Different route of hydroxide incorporation and thermal stability of new type of water clathrate: X-ray single crystal and Raman investigation. <i>Scientific Reports</i> , 2017, 7, 9046.	1.6	5
65	Priscillagrewite-(Y), $(Ca_2Y)Zr_2Al_3O_{12}$: A new garnet of the bitikleite group from the Daba-Siwaqa area, the Hatrurim Complex, Jordan. <i>American Mineralogist</i> , 2021, 106, 641-649.	0.9	5
66	Mineralogical, Geochemical, and Rock Mechanic Characteristics of Zeolite-Bearing Rocks of the Hatrurim Basin, Israel. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1062.	0.8	5
67	Calciolangbeinite- <i>O</i> , a natural orthorhombic modification of $K_2Ca_2(SO_4)_3$, and the langbeinite ^â calciolangbeinite solid-solution system. <i>Mineralogical Magazine</i> , 2022, 86, 557-569.	0.6	5
68	Postsedimentation transformation of triassic terrigenous rocks in West Chukotka as an indicator of folding conditions. <i>Geotectonics</i> , 2011, 45, 225-239.	0.2	4
69	Magnesioneptunite, $KNa_2Li(Mg,Fe)_2Ti_2Si_8O_{24}$, a new mineral species of the neptunite group. <i>Geology of Ore Deposits</i> , 2011, 53, 775-782.	0.2	4
70	Crystal chemistry and hydrogen bonding of rustumite $Ca_{10}(Si_2O_7)_2(SiO_4)(OH)_2Cl_2$ with variable OH, Cl, F. <i>American Mineralogist</i> , 2013, 98, 493-500.	0.9	4
71	Bennesherrite, $Ba_2Fe_2+Si_2O_7$: A new melilite group mineral from the Hatrurim Basin, Negev Desert, Israel. <i>American Mineralogist</i> , 2022, 107, 138-146.	0.9	4
72	Nomenclature and Classification of the Arctite Supergroup. Aravaite, $Ba_2Ca_{18}(SiO_4)_6[(PO_4)_3(CO_3)]F_3O$, a New Arctite Supergroup Mineral from Negev Desert, Israel. <i>Canadian Mineralogist</i> , 2021, , .	0.3	4

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73	Atoll Garnets in "Achtarandite" Serpentinites: Morphology, Composition and Mode of Origin. <i>Mineralogia</i> , 2007, 38, 139-150.	0.4	3
74	Aklimaite, $\text{Ca}_4[\text{Si}_2\text{O}_5(\text{OH})_2](\text{OH})_4 \cdot 5\text{H}_2\text{O}$, a new natural hydrosilicate from Mount Lakargi, the Northern Caucasus, Russia. <i>Geology of Ore Deposits</i> , 2013, 55, 541-548.	0.2	3
75	Aravaite, $\text{Ba}_2\text{Ca}_{18}(\text{SiO}_4)_6(\text{PO}_4)_3(\text{CO}_3)_3\text{F}_3$, a new mineral with modular structure and disorder of a new mineral with single and triple antiperovskite layers. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 492-501.	0.5	3
76	Qatranaitite, $\text{CaZn}_2(\text{OH})_6 \cdot 2\text{H}_2\text{O}$: a new mineral from altered pyrometamorphic rocks of the Hatrurim Complex, Daba-Siwaqa, Jordan. <i>European Journal of Mineralogy</i> , 2019, 31, 575-584.	0.4	3
77	Mcconnellite, CuCrO_2 and ellinaite, CaCr_2O_4 , from varicoloured spurrite marble of the Daba-Siwaqa area, Hatrurim Complex, Jordan. <i>Mineralogical Magazine</i> , 0, , 1-11.	0.6	3
78	Kahlenbergite KAl_3O_7 , a new Al^2+ -alumina mineral and Fe-rich hibonite from the Hatrurim Basin, the Negev desert, Israel. <i>European Journal of Mineralogy</i> , 2021, 33, 341-355.	0.4	3
79	Raman Spectroscopy and Single-Crystal High-Temperature Investigations of Bentorite, $\text{Ca}_6\text{Cr}_2(\text{SO}_4)_3(\text{OH})_{12} \cdot 26\text{H}_2\text{O}$. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 38.	0.8	2
80	Pertsevite-(OH), a new mineral in the pertsevite series, $\text{Mg}_2(\text{BO}_3)_{1-x}(\text{SiO}_4)_x(\text{F},\text{OH})_{1-x}$ ($x \leq 0.5$), from the Snezhnoye deposit in Sakha-Yakutia Republic, Russia. <i>American Mineralogist</i> , 2010, 95, 953-958.	0.9	1
81	Greenockite Whiskers from the Bytom Burned Coal Dump, Upper Silesia, Poland. <i>Minerals (Basel)</i> , 2021, 11, 1078-1084.	0.8	1
82	Editorial for Special Issue "New Mineral Species and Their Crystal Structures". <i>Minerals (Basel)</i> , 2021, 11, 1078-1084.	0.8	10