

Inna Safonova

List of Publications by Year in descending order

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81
papers

4,512
citations

117571

34
h-index

102432

66
g-index

85
all docs

85
docs citations

85
times ranked

2372
citing authors

#	ARTICLE	IF	CITATIONS
1	The timing and extent of the eruption of the Siberian Traps large igneous province: Implications for the end-Permian environmental crisis. <i>Earth and Planetary Science Letters</i> , 2009, 277, 9-20.	1.8	435
2	Accretionary complexes in the Asia-Pacific region: Tracing archives of ocean plate stratigraphy and tracking mantle plumes. <i>Gondwana Research</i> , 2014, 25, 126-158.	3.0	418
3	Recognition of ocean plate stratigraphy in accretionary orogens through Earth history: A record of 3.8 billion years of sea floor spreading, subduction, and accretion. <i>Gondwana Research</i> , 2013, 24, 501-547.	3.0	273
4	Evolution of the Paleo-Asian Ocean (Altai-Sayan Region, Central Asia) and collision of possible Gondwana-derived terranes with the southern marginal part of the Siberian continent. <i>Geosciences Journal</i> , 2001, 5, 203-224.	0.6	252
5	A new concept of continental construction in the Central Asian Orogenic Belt. <i>Episodes</i> , 2011, 34, 186-196.	0.8	204
6	Late Paleozoic faults of the Altai region, Central Asia: tectonic pattern and model of formation. <i>Journal of Asian Earth Sciences</i> , 2004, 23, 655-671.	1.0	196
7	Pacific superplume-related oceanic basalts hosted by accretionary complexes of Central Asia, Russian Far East and Japan. <i>Gondwana Research</i> , 2009, 16, 587-608.	3.0	166
8	Geochemistry and U-Pb detrital zircon dating of Paleozoic graywackes in East Junggar, NW China: Insights into subduction-accretion processes in the southern Central Asian Orogenic Belt. <i>Gondwana Research</i> , 2012, 21, 637-653.	3.0	158
9	Juvenile versus recycled crust in the Central Asian Orogenic Belt: Implications from ocean plate stratigraphy, blueschist belts and intra-oceanic arcs. <i>Gondwana Research</i> , 2017, 47, 6-27.	3.0	138
10	Intra-oceanic arcs of the Paleo-Asian Ocean. <i>Gondwana Research</i> , 2017, 50, 167-194.	3.0	131
11	Intraplate magmatism and oceanic plate stratigraphy of the Paleo-Asian and Paleo-Pacific Oceans from 600 to 140 Ma. <i>Ore Geology Reviews</i> , 2009, 35, 137-154.	1.1	125
12	Fragments of Vendian-Early Carboniferous Oceanic Crust of the Paleo-Asian Ocean in Foldbelts of the Altai-Sayan Region of Central Asia: Geochemistry, Biostratigraphy and Structural Setting. <i>Gondwana Research</i> , 2004, 7, 771-790.	3.0	83
13	Recognizing OIB and MORB in accretionary complexes: A new approach based on ocean plate stratigraphy, petrology and geochemistry. <i>Gondwana Research</i> , 2016, 33, 92-114.	3.0	82
14	LA ICP MS U-Pb ages of detrital zircons from Russia largest rivers: Implications for major granitoid events in Eurasia and global episodes of supercontinent formation. <i>Journal of Geodynamics</i> , 2010, 50, 134-153.	0.7	80
15	Mud volcano origin of the Mottled Zone, South Levant. <i>Geoscience Frontiers</i> , 2013, 4, 597-619.	4.3	77
16	Middle Paleozoic mafic magmatism and ocean plate stratigraphy of the South Tianshan, Kyrgyzstan. <i>Gondwana Research</i> , 2016, 30, 236-256.	3.0	77
17	Late Paleozoic oceanic basalts hosted by the Char suture-shear zone, East Kazakhstan: Geological position, geochemistry, petrogenesis and tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 20-39.	1.0	73
18	Geometry, kinematics and tectonic models of the Kazakhstan Orocline, Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2018, 153, 42-56.	1.0	72

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19	Neoproterozoic basalts of the Paleo-Asian Ocean (Kurai accretionary zone, Gorny Altai, Russia): geochemistry, petrogenesis, and geodynamics. <i>Russian Geology and Geophysics</i> , 2008, 49, 254-271.	0.3	69
20	Geochemistry, petrogenesis and geodynamic origin of basalts from the Katunâ€™ accretionary complex of Gorny Altai (<i>southwestern Siberia</i>). <i>Russian Geology and Geophysics</i> , 2011, 52, 421-442.	0.3	67
21	Ophiolites of the Central Asian Orogenic Belt: Geochemical and petrological characterization and tectonic settings. <i>Geoscience Frontiers</i> , 2019, 10, 1255-1284.	4.3	66
22	Geochemical characterization of ophiolites in the Alpine-Himalayan Orogenic Belt: Magmatically and tectonically diverse evolution of the Mesozoic Neotethyan oceanic crust. <i>Earth-Science Reviews</i> , 2020, 208, 103258.	4.0	58
23	Oceanic island basalts in accretionary complexes of SW Japan: Tectonic and petrogenetic implications. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 508-523.	1.0	55
24	The Russian-Kazakh Altai orogen: An overview and main debatable issues. <i>Geoscience Frontiers</i> , 2014, 5, 537-552.	4.3	53
25	Collision of the Tacheng block with the Mayile-Barleik-Tangbale accretionary complex in Western Junggar, NW China: Implication for Early-Middle Paleozoic architecture of the western Altai. <i>Journal of Asian Earth Sciences</i> , 2018, 159, 259-278.	1.0	51
26	Geochemical diversity in oceanic basalts hosted by the Zasukâ€™ya accretionary complex, NW Russian Altai, Central Asia: Implications from trace elements and Nd isotopes. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 191-207.	1.0	50
27	Early Carboniferous volcanic rocks of West Junggar in the western Central Asian Orogenic Belt: implications for a supra-subduction system. <i>International Geology Review</i> , 2014, 56, 823-844.	1.1	45
28	Permo-Triassic plume magmatism of the Kuznetsk Basin, Central Asia: geology, geochronology, and geochemistry. <i>Russian Geology and Geophysics</i> , 2010, 51, 1021-1036.	0.3	43
29	Late Paleozoicâ€™Cenozoic intra-plate continental basaltic magmatism of the Tianshanâ€™Junggar region in the SW Central Asian Orogenic Belt. <i>Gondwana Research</i> , 2015, 27, 1646-1666.	3.0	40
30	Whole-rock geochemistry and Srâ€™Ndâ€™Pb isotope systematics of the Late Carboniferous volcanic rocks of the Awulale metallogenic belt in the western Tianshan Mountains (NW China): Petrogenesis and geodynamical implications. <i>Lithos</i> , 2015, 228-229, 62-77.	0.6	38
31	Asia: a frontier for a future supercontinent Amasia. <i>International Geology Review</i> , 2014, 56, 1051-1071.	1.1	37
32	Solved and unsolved problems of sedimentation, glaciation and paleolakes of the Darhad Basin, Northern Mongolia. <i>Quaternary Science Reviews</i> , 2012, 56, 142-163.	1.4	36
33	Deposition in the Kuznetsk Basin, Siberia: Insights into the Permianâ€™Triassic transition and the Mesozoic evolution of Central Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 295, 307-322.	1.0	35
34	Regional to local environmental changes in southern Western Siberia: Evidence from biotic records of mid to late Holocene sediments of Lake Beloye. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 331-332, 177-193.	1.0	35
35	Generation of hydrous-carbonated plumes in the mantle transition zone linked to tectonic erosion and subduction. <i>Tectonophysics</i> , 2015, 662, 454-471.	0.9	33
36	The Caucasian-Arabian segment of the Alpine-Himalayan collisional belt: Geology, volcanism and neotectonics. <i>Geoscience Frontiers</i> , 2015, 6, 513-522.	4.3	33

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37	Geochemical evolution of intraplate magmatism in the Paleo-Asian Ocean from the Late Neoproterozoic to the Early Cambrian. <i>Petrology</i> , 2008, 16, 492-511.	0.2	30
38	Supra-subduction igneous formations of the Char ophiolite belt, East Kazakhstan. <i>Gondwana Research</i> , 2018, 59, 159-179.	3.0	30
39	Detrital zircon provenance of early Palaeozoic sediments at the southwestern margin of the Siberian Craton: Insights from U–Pb geochronology. <i>Journal of Asian Earth Sciences</i> , 2014, 82, 115-123.	1.0	29
40	Evolution of Mesozoic fluvial systems along the SE flank of the West Siberian Basin, Russia. <i>Sedimentary Geology</i> , 2008, 208, 45-60.	1.0	28
41	A geochemical and Sr–Nd isotopic study of the Vendian greenstones from Gorny Altai, southern Siberia: Implications for the tectonic setting of the formation of greenstones and the role of oceanic plateaus in accretionary orogen. <i>Lithos</i> , 2009, 113, 437-453.	0.6	28
42	The Itmurundy Pacific-type orogenic belt in northern Balkhash, central Kazakhstan: Revisited plus first U–Pb age, geochemical and Nd isotope data from igneous rocks. <i>Gondwana Research</i> , 2020, 79, 49-69.	3.0	28
43	Tonalites and plagiogranites of the Char suture-shear zone in East Kazakhstan: Implications for the Kazakhstan-Siberia collision. <i>Geoscience Frontiers</i> , 2016, 7, 141-150.	4.3	27
44	Triggers and sources of volatile-bearing plumes in the mantle transition zone. <i>Geoscience Frontiers</i> , 2015, 6, 679-685.	4.3	26
45	Holocene sedimentary records from Lake Borsog, eastern shore of Lake Khuvsgul, Mongolia, and their paleoenvironmental implications. <i>Quaternary International</i> , 2013, 290-291, 95-109.	0.7	23
46	Whole-mantle convection with tectonic plates preserves long-term global patterns of upper mantle geochemistry. <i>Scientific Reports</i> , 2017, 7, 1870.	1.6	23
47	An abrupt ecosystem change in Lake Belye, southern Western Siberia: Palaeoclimate versus local environment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 331-332, 194-206.	1.0	19
48	Heterogeneous distribution of water in the mantle beneath the central Siberian Craton: Implications from the Udachnaya Kimberlite Pipe. <i>Gondwana Research</i> , 2017, 47, 249-266.	3.0	19
49	Geochemistry and petrogenesis of suprasubduction volcanic complexes of the Char shear zone, eastern Kazakhstan. <i>Russian Geology and Geophysics</i> , 2014, 55, 62-77.	0.3	18
50	Basin structures and sediment accumulation in the Baikal Rift Zone: Implications for Cenozoic intracontinental processes in the Central Asian Orogenic Belt. <i>Gondwana Research</i> , 2017, 47, 267-290.	3.0	17
51	Early Carboniferous metamorphism of the Neoproterozoic South Tien Shan-Karakum basement: New geochronological results from Baisun and Kyzylkum, Uzbekistan. <i>Journal of Asian Earth Sciences</i> , 2019, 177, 275-286.	1.0	16
52	Unique Cu-rich sulphide ores of the Southern-2 orebody in the Talnakh Intrusion, Norilsk area (Russia): Geochemistry, mineralogy and conditions of crystallization. <i>Ore Geology Reviews</i> , 2020, 122, 103525.	1.1	16
53	Late Cenozoic intra-plate basalts of the Greater Khingan Range in NE China and Khangai Province in Central Mongolia. <i>Gondwana Research</i> , 2018, 63, 65-84.	3.0	13
54	Adakite-like granitoids of Songkultau: A relic of juvenile Cambrian arc in Kyrgyz Tien Shan. <i>Geoscience Frontiers</i> , 2021, 12, 147-160.	4.3	13

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55	Traces of intra-oceanic arcs recorded in sandstones of eastern Kazakhstan: implications from U–Pb detrital zircon ages, geochemistry, and Nd–Hf isotopes. <i>International Journal of Earth Sciences</i> , 2022, 111, 2449-2468.	0.9	12
56	The Tekturmas ophiolite belt of central Kazakhstan: Geology, magmatism, and tectonics. <i>Geological Journal</i> , 2020, 55, 2363-2382.	0.6	11
57	Whole-rock geochemistry and U-Pb ages of Devonian bimodal-type rhyolites from the Rudny Altai, Russia: Petrogenesis and tectonic settings. <i>Gondwana Research</i> , 2020, 81, 312-338.	3.0	10
58	The Itmurundy Accretionary Complex, Northern Balkhash Area: Geological Structure, Stratigraphy and Tectonic Origin. <i>Russian Journal of Pacific Geology</i> , 2019, 13, 283-296.	0.1	9
59	Late Paleozoic–Early Mesozoic granitoids in the Khangay-Khentey basin, Central Mongolia: Implication for the tectonic evolution of the Mongol-Okhotsk Ocean margin. <i>Lithos</i> , 2021, 404-405, 106455.	0.6	9
60	Climatic stages recorded in sediments of the Gunang Cave, South Korea. <i>Quaternary International</i> , 2013, 313-314, 194-209.	0.7	8
61	Continental construction in Central Asia and actualistic comparisons with western Pacific: Preface. <i>Gondwana Research</i> , 2017, 47, 1-5.	3.0	8
62	Pacific-type orogenic belts: linking evolution of oceans, active margins and intra-plate magmatism. <i>Episodes</i> , 2018, 41, 79-88.	0.8	8
63	Petrogenesis of the island-arc complexes of the Chara zone, East Kazakhstan. <i>Petrology</i> , 2010, 18, 610-623.	0.2	7
64	INTRA-OCEANIC ARCS OF THE PALEO-ASIAN OCEAN. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 547-550.	0.3	7
65	Sandstones of the Itmurundy accretionary complex, central Kazakhstan, as archives of arc magmatism and subduction erosion: Evidence from U-Pb zircon ages, geochemistry and Hf-Nd isotopes. <i>Gondwana Research</i> , 2022, 111, 35-52.	3.0	7
66	U-Pb ages of detrital zircons from modern sediments of the Yangtze River and stages of orogeny in Southeast Asia. <i>Doklady Earth Sciences</i> , 2010, 431, 280-284.	0.2	6
67	Physico-chemical parameters of Neoproterozoic and Early Cambrian plume magmatism in the Paleo-Asian ocean (data on melt inclusions). <i>Russian Geology and Geophysics</i> , 2010, 51, 507-520.	0.3	6
68	Paleoproterozoic granitoids from the basement of the central Siberian Platform (Borehole) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 222 Td	0.2	5
69	Provenance of late Paleozoic sedimentary rocks in eastern Kazakhstan: Implications for the collision of the Siberian margin with the Kazakhstan collage. <i>Journal of Asian Earth Sciences</i> , 2022, 232, 104978.	1.0	5
70	Detrital zircon U-Pb-Hf isotopes and whole-rock geochemistry of Ediacaran - Silurian clastic sediments of the Uzbek Tianshan: sources and tectonic implications. <i>International Geology Review</i> , 2022, 64, 3005-3027.	1.1	5
71	Middle Paleozoic intermediate-mafic rocks of the Tsoroidog Uulâ€™ accretionary complex, Central Mongolia: Petrogenesis and tectonic implications. <i>Lithos</i> , 2020, 376-377, 105795.	0.6	4
72	Subduction Erosion at Pacific-Type Convergent Margins. <i>Russian Journal of Pacific Geology</i> , 2021, 15, 495-509.	0.1	4

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73	A story of Devonian ocean plate stratigraphy hosted by the Ulaanbaatar accretionary complex, northern Mongolia: implications from geological, structural and U–Pb detrital zircon data. <i>International Journal of Earth Sciences</i> , 2022, 111, 2469-2492.	0.9	3
74	International workshop on geodynamic evolution, tectonics and magmatism of the Central Asian orogenic belt and pre-workshop field excursion to Gorny Altay, Russia. <i>Episodes</i> , 2010, 33, 205-207.	0.8	2
75	IAGR 2018 Annual Convention and 15th International Symposium on “Gondwana to Asia”, Xi'an, China. <i>Gondwana Research</i> , 2019, 65, 178-181.	3.0	0
76	International Association for Gondwana Research 2020 Annual Convention and 17th International Symposium on Gondwana to Asia, Novosibirsk, Russia. <i>Gondwana Research</i> , 2020, 79, 308.	3.0	0
77	Continental Construction in Central Asia (IGCP-592): Scientific Results and Meetings in 2012. <i>Episodes</i> , 2013, 36, 227-234.	0.8	0
78	Continental Construction in Central Asia (IGCP#592): 2013 Meetings and Training Activities. <i>Episodes</i> , 2014, 37, 115-121.	0.8	0
79	Juvenile crust, mantle magmatism and metallogeny of the Central Asian Orogenic Belt: Progress Report of IGCP#592. <i>Episodes</i> , 2016, 39, 59-69.	0.8	0
80	First China-Russia International Meeting on the Central Asian Orogenic Belt and IGCP-592 Workshop. <i>Episodes</i> , 2016, 39, 526-528.	0.8	0
81	GEODYNAMICS OF THE KAZAKHSTAN OROCLINE, CENTRAL ASIA. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 505-506.	0.3	0