Kalin Kouzmanov

List of Publications by Year
in descending order

53	1,783	236925 25	276875 41
papers	citations	h-index	g-index

54	54	54	1382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why large porphyry Cu deposits like high Sr/Y magmas?. Scientific Reports, 2012, 2, 685.	3.3	147
2	Gold speciation and transport in geological fluids: insights from experiments and physical-chemical modelling. Geological Society Special Publication, 2014, 402, 9-70.	1.3	146
3	Sulfide Minerals in Hydrothermal Deposits. Elements, 2017, 13, 97-103.	0.5	97
4	Zoned Base Metal Mineralization in a Porphyry System: Origin and Evolution of Mineralizing Fluids in the Morococha District, Peru. Economic Geology, 2015, 110, 39-71.	3.8	93
5	Direct Analysis of Ore-Precipitating Fluids: Combined IR Microscopy and LA-ICP-MS Study of Fluid Inclusions in Opaque Ore Minerals. Economic Geology, 2010, 105, 351-373.	3.8	81
6	1: Subduction, slab detachment and mineralization: The Neogene in the Apuseni Mountains and Carpathians. Ore Geology Reviews, 2005, 27, 13-44.	2.7	64
7	Magmatic Fluids in the Breccia-Hosted Epithermal Au-Ag Deposit of Rosia Montana, Romania. Economic Geology, 2006, 101, 923-954.	3.8	63
8	Multiple fluids involved in granite-related W-Sn deposits from the world-class Jiangxi province (China). Chemical Geology, 2019, 508, 92-115.	3.3	62
9	Evidence for Residual Melt Extraction in the Takidani Pluton, Central Japan. Journal of Petrology, 2017, 58, 763-788.	2.8	59
10	Fluid evolution in zoned Cordilleran polymetallic veins â€" Insights from microthermometry and LA-ICP-MS of fluid inclusions. Chemical Geology, 2011, 281, 293-304.	3.3	55
11	Sulfide Replacement Processes Revealed by Textural and LA-ICP-MS Trace Element Analyses: Example from the Early Mineralization Stages at Cerro de Pasco, Peru. Economic Geology, 2016, 111, 1347-1367.	3.8	47
12	Hydrothermal Controls on Metal Distribution in Porphyry Cu (-Mo-Au) Systems. , 2012, , .		47
13	Tourmaline as a Tracer of Late-Magmatic to Hydrothermal Fluid Evolution: The World-Class San Rafael Tin (-Copper) Deposit, Peru. Economic Geology, 2020, 115, 1665-1697.	3.8	43
14	Morphology, origin and infrared microthermometry of fluid inclusions in pyrite from the Radka epithermal copper deposit, Srednogorie zone, Bulgaria. Mineralium Deposita, 2002, 37, 599-613.	4.1	41
15	INFRARED MICROTHERMOMETRY AND CHEMISTRY OF WOLFRAMITE FROM THE BAIA SPRIE EPITHERMAL DEPOSIT, ROMANIA. Economic Geology, 2002, 97, 415-423.	3.8	38
16	Heterogeneous melt and hypersaline liquid inclusions in shallow porphyry type mineralization as markers of the magmatic-hydrothermal transition (Cerro de Pasco district, Peru). Chemical Geology, 2016, 447, 93-116.	3.3	38
17	Cyclic Dilution of Magmatic Metal-Rich Hypersaline Fluids by Magmatic Low-Salinity Fluid: A Major Process Generating the Giant Epithermal Polymetallic Deposit of Cerro de Pasco, Peru. Economic Geology, 2018, 113, 825-856.	3.8	38
18	Porphyry and epithermal deposits in Greece: An overview, new discoveries, and mineralogical constraints on their genesis. Ore Geology Reviews, 2019, 107, 654-691.	2.7	38

#	Article	IF	Citations
19	COPPER-EXCESS STANNOIDITE AND TENNANTITE-TETRAHEDRITE AS PROXIES FOR HYDROTHERMAL FLUID EVOLUTION IN A ZONED CORDILLERAN BASE METAL DISTRICT, MOROCOCHA, CENTRAL PERU. Canadian Mineralogist, 2012, 50, 719-743.	1.0	37
20	Late Cretaceous porphyry Cu and epithermal Cuâ€“Au association in the Southern Panagyurishte District, Bulgaria: the paired Vlaykov Vruh and Elshitsa deposits. Mineralium Deposita, 2009, 44, 611-646.	4.1	36
21	Behavior of critical metals in metamorphosed Pb-Zn ore deposits: example from the Pyrenean Axial Zone. Mineralium Deposita, 2021, 56, 685-705.	4.1	35
22	Timing of porphyry (Cu-Mo) and base metal (Zn-Pb-Ag-Cu) mineralisation in a magmatic-hydrothermal systemâ€”Morococha district, Peru. Mineralium Deposita, 2015, 50, 895-922.	4.1	32
23	Trace element diffusion and incorporation in quartz during heating experiments. Contributions To Mineralogy and Petrology, 2017, 172, 1.	3.1	31
24	TEXTURE AND COMPOSITION OF Pb-BEARING PYRITE FROM THE COKA MARIN POLYMETALLIC DEPOSIT, SERBIA, CONTROLLED BY NANOSCALE INCLUSIONS. Canadian Mineralogist, 2012, 50, 1-20.	1.0	29
25	Experimental evidence for mineral-controlled release of radiogenic Nd, Hf and Pb isotopes from granitic rocks during progressive chemical weathering. Chemical Geology, 2019, 507, 64-84.	3.3	28
26	Mineralized breccia clasts: a window into hidden porphyry-type mineralization underlying the epithermal polymetallic deposit of Cerro de Pasco (Peru). Mineralium Deposita, 2018, 53, 919-946.	4.1	26
27	A refined genetic model for the Laisvall and Vassbo Mississippi Valley-type sandstone-hosted deposits, Sweden: constraints from paragenetic studies, organic geochemistry, and S, C, N, and Sr isotope data. Mineralium Deposita, 2016, 51, 639-664.	4.1	23
28	Fluid mixing as primary trigger for cassiterite deposition: Evidence from in situ Î´18O-Î´11B analysis of tourmaline from the world-class San Rafael tin (-copper) deposit, Peru. Earth and Planetary Science Letters, 2021, 563, 116889.	4.4	23
29	Tennantite-tetrahedrite series from the Madan Pb-Zn deposits, Central Rhodopes, Bulgaria. Mineralogy and Petrology, 2014, 108, 515-531.	1.1	22
30	Enargite-luzonite hydrothermal vents in Manus Back-Arc Basin: submarine analogues of high-sulfidation epithermal mineralization. Chemical Geology, 2016, 438, 36-57.	3.3	21
31	Incremental Growth of Mid- to Upper-Crustal Magma Bodies During Arabiaâ€“Eurasia Convergence and Collision: A Petrological Study of the Calc-Alkaline to Shoshonitic Meghriâ€“Ordubad Pluton (Southern Armenia and Nakhitchevan, Lesser Caucasus). Journal of Petrology, 2018, 59, 931-966.	2.8	21
32	Oxygen isotope heterogeneity of arc magma recorded in plagioclase from the 2010 Merapi eruption (Central Java, Indonesia). Geochimica Et Cosmochimica Acta, 2016, 190, 13-34.	3.9	20
33	A Middle Ordovician Age for the Laisvall Sandstone-Hosted Pb-Zn Deposit, Sweden: A Response to Early Caledonian Orogenic Activity. Economic Geology, 2015, 110, 1779-1801.	3.8	18
34	Distribution of indium, germanium, gallium and other minor and trace elements in polymetallic ores from a porphyry system: The Morococha district, Peru. Ore Geology Reviews, 2021, 136, 104236.	2.7	16
35	Fluid Inclusion Studies in Opaque Ore Minerals: II. A Comparative Study of Syngenetic Synthetic Fluid Inclusions Hosted in Quartz and Opaque Minerals. Economic Geology, 2018, 113, 1861-1883.	3.8	15
36	MANGANILVAITE, CaFe2+Fe3+(Mn, Fe2+)(Si2O7)O(OH), A NEW MINERAL OF THE ILVAITE GROUP FROM Pb Zn SKARN DEPOSITS IN THE RHODOPE MOUNTAINS, BULGARIA. Canadian Mineralogist, 2005, 43, 1027-1042.	1.0	14

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37	Fluid inclusions in sphalerite as negative crystals: a case study. European Journal of Mineralogy, 2002, 14, 607-620.	1.3	13
38	Nature and evolution of fluids associated with specularite-bearing Fe and Au-PGE (Jacutinga) mineralization during the Brasiliano orogeny in the eastern SÃ£o Francisco Craton, Minas Gerais, Brazil. Ore Geology Reviews, 2017, 86, 130-153.	2.7	13
39	Geology, mineralogy, and cassiterite geochronology of the Ayawilca Zn-Pb-Ag-In-Sn-Cu deposit, Pasco, Peru. Mineralium Deposita, 2022, 57, 481-507.	4.1	12
40	Fluid Inclusion Studies in Opaque Ore Minerals: I. Trace Element Content and Physical Properties of Ore Minerals Controlling Textural Features in Transmitted Near-Infrared Light Microscopy. Economic Geology, 2018, 113, 1845-1860.	3.8	11
41	Osmium isotopic constraints on sulphide formation in the epithermal environment of magmatic-hydrothermal mineral deposits. Chemical Geology, 2021, 564, 120053.	3.3	11
42	1-1: Porphyry Cuâ€“Au and epithermal Auâ€“Ag deposits in the southern Apuseni Mountains, Romania. Ore Geology Reviews, 2005, 27, 46-47.	2.7	10
43	Multiple rejuvenation episodes of a silicic magma reservoir at the origin of the large diatreme-dome complex and porphyry-type mineralization events at Cerro de Pasco (Peru). Lithos, 2020, 376-377, 105766.	1.4	10
44	Multistage development of a hydrothermal W deposit during the Variscan late-orogenic evolution: the Puy-les-Vignes breccia pipe (Massif Central, France). Bulletin - Societie Geologique De France, 2021, 192, 33.	2.2	10
45	Co-Ni-arsenide mineralisation in the Bou Azzer district (Anti-Atlas, Morocco): Genetic model and tectonic implications. Ore Geology Reviews, 2021, 134, 104128.	2.7	9
46	Tracking fluid mixing in epithermal deposits â€“ Insights from in-situ Î´18O and trace element composition of hydrothermal quartz from the giant Cerro de Pasco polymetallic deposit, Peru. Chemical Geology, 2021, 576, 120277.	3.3	8
47	Alluvial record of an early Eocene hyperthermal within the Castissent Formation, the Pyrenees, Spain. Climate of the Past, 2020, 16, 227-243.	3.4	7
48	1-2: Epithermal Pbâ€“Znâ€“Cu(â€“Au) deposits in the Baia Mare district, Eastern Carpathians, Romania. Ore Geology Reviews, 2005, 27, 48-49.	2.7	6
49	The upper Oligocene San Rafael intrusive complex (Eastern Cordillera, southeast Peru), host of the largest-known high-grade tin deposit. Lithos, 2021, 400-401, 106409.	1.4	6
50	Metasomatism and cyclic skarn growth along lithological contacts: Physical and geochemical evidence from a distal Pb Zn skarn. Lithos, 2021, 400-401, 106408.	1.4	5
51	Pathways for 39Ar loss during step-heating of alkali feldspar megacrysts from the Shap granite (UK): Combined evidence from diffusion experiments and characterisation of heating-induced texture modifications. Chemical Geology, 2020, 547, 119677.	3.3	4
52	Micro-crystalline inclusions analysis by PIXE and RBS. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2375-2378.	1.4	2
53	T-P-fO2 conditions of sulfide saturation in magmatic enclaves and their host lavas. Lithos, 2021, 398-399, 106313.	1.4	2