

# Dejan M Prelevic

## List of Publications by Year in descending order

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58  
papers

3,048  
citations

185998

28  
h-index

161609

54  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace elements and Sr <sup>87</sup> /Nd <sup>143</sup> /Pb isotopes of K-rich, shoshonitic, and calc-alkaline magmatism of the Western Mediterranean Region: Genesis of ultrapotassic to calc-alkaline magmatic associations in a post-collisional geodynamic setting. <i>Lithos</i> , 2009, 107, 68-92.	0.6	267
2	Minor and trace elements in olivines as probes into early igneous and mantle melting processes. <i>Earth and Planetary Science Letters</i> , 2013, 363, 181-191.	1.8	254
3	Ultrapotassic Mafic Rocks as Geochemical Proxies for Post-collisional Dynamics of Orogenic Lithospheric Mantle: the Case of Southwestern Anatolia, Turkey. <i>Journal of Petrology</i> , 2012, 53, 1019-1055.	1.1	236
4	Mediterranean Tertiary lamproites derived from multiple source components in postcollisional geodynamics. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2125-2156.	1.6	230
5	Tertiary Ultrapotassic Volcanism in Serbia: Constraints on Petrogenesis and Mantle Source Characteristics. <i>Journal of Petrology</i> , 2005, 46, 1443-1487.	1.1	145
6	Recycling plus: A new recipe for the formation of Alpine-Himalayan orogenic mantle lithosphere. <i>Earth and Planetary Science Letters</i> , 2013, 362, 187-197.	1.8	133
7	Accretion of arc-oceanic lithospheric mantle in the Mediterranean: Evidence from extremely high-Mg olivines and Cr-rich spinel inclusions in lamproites. <i>Earth and Planetary Science Letters</i> , 2007, 256, 120-135.	1.8	116
8	Origin and geodynamic significance of Tertiary postcollisional basaltic magmatism in Serbia (central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	112
9	Magmatic Response to Slab Tearing: Constraints from the Afyon Alkaline Volcanic Complex, Western Turkey. <i>Journal of Petrology</i> , 2015, 56, 527-562.	1.1	105
10	The olivine macrocryst problem: New insights from minor and trace element compositions of olivine from Lac de Gras kimberlites, Canada. <i>Lithos</i> , 2015, 220-223, 238-252.	0.6	104
11	Hf isotope compositions of Mediterranean lamproites: Mixing of melts from asthenosphere and crustally contaminated mantle lithosphere. <i>Lithos</i> , 2010, 119, 297-312.	0.6	83
12	Origin of Minette by Mixing of Lamproite and Dacite Magmas in Veliki Majdan, Serbia. <i>Journal of Petrology</i> , 2004, 45, 759-792.	1.1	79
13	Petrological characterization of the mantle source of Mediterranean lamproites: Indications from major and trace elements of phlogopite. <i>Chemical Geology</i> , 2013, 353, 267-279.	1.4	62
14	Petrogenesis of orogenic lamproites of the Bohemian Massif: Sr <sup>87</sup> /Nd <sup>143</sup> /Pb <sup>206</sup> /Li isotope constraints for Variscan enrichment of ultra-depleted mantle domains. <i>Gondwana Research</i> , 2016, 35, 198-216.	3.0	60
15	Lamproites as indicators of accretion and/or shallow subduction in the assembly of south-western Anatolia, Turkey. <i>Terra Nova</i> , 2010, 22, 443-452.	0.9	55
16	Carboniferous granites on the northern margin of Gondwana, Anatolide-Tauride Block, Turkey - Evidence for southward subduction of Paleotethys. <i>Tectonophysics</i> , 2016, 683, 349-366.	0.9	54
17	Melting and dynamic metasomatism of mixed harzburgite + glimmerite mantle source: Implications for the genesis of orogenic potassic magmas. <i>Chemical Geology</i> , 2017, 455, 182-191.	1.4	52
18	Potassium-rich magmatism from a phlogopite-free source. <i>Geology</i> , 2017, 45, 467-470.	2.0	50

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19	An experimental study of the role of partial melts of sediments versus mantle melts in the sources of potassic magmatism. <i>Journal of Asian Earth Sciences</i> , 2019, 177, 76-88.	1.0	46
20	Ultrapotassic Volcanism from the Waning Stage of the Neotethyan Subduction: a Key Study from the Izmir-Ankara-Erzincan Suture Belt, Central Northern Turkey. <i>Journal of Petrology</i> , 2016, 57, 561-593.	1.1	45
21	Melting phlogopite-rich MARID: Lamproites and the role of alkalis in olivine-liquid Ni-partitioning. <i>Chemical Geology</i> , 2018, 476, 429-440.	1.4	42
22	Early Triassic potassic volcanism in the Afyon Zone of the Anatolides/Turkey: implications for the rifting of the Neo-Tethys. <i>International Journal of Earth Sciences</i> , 2012, 101, 177-194.	0.9	40
23	Geochemistry, Sr-Nd-Pb isotopes and geochronology of amphibole- and mica-bearing lamprophyres in northwestern Iran: Implications for mantle wedge heterogeneity in a palaeo-subduction zone. <i>Lithos</i> , 2015, 216-217, 352-369.	0.6	38
24	Characteristics of the lithospheric mantle beneath East Serbia inferred from ultramafic xenoliths in Palaeogene basanites. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 335-357.	1.2	35
25	Melt evolution beneath a rifted craton edge: 40 Ar/ 39 Ar geochronology and Sr-Nd-Hf-Pb isotope systematics of primitive alkaline basalts and lamprophyres from the SW Baltic Shield. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 173, 1-36.	1.6	35
26	Chemo-probe into the mantle origin of the NW Anatolia Eocene to Miocene volcanic rocks: Implications for the role of, crustal accretion, subduction, slab roll-back and slab break-off processes in genesis of post-collisional magmatism. <i>Lithos</i> , 2017, 288-289, 55-71.	0.6	34
27	The Demir Kapija Ophiolite, Macedonia (FYROM): a Snapshot of Subduction Initiation within a Back-arc. <i>Journal of Petrology</i> , 2013, 54, 1427-1453.	1.1	31
28	The analcime problem and its impact on the geochemistry of ultrapotassic rocks from Serbia. <i>Mineralogical Magazine</i> , 2004, 68, 633-648.	0.6	29
29	Constraints on the sources of post-collisional K-rich magmatism: The roles of continental clastic sediments and terrigenous blueschists. <i>Chemical Geology</i> , 2017, 455, 192-207.	1.4	29
30	High-K volcanism in the Afyon region, western Turkey: from Si-oversaturated to Si-undersaturated volcanism. <i>International Journal of Earth Sciences</i> , 2013, 102, 435-453.	0.9	25
31	Variation of olivine composition in the volcanic rocks in the Songliao basin, NE China: lithosphere control on the origin of the K-rich intraplate mafic lavas. <i>Lithos</i> , 2016, 262, 153-168.	0.6	25
32	Temporal-spatial evolution of low-SiO <sub>2</sub> volcanism in the Pleistocene West Eifel volcanic field (West) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	24
33	Ca-rich carbonates associated with ultrabasic-ultramafic melts: Carbonatite or limestone xenoliths? A case study from the late Miocene Morron de Villamayor volcano (Calatrava Volcanic Field, central) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	24
34	U-Pb zircon geochronology of the Paleogene - Neogene volcanism in the NW Anatolia: Its implications for the Late Mesozoic-Cenozoic geodynamic evolution of the Aegean. <i>Tectonophysics</i> , 2017, 717, 284-301.	0.9	24
35	Relationship of Mediterranean type lamproites to large shoshonite volcanoes, Miocene of Lesbos, NE Aegean Sea. <i>Lithos</i> , 2014, 184-187, 281-299.	0.6	23
36	Two-Stage Origin of K-Enrichment in Ultrapotassic Magmatism Simulated by Melting of Experimentally Metasomatized Mantle. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 41.	0.8	23

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37	Geochemistry and origin of ultramafic enclaves and their basanitic host rock from Kula Volcano, Turkey. <i>Lithos</i> , 2013, 180-181, 58-73.	0.6	22
38	Geodynamic significance of ultramafic xenoliths from Eastern Serbia: Relics of sub-arc oceanic mantle?. <i>Journal of Geodynamics</i> , 2007, 43, 504-527.	0.7	19
39	Modification of the subcontinental mantle beneath East Serbia: Evidence from orthopyroxene-rich xenoliths. <i>Lithos</i> , 2007, 94, 90-110.	0.6	19
40	The Late Cretaceous Klepa basalts in Macedonia (<sc>FYROM</sc>)â€”Constraints on the final stage of Tethys closure in the Balkans. <i>Terra Nova</i> , 2017, 29, 145-153.	0.9	17
41	Leucitites within and around the Mediterranean area. <i>Lithos</i> , 2019, 324-325, 216-233.	0.6	17
42	Geology of South-Eastern Europe. <i>Environmental Earth Sciences</i> , 2016, , 1-29.	0.1	16
43	Os-isotope constraints on the dynamics of orogenic mantle: The case of the Central Balkans. <i>Gondwana Research</i> , 2015, 27, 1560-1573.	3.0	15
44	An anorogenic pulse in a typical orogenic setting: The geochemical and geochronological record in the East Serbian latest Cretaceous to Palaeocene alkaline rocks. <i>Lithos</i> , 2013, 180-181, 181-199.	0.6	14
45	A review of petrogenesis of Mediterranean Tertiary lamproites: A perspective from the Serbian ultrapotassic province. , 2007, , .		13
46	Petrogenesis of Mediterranean lamproites and associated rocks: The role of overprinted metasomatic events in the post-collisional lithospheric upper mantle. <i>Geological Society Special Publication</i> , 2022, 513, 271-296.	0.8	13
47	Sediment-Peridotite Reaction Controls Fore-Arc Metasomatism and Arc Magma Geochemical Signatures. <i>Geosciences (Switzerland)</i> , 2021, 11, 372.	1.0	12
48	Geochemical characteristics of lawsonite blueschists in tectonic mÃ©lange from the TavÅŸanlÄ± Zone, Turkey: Potential constraints on the origin of Mediterranean potassium-rich magmatism. <i>American Mineralogist</i> , 2019, 104, 724-743.	0.9	11
49	Mafic alkaline metasomatism in the lithosphere underneath East Serbia: evidence from the study of xenoliths and the host alkali basalts. <i>Geological Society Special Publication</i> , 2010, 337, 213-239.	0.8	9
50	<sup>40</sup> Ar- <sup>39</sup> Ar ages and petrogenesis of middle Eocene post-collisional volcanic rocks along the Izmir-Ankara-Erzincan suture zone, NE Turkey. <i>Journal of Asian Earth Sciences</i> , 2019, 173, 121-142.	1.0	8
51	Cretaceous tectonic evolution of the Sava-Klepa Massif, Republic of North Macedonia â€” Results from calcite twin based automated paleostress analysis. <i>Tectonophysics</i> , 2019, 758, 44-54.	0.9	7
52	Cretaceous ultrapotassic magmatism from the Sava-Vardar Zone of the Balkans. <i>Lithos</i> , 2020, 354-355, 105268.	0.6	7
53	Quartz from Allchar as monitor for cosmogenic <sup>26</sup> Al: Geochemical and petrogenetic constraints. <i>Mineralogy and Petrology</i> , 2006, 88, 527-550.	0.4	6
54	Genesis and metallogenetic setting of the polymetallic barite-sulphide deposit, Bobija, Western Serbia. <i>International Journal of Earth Sciences</i> , 2019, 108, 1725-1740.	0.9	6

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55	The origin of lead and sulphur in Tulare ore field, Lece magmatic complex, SE Serbia. <i>Geoloski Anali Balkanskoga Poluostrva</i> , 2018, 79, 19-28.	0.1	4
56	Facies analyses, biostratigraphy and radiometric dating of the Lower-Middle Miocene succession near Zajecar (Dacian basin, eastern Serbia). <i>Geoloski Anali Balkanskoga Poluostrva</i> , 2019, 80, 13-37.	0.1	2
57	Petrogenesis of Potassic Basalts from Northeast China: New Constraints from Trace Elements in Olivine. <i>Acta Geologica Sinica</i> , 2015, 89, 1418-1419.	0.8	1
58	The Role of Syn-Extensional Lamprophyre Magmatism in Crustal Dynamics – the Case of the Menderes Metamorphic Core Complex, Western Turkey. <i>Journal of Petrology</i> , 2022, 63, .	1.1	1