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### Research Areas

Geological Engineering, Mineralogy-petrography, Engineering and Technology

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Long Wavelength Progressive Plateau Uplift in Eastern Anatolia Since 20 Ma: Implications for the Role of Slab Peel-Back and Break-Off**  
Memiş C., Göğüş O. H. , Şengül Uluocak E., Pysklywec R., Keskin M., Şengör A. M. C. , Topuz G.  
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- II. **Petrology and Geochemistry of the Quaternary Mafic Volcanism to the NE of Lake Van, Eastern Anatolian Collision Zone, Turkey**  
Oyan V., Keskin M., Lebedev V. A. , Chugaev A. V. , Sharkov E. V. , Ünal E.  
JOURNAL OF PETROLOGY, vol.58, no.9, pp.1701-1728, 2017 (Journal Indexed in SCI)
- III. **Magmatic evolution of the Early Pliocene Etrusk stratovolcano, Eastern Anatolian Collision Zone, Turkey**  
Oyan V., Keskin M., Lebedev V. A. , Chugaev A. V. , Sharkov E. V.  
LITHOS, vol.256, pp.88-108, 2016 (Journal Indexed in SCI)
- IV. **Late Pleistocene Tendurek Volcano (Eastern Anatolia, Turkey). II. Geochemistry and petrogenesis of the rocks**  
Lebedev V. A. , Chugaev A. V. , Ünal E., Sharkov E. V. , Keskin M.  
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- V. **Late Pleistocene Tendurek Volcano (Eastern Anatolia, Turkey): I. Geochronology and petrographic characteristics of igneous rocks**  
Lebedev V. A. , Sharkov E. V. , Ünal E., Keskin M.  
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- VI. **Neotectonic deformation in the Eurasia-Arabia collision zone, the East Anatolian Plateau, E Turkey: evidence from palaeomagnetic study of Neogene-Quaternary volcanic rocks**  
Hisarli Z. M. , Cinku M. C. , Ustaomer T., Keskin M., Orbay N.  
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- VII. **Low-pressure-high-temperature metamorphism during extension in a Jurassic magmatic arc, Central Pontides, Turkey**  
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JOURNAL OF METAMORPHIC GEOLOGY, vol.32, no.1, pp.49-69, 2014 (Journal Indexed in SCI)
- VIII. **Mantle convection in the Middle East: Reconciling Afar upwelling, Arabia indentation and Aegean trench rollback**  
Faccenna C., Becker T. W. , Jolivet L., Keskin M.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.375, pp.254-269, 2013 (Journal Indexed in SCI)

- IX. **AFC-Modeler: a Microsoft (R) Excel (c) workbook program for modelling assimilation combined with fractional crystallization (AFC) process in magmatic systems by using equations of DePaolo (1981)**  
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TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.2, pp.304-319, 2013 (Journal Indexed in SCI)
- X. **The geochronology and origin of mantle sources for late cenozoic intraplate volcanism in the frontal part of the Arabian plate in the Karacadag neovolcanic area of Turkey. Part 1. The results of isotope-geochronological studies**  
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JOURNAL OF VOLCANOLOGY AND SEISMOLOGY, vol.6, no.6, pp.352-360, 2012 (Journal Indexed in SCI)
- XI. **The geochronology and origin of mantle sources for late cenozoic intraplate volcanism in the frontal part of the Arabian plate in the Karacadag neovolcanic area of Turkey. Part 2. The results of geochemical and isotope (Sr-Nd-Pb) studies**  
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- XII. **Origin and evolution of the Havran Unit, Western Sakarya basement (NW Turkey): new LA-ICP-MS U-Pb dating of the metasedimentary-metagranitic rocks and possible affiliation to Avalonian microcontinent**  
Aysal N., Ongen S., Peytcheva I., Keskin M.  
GEODINAMICA ACTA, vol.25, pp.226-247, 2012 (Journal Indexed in SCI)
- XIII. **Heterogeneous mantle sources feeding the volcanic activity of Mt. Karacadag (SE Turkey)**  
Lustrino M., Keskin M., Mattioli M., Kavak O.  
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- XIV. **Origin of the Early-Middle Devonian magmatism in the Sakarya Zone, NW Turkey: Geochronology, geochemistry and isotope systematics**  
Aysal N., Ustaomer T., Ongen S., Keskin M., KÖKSAL S., Peytcheva I., Fanning M.  
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- XV. **Geochronology of Late Cenozoic volcanism in the area of Van Lake, Turkey: An example of development dynamics for magmatic processes**  
Lebedev V. A. , Sharkov E. V. , Keskin M., Oyan V.  
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- XVI. **Early activity of the largest Cenozoic shield volcano in the circum-Mediterranean area: Mt. Karacadag, SE Turkey**  
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- XVII. **Eastern Turkish high plateau as a small Turkic-type orogen: Implications for post-collisional crust-forming processes in Turkic-type orogens**  
Sengoer A. M. C. , OEZEREN M. S. , KESKIN M., SAKINC M., OEZBAKIR A. D. , Kayan I.  
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- XVIII. **Eastern Anatolia: A hotspot in a collision zone without a mantle plume**  
Keskin M.  
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- XIX. **Magma generation by slab steepening and breakoff beneath a subduction-accretion complex: An alternative model for collision-related volcanism in Eastern Anatolia, Turkey**  
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- XX. **FC-modeler: a Microsoft (R) Excel (c) spreadsheet program for modeling Rayleigh fractionation vectors in closed magmatic systems**  
Keskin M.  
COMPUTERS & GEOSCIENCES, vol.28, no.8, pp.919-928, 2002 (Journal Indexed in SCI)
- XXI. **Volcano-stratigraphy and geochemistry of collision-related volcanism on the Erzurum-Kars Plateau,**

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**Citations**

Total Citations (WOS):1432

h-index (WOS):15