

## Prof. Mehmet Keskin

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: D-9702-2012

Yoksis Researcher ID: 111935

### Research Areas

Geological Engineering, Mineralogy-petrography, Engineering and Technology

### Published journal articles indexed by SCI, SSCI, and AHCI

- 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.  
Geochemistry Geophysics Geosystems, vol.21, pp.1-24, 2020 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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.  
PETROLOGY, vol.24, no.3, pp.234-270, 2016 (SCI-Expanded)
- 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.  
PETROLOGY, vol.24, no.2, pp.127-152, 2016 (SCI-Expanded)
- VI. **Neotectonic deformation in the Eurasia-Arabia collision zone, the East Anatolian Plateau, E Turkey: evidence from palaeomagnetic study of Neogene-Quaternary volcanic rocks**  
Hisarlı Z. M., Cinku M. C., Ustaomer T., Keskin M., Orbay N.  
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, no.1, pp.139-165, 2016 (SCI-Expanded)
- VII. **Low-pressure-high-temperature metamorphism during extension in a Jurassic magmatic arc, Central Pontides, Turkey**  
Okay A., Sunal G., TUYSUZ O., SHERLOCK S., KESKIN M., KYLANDER-CLARK A. R. C.

- JOURNAL OF METAMORPHIC GEOLOGY, vol.32, no.1, pp.49-69, 2014 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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)**  
Keskin M.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.2, pp.304-319, 2013 (SCI-Expanded)
- 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**  
Keskin M., Chugaev A. V., Lebedev V. A., Sharkov E. V., Oyan V., Kavak O.  
JOURNAL OF VOLCANOLOGY AND SEISMOLOGY, vol.6, no.6, pp.352-360, 2012 (SCI-Expanded)
- 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**  
Keskin M., Chugaev A. V., Lebedev V. A., Sharkov E. V., Oyan V., Kavak O.  
JOURNAL OF VOLCANOLOGY AND SEISMOLOGY, vol.6, no.6, pp.361-382, 2012 (SCI-Expanded)
- 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 (SCI-Expanded)
- XIII. **Heterogeneous mantle sources feeding the volcanic activity of Mt. Karacadag (SE Turkey)**  
Lustrino M., Keskin M., Mattioli M., Kavak O.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.46, pp.120-139, 2012 (SCI-Expanded)
- 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.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.45, pp.201-222, 2012 (SCI-Expanded)
- 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.  
DOKLADY EARTH SCIENCES, vol.433, no.2, pp.1031-1037, 2010 (SCI-Expanded)
- XVI. **Early activity of the largest Cenozoic shield volcano in the circum-Mediterranean area: Mt. Karacadag, SE Turkey**  
Lustrino M., Keskin M., Mattioli M., Lebedev V. A., Chugaev A., Sharkov E., Kavak O.  
EUROPEAN JOURNAL OF MINERALOGY, vol.22, no.3, pp.343-362, 2010 (SCI-Expanded)
- 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.  
EARTH-SCIENCE REVIEWS, vol.90, pp.1-48, 2008 (SCI-Expanded)
- XVIII. **Eastern Anatolia: A hotspot in a collision zone without a mantle plume**  
Keskin M.  
PLATES, PLUMES AND PLANETARY PROCESSES, vol.430, pp.693-722, 2007 (SCI-Expanded)
- XIX. **Magma generation by slab steepening and breakoff beneath a subduction-accretion complex: An alternative model for collision-related volcanism in Eastern Anatolia, Turkey**  
Keskin M.  
GEOPHYSICAL RESEARCH LETTERS, vol.30, no.24, pp.1-4, 2003 (SCI-Expanded)

**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 (SCI-Expanded)

**XXI. Volcano-stratigraphy and geochemistry of collision-related volcanism on the Erzurum-Kars Plateau, northeastern Turkey**

Keskin M., Pearce J., Mitchell J.

JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH, vol.85, pp.355-402, 1998 (SCI-Expanded)

## **Metrics**

Publication: 60

Citation (WoS): 1454

Citation (Scopus): 1487

H-Index (WoS): 16

H-Index (Scopus): 16

## **Non Academic Experience**

Teknik Astsubay Hazırlama Okulu (Balıkesir)

University of Durham, Department of Geological Sciences, Durham, UK