

# Sergey Merkuryev

## List of Publications by Year in descending order

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26  
papers

943  
citations

643344

15  
h-index

651938

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasive Populations of the Emerald Ash Borer <i>Agrilus planipennis</i> Fairmaire, 1888 (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Qyverlock 10	1.0	10
2	High resolution reconstructions of the Southwest Indian Ridge, 52 Ma to present: implications for the breakup and absolute motion of the Africa plate. <i>Geophysical Journal International</i> , 2021, 226, 1461-1497.	1.0	12
3	High-resolution reconstructions and GPS estimates of Indiaâ€“Eurasia and Indiaâ€“Somalia plate motions: 20 Ma to the present. <i>Geophysical Journal International</i> , 2020, 220, 1149-1171.	1.0	22
4	High-resolution reconstructions of South America plate motion relative to Africa, Antarctica and North America: 34â€“Ma to present. <i>Geophysical Journal International</i> , 2019, 217, 1821-1853.	1.0	16
5	Contrasted hydrothermal activity along the <sc>S</sc>outhâ€“<sc>E</sc>ast <sc>I</sc>ndian <sc>R</sc>idge (130Â°Eâ€“140Â°E): From crustal to ultramafic circulation. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2446-2458.	1.0	9
6	Reconciling geodetic and geological estimates of recent plate motion across the Southwest Indian Ridge. <i>Geophysical Journal International</i> , 2017, 208, 118-133.	1.0	15
7	High-resolution reconstructions of Pacificâ€“North America plate motion: 20 Ma to present. <i>Geophysical Journal International</i> , 2016, 207, 741-773.	1.0	60
8	High-resolution estimates of Nubiaâ€“Somalia plate motion since 20 Ma from reconstructions of the Southwest Indian Ridge, Red Sea and Gulf of Aden. <i>Geophysical Journal International</i> , 2016, 207, 317-332.	1.0	46
9	Multibeam investigation of the active North Atlantic plate boundary reorganization tip. <i>Earth and Planetary Science Letters</i> , 2016, 435, 115-123.	1.8	17
10	High-resolution estimates of Southwest Indian Ridge plate motions, 20 Ma to present. <i>Geophysical Journal International</i> , 2015, 203, 1495-1527.	1.0	29
11	High-resolution Neogene and Quaternary estimates of Nubia-Eurasia-North America Plate motion. <i>Geophysical Journal International</i> , 2015, 203, 416-427.	1.0	74
12	High-resolution estimates of Nubiaâ€“North America plate motion: 20â€“Ma to present. <i>Geophysical Journal International</i> , 2014, 196, 1281-1298.	1.0	23
13	Community infrastructure and repository for marine magnetic identifications. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1629-1641.	1.0	97
14	Interpretation of marine magnetic anomalies. Part II. Analysis of the new method and algorithm based on the least squares method. <i>Geomagnetism and Aeronomy</i> , 2014, 54, 530-536.	0.2	2
15	High-resolution Neogene reconstructions of Eurasia-North America Plate motion. <i>Geophysical Journal International</i> , 2014, 198, 366-384.	1.0	30
16	Interpretation of marine magnetic anomalies. Part I. A survey of existing methods and analysis of the analytic signal method. <i>Geomagnetism and Aeronomy</i> , 2014, 54, 388-396.	0.2	4
17	Resolvability of the interval between inversions using marine magnetic anomalies based on the Rao-Cramer inequality. <i>Geomagnetism and Aeronomy</i> , 2013, 53, 785-793.	0.2	2
18	Reconciling plate kinematic and seismic estimates of lithospheric convergence in the central Indian Ocean. <i>Geology</i> , 2010, 38, 307-310.	2.0	33

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19	Arabia-Somalia plate kinematics, evolution of the Aden-Owen-Carlsberg triple junction, and opening of the Gulf of Aden. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	101
20	Geodynamic evolution of crust accretion at the axis of the Reykjanes Ridge, Atlantic Ocean. <i>Geotectonics</i> , 2009, 43, 194-207.	0.2	11
21	A high-resolution model for Eurasia-North America plate kinematics since 20 Ma. <i>Geophysical Journal International</i> , 2008, 173, 1064-1083.	1.0	54
22	Constraints on Indian plate motion since 20 Ma from dense Russian magnetic data: Implications for Indian plate dynamics. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	59
23	Formation of the Eurasia Basin in the Arctic Ocean as inferred from geohistorical analysis of the anomalous magnetic field. <i>Geotectonics</i> , 2006, 40, 263-281.	0.2	100
24	Evolution of the southern part of the Canada Basin (Arctic Ocean) based on magnetometric data. <i>Doklady Earth Sciences</i> , 2006, 407, 308-311.	0.2	9
25	From rifting to spreading in the eastern Gulf of Aden: a geophysical survey of a young oceanic basin from margin to margin. <i>Terra Nova</i> , 2004, 16, 185-192.	0.9	96
26	Detailed reconstructions of India-Somalia plate motion, 60 Ma to present: Implications for Somalia plate absolute motion and India-Eurasia plate motion. <i>Geophysical Journal International</i> , 0, , .	1.0	13