

# Rebecca Farrington

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3638081/publications.pdf>

Version: 2024-02-01

14  
papers

452  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

464  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | On the destructive tendencies of cratons. <i>Geology</i> , 2021, 49, 195-200.  | 4.4  | 7         |
| 2  | The Fingerprints of Flexure in Slab Seismicity. <i>Tectonics</i> , 2020, 39, e2019TC005894.  | 2.8  | 21        |
| 3  | Underworld2: Python Geodynamics Modelling for Desktop, HPC and Cloud. <i>Journal of Open Source Software</i> , 2020, 5, 1797.  | 4.6  | 21        |
| 4  | The Bight Basin, evolution and prospectivity II; seismic, structure and balanced sections. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-5.   | 0.1  | 0         |
| 5  | The Bight Basin, Evolution & Prospectivity I: gravity, deep seismic & basin morphology. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-4.  | 0.1  | 1         |
| 6  | The Bight Basin, Evolution & Prospectivity III; FE modelling. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-4.  | 0.1  | 0         |
| 7  | UWGeodynamics: A teaching and research tool for numerical geodynamic modelling. <i>Journal of Open Source Software</i> , 2019, 4, 1136.  | 4.6  | 24        |
| 8  | The Structural Evolution of the North West Shelf: a Thermomechanical Modeling Approach Using Stratified Lithospheric Rheologies and Surface Processes. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-5. | 0.1  | 1         |
| 9  | The role of long-term rifting history on modes of continental lithosphere extension. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8917-8940.   | 3.4  | 8         |
| 10 | The role of viscoelasticity in subducting plates. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4291-4304.   | 2.5  | 57        |
| 11 | Cenozoic Tectonics of Western North America Controlled by Evolving Width of Farallon Slab. <i>Science</i> , 2010, 329, 316-319.  | 12.6 | 81        |
| 12 | A regime diagram for subduction styles from 3-D numerical models of free subduction. <i>Tectonophysics</i> , 2010, 483, 29-45.   | 2.2  | 149       |
| 13 | Interactions of 3D mantle flow and continental lithosphere near passive margins. <i>Tectonophysics</i> , 2010, 483, 20-28.   | 2.2  | 39        |
| 14 | A model comparison study of large-scale mantle-lithosphere dynamics driven by subduction. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 171, 224-234.                                      | 1.9  | 43        |