

# Marie-Laure Pons

## List of Publications by Year in descending order

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13  
papers

779  
citations

687363

13  
h-index

1125743

13  
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14  
all docs

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docs citations

14  
times ranked

862  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The origin of Zn isotope fractionation in sulfides. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7632-7643.  | 3.9  | 131       |
| 2  | Isotopic fractionation and transport mechanisms of Zn in plants. <i>Chemical Geology</i> , 2009, 267, 125-130.   | 3.3  | 124       |
| 3  | Early Archean serpentine mud volcanoes at Isua, Greenland, as a niche for early life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17639-17643.                 | 7.1  | 90        |
| 4  | The Fe and Zn isotope composition of deep mantle source regions: Insights from Baffin Island picrites. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 542-562.  | 3.9  | 81        |
| 5  | Iron, copper and zinc isotopic fractionation up mammal trophic chains. <i>Earth and Planetary Science Letters</i> , 2013, 374, 164-172.  | 4.4  | 76        |
| 6  | Zinc isotope evidence for sulfate-rich fluid transfer across subduction zones. <i>Nature Communications</i> , 2016, 7, 13794.  | 12.8 | 74        |
| 7  | The behavior of iron and zinc stable isotopes accompanying the subduction of mafic oceanic crust: A case study from western Alpine ophiolites. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2562-2579.      | 2.5  | 68        |
| 8  | Potential of non-traditional isotope studies for bioarchaeology. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1389-1404.  | 1.8  | 48        |
| 9  | Tracing intensive fish and meat consumption using Zn isotope ratios: evidence from a historical Breton population (Rennes, France). <i>Scientific Reports</i> , 2018, 8, 5077.   | 3.3  | 23        |
| 10 | Dynamic homeostasis modeling of Zn isotope ratios in the human body. <i>Metallomics</i> , 2019, 11, 1049-1059.   | 2.4  | 22        |
| 11 | Iron and zinc stable isotope evidence for open-system high-pressure dehydration of antigorite serpentinite in subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 296, 210-225.                           | 3.9  | 15        |
| 12 | Precise measurement of selenium isotopes by HG-MC-ICPMS using a $^{76}\text{Se}/^{78}\text{Se}$ double-spike. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 320-330.                                    | 3.0  | 14        |
| 13 | X-ray absorption spectroscopy evidence of sulfur-bound cadmium in the Cd-hyperaccumulator <i>Solanum nigrum</i> and the non-accumulator <i>Solanum melongena</i> . <i>Environmental Pollution</i> , 2021, 279, 116897. | 7.5  | 13        |