

# Jessica M Walker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1061920/publications.pdf>

Version: 2024-02-01

9  
papers

235  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

361  
citing authors

| # | ARTICLE                                                                                                                                                                                            | IF   | CITATIONS |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Micron-sized biogenic and synthetic hollow mineral spheres occlude additives within single crystals. <i>Faraday Discussions</i> , 2022, 235, 536-550.                                              | 3.2  | 4         |
| 2 | Coccolith crystals: Pure calcite or organic-mineral composite structures?. <i>Acta Biomaterialia</i> , 2021, 125, 83-89.                                                                           | 8.3  | 9         |
| 3 | Morphological development of <i>Pleurochrysis carterae</i> coccoliths examined by cryo-electron tomography. <i>Journal of Structural Biology</i> , 2020, 210, 107476.                              | 2.8  | 15        |
| 4 | Three-dimensional architecture and surface functionality of coccolith base plates. <i>Journal of Structural Biology</i> , 2019, 208, 127-136.                                                      | 2.8  | 15        |
| 5 | Polymorph Selectivity of Coccolith-Associated Polysaccharides from <i>Gephyrocapsa Oceanica</i> on Calcium Carbonate Formation In Vitro. <i>Advanced Functional Materials</i> , 2019, 29, 1807168. | 14.9 | 21        |
| 6 | Formation of Fluorohydroxyapatite with Silver Diamine Fluoride. <i>Journal of Dental Research</i> , 2017, 96, 1122-1128.                                                                           | 5.2  | 89        |
| 7 | Solid-State Transformation of Amorphous Calcium Carbonate to Aragonite Captured by CryoTEM. <i>Angewandte Chemie</i> , 2017, 129, 11902-11905.                                                     | 2.0  | 7         |
| 8 | Solid-State Transformation of Amorphous Calcium Carbonate to Aragonite Captured by CryoTEM. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11740-11743.                              | 13.8 | 66        |
| 9 | Alternative Hydrogen Peroxide Sources for Peroxyoxalate "Glowstick" Chemiluminescence Demonstrations. <i>Journal of Chemical Education</i> , 2017, 94, 112-114.                                    | 2.3  | 9         |