

# Ariana Peck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5238942/publications.pdf>

Version: 2024-02-01

17  
papers

1,446  
citations

687220

13  
h-index

996849

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3077  
citing authors

| #  | ARTICLE                                                                                                                                                                                            | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Mechanism of MEK inhibition determines efficacy in mutant KRAS- versus BRAF-driven cancers. <i>Nature</i> , 2013, 501, 232-236.                                                                    | 13.7 | 270       |
| 2  | X-ray screening identifies active site and allosteric inhibitors of SARS-CoV-2 main protease. <i>Science</i> , 2021, 372, 642-646.                                                                 | 6.0  | 240       |
| 3  | Precarious Balance: Th17 Cells in Host Defense. <i>Infection and Immunity</i> , 2010, 78, 32-38.                                                                                                   | 1.0  | 184       |
| 4  | Structure of the BRAF-MEK Complex Reveals a Kinase Activity Independent Role for BRAF in MAPK Signaling. <i>Cancer Cell</i> , 2014, 26, 402-413.                                                   | 7.7  | 173       |
| 5  | Plasticity of T cell phenotype and function: the T helper type 17 example. <i>Immunology</i> , 2010, 129, 147-153.                                                                                 | 2.0  | 148       |
| 6  | Breaking old paradigms: Th17 cells in autoimmune arthritis. <i>Clinical Immunology</i> , 2009, 132, 295-304.                                                                                       | 1.4  | 71        |
| 7  | Distribution of circulating cells in systemic juvenile idiopathic arthritis across disease activity states. <i>Clinical Immunology</i> , 2010, 134, 206-216.                                       | 1.4  | 66        |
| 8  | Engineering a Single-Agent Cytokine/Antibody Fusion That Selectively Expands Regulatory T Cells for Autoimmune Disease Therapy. <i>Journal of Immunology</i> , 2018, 201, 2094-2106.               | 0.4  | 58        |
| 9  | Extensive site-directed mutagenesis reveals interconnected functional units in the alkaline phosphatase active site. <i>ELife</i> , 2015, 4, .                                                     | 2.8  | 57        |
| 10 | Alternative activation in systemic juvenile idiopathic arthritis monocytes. <i>Clinical Immunology</i> , 2012, 142, 362-372.                                                                       | 1.4  | 56        |
| 11 | Conformational heterogeneity of the calmodulin binding interface. <i>Nature Communications</i> , 2016, 7, 10910.                                                                                   | 5.8  | 49        |
| 12 | Intermolecular correlations are necessary to explain diffuse scattering from protein crystals. <i>IUCr</i> , 2018, 5, 211-222.                                                                     | 1.0  | 24        |
| 13 | Tungstate as a Transition State Analog for Catalysis by Alkaline Phosphatase. <i>Journal of Molecular Biology</i> , 2016, 428, 2758-2768.                                                          | 2.0  | 22        |
| 14 | Montage electron tomography of vitrified specimens. <i>Journal of Structural Biology</i> , 2022, 214, 107860.                                                                                      | 1.3  | 20        |
| 15 | Montage cryo-electron tomography: imaging a large field-of-view without sacrificing resolution. <i>Microscopy and Microanalysis</i> , 2021, 27, 2566-2568.                                         | 0.2  | 1         |
| 16 | Challenges in solving structures from radiation-damaged tomograms of protein nanocrystals assessed by simulation. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 572-586. | 1.1  | 0         |
| 17 | A BRAF-MEK complex reveals the molecular basis of oncogenic mutations. <i>FASEB Journal</i> , 2013, 27, 1031.11.                                                                                   | 0.2  | 0         |