

# Ava P Soleimany

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6511768/publications.pdf>

Version: 2024-02-01

15  
papers

1,040  
citations

1039880

9  
h-index

1058333

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal clearable catalytic gold nanoclusters for in vivo disease monitoring. <i>Nature Nanotechnology</i> , 2019, 14, 883-890.	15.6	333
2	Synthetic recombinase-based state machines in living cells. <i>Science</i> , 2016, 353, aad8559.	6.0	196
3	Synthetic and living micropropellers for convection-enhanced nanoparticle transport. <i>Science Advances</i> , 2019, 5, eaav4803.	4.7	109
4	Uncovering and Mitigating Algorithmic Bias through Learned Latent Structure. , 2019, , .		101
5	Evidential Deep Learning for Guided Molecular Property Prediction and Discovery. <i>ACS Central Science</i> , 2021, 7, 1356-1367.	5.3	73
6	Urinary detection of lung cancer in mice via noninvasive pulmonary protease profiling. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	58
7	Activity-Based Diagnostics: An Emerging Paradigm for Disease Detection and Monitoring. <i>Trends in Molecular Medicine</i> , 2020, 26, 450-468.	3.5	51
8	Pharmacokinetic tuning of proteinâ€“antigen fusions enhances the immunogenicity of T-cell vaccines. <i>Nature Biomedical Engineering</i> , 2020, 4, 636-648.	11.6	44
9	Genetic Encoding of Targeted Magnetic Resonance Imaging Contrast Agents for Tumor Imaging. <i>ACS Synthetic Biology</i> , 2020, 9, 392-401.	1.9	19
10	Activatable Zymography Probes Enable <i>In Situ</i> Localization of Protease Dysregulation in Cancer. <i>Cancer Research</i> , 2021, 81, 213-224.	0.4	15
11	Ionic Liquidâ€“Mediated Transdermal Delivery of Thrombosisâ€“Detecting Nanosensors. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102685.	3.9	9
12	Host protease activity classifies pneumonia etiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
13	Synthetic Circuit-Driven Expression of Heterologous Enzymes for Disease Detection. <i>ACS Synthetic Biology</i> , 2021, 10, 2231-2242.	1.9	5
14	Protease activity sensors enable real-time treatment response monitoring in lymphangi leiomyomatosis. <i>European Respiratory Journal</i> , 2022, 59, 2100664.	3.1	5
15	Protease Activity Analysis: A Toolkit for Analyzing Enzyme Activity Data. <i>ACS Omega</i> , 2022, 7, 24292-24301.	1.6	3