

Arthur V Hauenstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1979031/publications.pdf>

Version: 2024-02-01

10
papers

1,184
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1761
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. <i>Nature</i> , 2019, 570, 338-343.	27.8	467
2	HDAC6 mediates an aggresome-like mechanism for NLRP3 and pyrin inflammasome activation. <i>Science</i> , 2020, 369, .	12.6	218
3	The NLRP3 inflammasome: Mechanism of action, role in disease and therapies. <i>Molecular Aspects of Medicine</i> , 2020, 76, 100889.	6.4	195
4	A Structural Basis for I κ B Kinase 2 Activation Via Oligomerization-Dependent Trans Auto-Phosphorylation. <i>PLoS Biology</i> , 2013, 11, e1001581.	5.6	93
5	The hierarchical structural architecture of inflammasomes, supramolecular inflammatory machines. <i>Current Opinion in Structural Biology</i> , 2015, 31, 75-83.	5.7	58
6	K63-linked polyubiquitin chains bind to DNA to facilitate DNA damage repair. <i>Science Signaling</i> , 2018, 11, .	3.6	56
7	X-ray Crystal Structure of the UCS Domain-Containing UNC-45 Myosin Chaperone from <i>Drosophila melanogaster</i> . <i>Structure</i> , 2011, 19, 397-408.	3.3	33
8	Modulation of virus-induced NF- κ B signaling by NEMO coiled coil mimics. <i>Nature Communications</i> , 2020, 11, 1786.	12.8	30
9	Evidence for M1-Linked Polyubiquitin-Mediated Conformational Change in NEMO. <i>Journal of Molecular Biology</i> , 2017, 429, 3793-3800.	4.2	27
10	Probing Kinase Activation and Substrate Specificity with an Engineered Monomeric IKK2. <i>Biochemistry</i> , 2014, 53, 2064-2073.	2.5	7