

Kautilya Kumar Jena

List of Publications by Year in descending order

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14
papers

533
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933447

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1205
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#	ARTICLE	IF	CITATIONS
1	The Crohn's Disease Risk Factor IRGM Limits NLRP3 Inflammasome Activation by Impeding Its Assembly and by Mediating Its Selective Autophagy. <i>Molecular Cell</i> , 2019, 73, 429-445.e7.	9.7	145
2	Sonorensin: A new bacteriocin with potential of an anti-biofilm agent and a food biopreservative. <i>Scientific Reports</i> , 2015, 5, 13412.	3.3	106
3	TRIM16 controls assembly and degradation of protein aggregates by modulating the p62-NRF2 axis and autophagy. <i>EMBO Journal</i> , 2018, 37, .	7.8	84
4	Autoimmunity gene <i>IRGM</i> suppresses <i>cGAS</i> and <i>STING</i> and <i>RIG</i> and <i>MAVS</i> signaling to control interferon response. <i>EMBO Reports</i> , 2020, 21, e50051.	4.5	48
5	IRGM restrains NLRP3 inflammasome activation by mediating its SQSTM1/p62-dependent selective autophagy. <i>Autophagy</i> , 2019, 15, 1645-1647.	9.1	32
6	TRIM16 governs the biogenesis and disposal of stress-induced protein aggregates to evade cytotoxicity: implication for neurodegeneration and cancer. <i>Autophagy</i> , 2019, 15, 924-926.	9.1	24
7	Bioprocess development for the production of sonorensin by <i>Bacillus sonorensis</i> MT93 and its application as a food preservative. <i>Bioresource Technology</i> , 2015, 175, 358-366.	9.6	21
8	IRGM links autoimmunity to autophagy. <i>Autophagy</i> , 2021, 17, 578-580.	9.1	18
9	Inhibition of IRGM establishes a robust antiviral immune state to restrict pathogenic viruses. <i>EMBO Reports</i> , 2021, 22, e52948.	4.5	17
10	RNA-Binding RING E3-Ligase DZIP3/hRUL138 Stabilizes Cyclin D1 to Drive Cell-Cycle and Cancer Progression. <i>Cancer Research</i> , 2021, 81, 315-331.	0.9	14
11	Unravelling the potential of gut microbiota in sustaining brain health and their current prospective towards development of neurotherapeutics. <i>Archives of Microbiology</i> , 2021, 203, 2895-2910.	2.2	8
12	TRIM16 controls turnover of protein aggregates by modulating NRF2, ubiquitin system, and autophagy: implication for tumorigenesis. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1532251.	0.7	7
13	TRIM16 employs NRF2, ubiquitin system and autophagy for safe disposal of stress-induced misfolded proteins. <i>Cell Stress</i> , 2018, 2, 365-367.	3.2	6
14	SMARCD1 negatively regulates myeloid differentiation of leukemic cells via epigenetic mechanisms. <i>Blood Advances</i> , 2022, 6, 3106-3113.	5.2	3