Nagaraj Kerur

List of Publications by Year
in descending order

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17 papers	1,583 citations	567281 15 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	2068 citing authors

#	Article	IF	Citations
1	Emerging Nano-Formulations and Nanomedicines Applications for Ocular Drug Delivery. Nanomaterials, 2021, 11, 173.	4.1	88
2	Cytoplasmic synthesis of endogenous Alu complementary DNA via reverse transcription and implications in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
3	Alu complementary DNA is enriched in atrophic macular degeneration and triggers retinal pigmented epithelium toxicity via cytosolic innate immunity. Science Advances, 2021, 7, eabj3658.	10.3	23
4	A non-canonical, interferon-independent signaling activity of cGAMP triggers DNA damage response signaling. Nature Communications, 2021, 12, 6207.	12.8	30
5	DDX17 is an essential mediator of sterile NLRC4 inflammasome activation by retrotransposon RNAs. Science Immunology, 2021, 6, eabi4493.	11.9	24
6	Repurposing anti-inflammasome NRTIs for improving insulin sensitivity and reducing type 2 diabetes development. Nature Communications, 2020, 11, 4737.	12.8	31
7	Chronic Dicer1 deficiency promotes atrophic and neovascular outer retinal pathologies in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2579-2587.	7.1	28
8	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. Nature Medicine, 2018, 24, 50-61.	30.7	205
9	RF/6A Chorioretinal Cells Do Not Display Key Endothelial Phenotypes. , 2018, 59, 5795.		18
10	Human IgG1 antibodies suppress angiogenesis in a target-independent manner. Signal Transduction and Targeted Therapy, 2016, 1, .	17.1	30
11	Intravenous immune globulin suppresses angiogenesis in mice and humans. Signal Transduction and Targeted Therapy, 2016, 1, .	17.1	23
12	Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome. Cell Reports, 2015, 11, 1686-1693.	6.4	78
13	IL-18 is not therapeutic for neovascular age-related macular degeneration. Nature Medicine, 2014, 20, 1372-1375.	30.7	37
14	DICER1/ Alu RNA dysmetabolism induces Caspase-8â€“mediated cell death in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16082-16087.	7.1	79
15	Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity. Science, 2014, 346, 1000-1003.	12.6	189
16	TLR-Independent and P2X7-Dependent Signaling MediateAluRNA-Induced NLRP3 Inflammasome Activation in Geographic Atrophy. , 2013, 54, 7395.		138
17	DICER1 Loss and Alu RNA Induce Age-Related Macular Degeneration via the NLRP3 Inflammasome and MyD88. Cell, 2012, 149, 847-859.	28.9	526