

# Marco Colonna

## List of Publications by Year in descending order

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Version: 2024-02-01

470  
papers

80,524  
citations

339

140  
h-index

660

263  
g-index

511  
all docs

511  
docs citations

511  
times ranked

68228  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Two-faced behavior of microglia in Alzheimer's disease. <i>Nature Neuroscience</i> , 2022, 25, 3-4.   | 7.1 | 20        |
| 2  | Adaptive differentiation promotes intestinal villus recovery. <i>Developmental Cell</i> , 2022, 57, 166-179.e6.   | 3.1 | 25        |
| 3  | High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue. <i>Journal of Immunology</i> , 2022, 208, 1445-1455.   | 0.4 | 8         |
| 4  | Whole-genome profiling of DNA methylation and hydroxymethylation identifies distinct regulatory programs among innate lymphocytes. <i>Nature Immunology</i> , 2022, 23, 619-631.  | 7.0 | 14        |
| 5  | Alzheimer's disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. <i>Nature Aging</i> , 2022, 2, 60-73.   | 5.3 | 12        |
| 6  | Dysregulation of the leukocyte signaling landscape during acute COVID-19. <i>PLoS ONE</i> , 2022, 17, e0264979.   | 1.1 | 4         |
| 7  | Precision Probiotic Medicine to Improve ICB Immunotherapy. <i>Cancer Discovery</i> , 2022, 12, 1189-1190.   | 7.7 | 5         |
| 8  | Innate Lymphoid Cells and Inflammatory Bowel Disease. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1365, 97-112.  | 0.8 | 6         |
| 9  | Overview: Themes in Innate Lymphoid Cell Biology. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1365, 1-6.   | 0.8 | 0         |
| 10 | The aryl hydrocarbon receptor instructs the immunomodulatory profile of a subset of Clec4e <sup>hi</sup> eosinophils unique to the small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 3.3 | 5         |
| 11 | Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. <i>Immunity</i> , 2022, 55, 1032-1050.e14.   | 6.6 | 41        |
| 12 | Spontaneous and induced adaptive immune responses in Alzheimer's disease: new insights into old observations. <i>Current Opinion in Immunology</i> , 2022, 77, 102233.  | 2.4 | 8         |
| 13 | Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK <sup>+</sup> CD8 <sup>+</sup> T Cells as Conserved Hallmark of Inflammaging. <i>Immunity</i> , 2021, 54, 99-115.e12.  | 6.6 | 258       |
| 14 | Altered ratio of dendritic cell subsets in skin-draining lymph nodes promotes Th2-driven contact hypersensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .                                  | 3.3 | 7         |
| 15 | Gut CD4 <sup>+</sup> T cell phenotypes are a continuum molded by microbes, not by TH archetypes. <i>Nature Immunology</i> , 2021, 22, 216-228.  | 7.0 | 116       |
| 16 | TREM2 sustains macrophage-hepatocyte metabolic coordination in nonalcoholic fatty liver disease and sepsis. <i>Journal of Clinical Investigation</i> , 2021, 131, .   | 3.9 | 109       |
| 17 | Microglia control small vessel calcification via TREM2. <i>Science Advances</i> , 2021, 7, .  | 4.7 | 22        |
| 18 | Killing the Invaders: NK Cell Impact in Tumors and Anti-Tumor Therapy. <i>Cancers</i> , 2021, 13, 595.  | 1.7 | 22        |

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|----|--|------|-----------|
| 19 | Single-cell analyses of Crohn's disease tissues reveal intestinal intraepithelial T cells heterogeneity and altered subset distributions. <i>Nature Communications</i> , 2021, 12, 1921.                               | 5.8  | 96        |
| 20 | P2Y2 receptor antagonism resolves sialadenitis and improves salivary flow in a Sjögren's syndrome mouse model. <i>Archives of Oral Biology</i> , 2021, 124, 105067.  | 0.8  | 5         |
| 21 | TREM2 is a receptor for non-glycosylated mycolic acids of mycobacteria that limits anti-mycobacterial macrophage activation. <i>Nature Communications</i> , 2021, 12, 2299.  | 5.8  | 32        |
| 22 | A "cell Imprint in a Rare Skin Tumor. <i>Cancer Immunology Research</i> , 2021, 9, 600-600.  | 1.6  | 1         |
| 23 | Skull and vertebral bone marrow are myeloid cell reservoirs for the meninges and CNS parenchyma. <i>Science</i> , 2021, 373, .   | 6.0  | 282       |
| 24 | Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. <i>Immunity</i> , 2021, 54, 1320-1337.e4.                     | 6.6  | 77        |
| 25 | Turning enemies into allies" reprogramming tumor-associated macrophages for cancer therapy. <i>Med</i> , 2021, 2, 666-681.   | 2.2  | 17        |
| 26 | Spatial distribution of LTI-like cells in intestinal mucosa regulates type 3 innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .                    | 3.3  | 12        |
| 27 | Activated microglia mitigate A $\beta$ -associated tau seeding and spreading. <i>Journal of Experimental Medicine</i> , 2021, 218, .   | 4.2  | 94        |
| 28 | Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. <i>Science</i> , 2021, 373, .   | 6.0  | 218       |
| 29 | Hypoxia and HIF-1 as key regulators of gut microbiota and host interactions. <i>Trends in Immunology</i> , 2021, 42, 604-621.  | 2.9  | 47        |
| 30 | Type I interferon mediated induction of somatostatin leads to suppression of ghrelin and appetite thereby promoting viral immunity in mice. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 429-443.                  | 2.0  | 9         |
| 31 | Microglia in Alzheimer's disease at single-cell level. Are there common patterns in humans and mice?. <i>Journal of Experimental Medicine</i> , 2021, 218, .   | 4.2  | 147       |
| 32 | Differential usage of transcriptional repressor Zeb2 enhancers distinguishes adult and embryonic hematopoiesis. <i>Immunity</i> , 2021, 54, 1417-1432.e7.  | 6.6  | 17        |
| 33 | Chronic <i>Toxoplasma gondii</i> infection enhances susceptibility to colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .                                   | 3.3  | 10        |
| 34 | The Fibronectin-ILT3 Interaction Functions as a Stromal Checkpoint that Suppresses Myeloid Cells. <i>Cancer Immunology Research</i> , 2021, 9, 1283-1297.  | 1.6  | 23        |
| 35 | Microglia esprit de corps: Sharing the burden of eliminating toxic aggregates. <i>Cell</i> , 2021, 184, 5082-5084.   | 13.5 | 1         |
| 36 | Prior activation state shapes the microglia response to antihuman TREM2 in a mouse model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3  | 66        |

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|----|---|------|-----------|
| 37 | <i>JEM</i> career launchpad. Journal of Experimental Medicine, 2021, 218, .   | 4.2  | 0         |
| 38 | TREM2 modulates differential deposition of modified and non-modified A $\beta$ species in extracellular plaques and intraneuronal deposits. Acta Neuropathologica Communications, 2021, 9, 168. | 2.4  | 12        |
| 39 | Profiling senescent cells in human brains reveals neurons with CDKN2D/p19 and tau neuropathology. Nature Aging, 2021, 1, 1107-1116.   | 5.3  | 45        |
| 40 | Hobit confers tissue-dependent programs to type 1 innate lymphoid cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .                          | 3.3  | 29        |
| 41 | ILC2s are the predominant source of intestinal ILC-derived IL-10. Journal of Experimental Medicine, 2020, 217, .  | 4.2  | 89        |
| 42 | IL-22 is required for the induction of bronchus-associated lymphoid tissue in tolerant lung allografts. American Journal of Transplantation, 2020, 20, 1251-1261.                               | 2.6  | 21        |
| 43 | Brain Parenchymal and Extraparenchymal Macrophages in Development, Homeostasis, and Disease. Journal of Immunology, 2020, 204, 294-305.   | 0.4  | 40        |
| 44 | Neuroinflammation and neurodegeneration in human brain at single-cell resolution. Nature Reviews Immunology, 2020, 20, 81-82.   | 10.6 | 51        |
| 45 | Sense and immuno-sensibility: innate lymphoid cell niches and circuits. Current Opinion in Immunology, 2020, 62, 9-14.  | 2.4  | 6         |
| 46 | Negative feedback control of neuronal activity by microglia. Nature, 2020, 586, 417-423.  | 13.7 | 520       |
| 47 | The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. Cell, 2020, 182, 901-918.e18.   | 13.5 | 98        |
| 48 | Interferon responses in viral pneumonias. Science, 2020, 369, 626-627.  | 6.0  | 26        |
| 49 | TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. Cell, 2020, 182, 886-900.e17.  | 13.5 | 309       |
| 50 | Keeping time in group 3 innate lymphoid cells. Nature Reviews Immunology, 2020, 20, 720-726.  | 10.6 | 10        |
| 51 | Acetate coordinates neutrophil and ILC3 responses against <i>C. difficile</i> through FFAR2. Journal of Experimental Medicine, 2020, 217, .   | 4.2  | 116       |
| 52 | Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. Journal of Experimental Medicine, 2020, 217, .  | 4.2  | 223       |
| 53 | Combined Prebiotic and Microbial Intervention Improves Oral Cholera Vaccination Responses in a Mouse Model of Childhood Undernutrition. Cell Host and Microbe, 2020, 27, 899-908.e5.            | 5.1  | 38        |
| 54 | STING Gain-of-Function Disrupts Lymph Node Organogenesis and Innate Lymphoid Cell Development in Mice. Cell Reports, 2020, 31, 107771.  | 2.9  | 18        |

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|----|--|------|-----------|
| 55 | Leukemia Inhibitory Factor Inhibits Plasmacytoid Dendritic Cell Function and Development. <i>Journal of Immunology</i> , 2020, 204, 2257-2268.   | 0.4  | 8         |
| 56 | Group 2 Innate Lymphoid Cells Must Partner with the Myeloid Macrophage Lineage for Long-Term Postviral Lung Disease. <i>Journal of Immunology</i> , 2020, 205, 1084-1101.                | 0.4  | 16        |
| 57 | ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.  | 7.0  | 55        |
| 58 | Group 2 Innate Lymphoid Cells Induce Antibody Production in Gastric Tissue. <i>Trends in Immunology</i> , 2020, 41, 643-645.   | 2.9  | 1         |
| 59 | Blood natural killer cell deficiency reveals an immunotherapy strategy for atopic dermatitis. <i>Science Translational Medicine</i> , 2020, 12, .  | 5.8  | 57        |
| 60 | Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. <i>Nature Medicine</i> , 2020, 26, 131-142.       | 15.2 | 641       |
| 61 | Insulin-Like Growth Factors Are Key Regulators of T Helper 17 Regulatory T Cell Balance in Autoimmunity. <i>Immunity</i> , 2020, 52, 650-667.e10.  | 6.6  | 84        |
| 62 | Peripheral nerve resident macrophages share tissue-specific programming and features of activated microglia. <i>Nature Communications</i> , 2020, 11, 2552.                              | 5.8  | 84        |
| 63 | Impact of TREM2R47H variant on tau pathology-induced gliosis and neurodegeneration. <i>Journal of Clinical Investigation</i> , 2020, 130, 4954-4968.                                     | 3.9  | 139       |
| 64 | TREM2 triggers microglial density and age-related neuronal loss. <i>Glia</i> , 2019, 67, 539-550.  | 2.5  | 84        |
| 65 | CRTAM Protects Against Intestinal Dysbiosis During Pathogenic Parasitic Infection by Enabling Th17 Maturation. <i>Frontiers in Immunology</i> , 2019, 10, 1423.                          | 2.2  | 11        |
| 66 | MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. <i>Immunity</i> , 2019, 51, 479-490.e6.   | 6.6  | 39        |
| 67 | TREM1 Blockade: Killing Two Birds with One Stone. <i>Trends in Immunology</i> , 2019, 40, 781-783.   | 2.9  | 4         |
| 68 | TREM2 Acts Downstream of CD33 in Modulating Microglial Pathology in Alzheimer's Disease. <i>Neuron</i> , 2019, 103, 820-835.e7.  | 3.8  | 222       |
| 69 | ILC3s integrate glycolysis and mitochondrial production of reactive oxygen species to fulfill activation demands. <i>Journal of Experimental Medicine</i> , 2019, 216, 2231-2241.        | 4.2  | 69        |
| 70 | TREM1/3 Deficiency Impairs Tissue Repair After Acute Kidney Injury and Mitochondrial Metabolic Flexibility in Tubular Epithelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1469. | 2.2  | 20        |
| 71 | DC-SCRIPT deficiency delays mouse mammary gland development and branching morphogenesis. <i>Developmental Biology</i> , 2019, 455, 42-50.  | 0.9  | 4         |
| 72 | Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , 2019, 178, 686-698.e14.  | 13.5 | 718       |

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|----|---|------|-----------|
| 73 | Exploiting NK Cell Surveillance Pathways for Cancer Therapy. <i>Cancers</i> , 2019, 11, 55.   | 1.7  | 41        |
| 74 | Circadian rhythmâ€‘dependent and circadian rhythmâ€‘independent impacts of the molecular clock on type 3 innate lymphoid cells. <i>Science Immunology</i> , 2019, 4, .  | 5.6  | 65        |
| 75 | IL-33/regulatory T cell axis triggers the development of a tumor-promoting immune environment in chronic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2646-2651. | 3.3  | 58        |
| 76 | Subsets of ILC3â€™ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. <i>Nature Immunology</i> , 2019, 20, 980-991.  | 7.0  | 141       |
| 77 | TREM2 function impedes tau seeding in neuritic plaques. <i>Nature Neuroscience</i> , 2019, 22, 1217-1222.   | 7.1  | 190       |
| 78 | The Natural Cytotoxicity Receptors in Health and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 909.   | 2.2  | 243       |
| 79 | Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019, 570, 528-532.   | 13.7 | 153       |
| 80 | Aminophospholipids are signal-transducing TREM2 ligands on apoptotic cells. <i>Scientific Reports</i> , 2019, 9, 7508.  | 1.6  | 61        |
| 81 | Innate Lymphoid Cells in Mucosal Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 861.  | 2.2  | 189       |
| 82 | Fifty Shades of Microglia. <i>Trends in Neurosciences</i> , 2019, 42, 440-443.  | 4.2  | 10        |
| 83 | Suppression of ILC2 differentiation from committed T cell precursors by E protein transcription factors. <i>Journal of Experimental Medicine</i> , 2019, 216, 884-899.  | 4.2  | 41        |
| 84 | Innate lymphoid cells: A potential link between microbiota and immune responses against cancer. <i>Seminars in Immunology</i> , 2019, 41, 101271.   | 2.7  | 13        |
| 85 | Circadian clock protein Rev-erbâ€‘ regulates neuroinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5102-5107.  | 3.3  | 164       |
| 86 | Microglia in Alzheimerâ€™s disease: A target for immunotherapy. <i>Journal of Leukocyte Biology</i> , 2019, 106, 219-227.   | 1.5  | 78        |
| 87 | Gene Regulatory Programs Conferring Phenotypic Identities to Human NK Cells. <i>Cell</i> , 2019, 176, 348-360.e12.  | 13.5 | 125       |
| 88 | Nuclear receptor ligands induce TREM-1 expression on dendritic cells: analysis of their role in tumors. <i>Oncimmunology</i> , 2019, 8, 1554967.  | 2.1  | 14        |
| 89 | Innate lymphoid cell sensing of tissue vitality. <i>Current Opinion in Immunology</i> , 2019, 56, 82-93.  | 2.4  | 14        |
| 90 | The CNS Immune-Privilege Goes Down the Drain(age). <i>Trends in Pharmacological Sciences</i> , 2019, 40, 1-3.   | 4.0  | 33        |

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|-----|---|------|-----------|
| 91  | Mucosal infection rewires TNF $\epsilon$ ' signaling dynamics to skew susceptibility to recurrence. <i>ELife</i> , 2019, 8, .   | 2.8  | 24        |
| 92  | <i>Toxoplasma gondii</i> infection drives conversion of NK cells into ILC1-like cells. <i>ELife</i> , 2019, 8, .  | 2.8  | 91        |
| 93  | Chemical sensing in development and function of intestinal lymphocytes. <i>Current Opinion in Immunology</i> , 2018, 50, 112-116.   | 2.4  | 10        |
| 94  | ApoE facilitates the microglial response to amyloid plaque pathology. <i>Journal of Experimental Medicine</i> , 2018, 215, 1047-1058.                                     | 4.2  | 194       |
| 95  | Mechanisms of Action and Clinical Development of Elotuzumab. <i>Clinical and Translational Science</i> , 2018, 11, 261-266.   | 1.5  | 23        |
| 96  | Immune Training Unlocks Innate Potential. <i>Cell</i> , 2018, 172, 3-5.   | 13.5 | 36        |
| 97  | Is There Natural Killer Cell Memory and Can It Be Harnessed by Vaccination?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029512.                       | 2.3  | 8         |
| 98  | Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. <i>Cell</i> , 2018, 172, 534-548.e19.   | 13.5 | 197       |
| 99  | Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. <i>Journal of Experimental Medicine</i> , 2018, 215, 745-760.                | 4.2  | 182       |
| 100 | Behavioral and transcriptomic analysis of Trem2-null mice: not all knockout mice are created equal. <i>Human Molecular Genetics</i> , 2018, 27, 211-223.                  | 1.4  | 50        |
| 101 | TREM2 " a key player in microglial biology and Alzheimer disease. <i>Nature Reviews Neurology</i> , 2018, 14, 667-675.  | 4.9  | 396       |
| 102 | The identity and function of microglia in neurodegeneration. <i>Nature Immunology</i> , 2018, 19, 1048-1058.  | 7.0  | 241       |
| 103 | Introduction: Basic and emerging concepts in <sc>ILC</sc> biology. <i>Immunological Reviews</i> , 2018, 286, 4-5.   | 2.8  | 0         |
| 104 | High-affinity interactions and signal transduction between A $\beta$ oligomers and <sc>TREM</sc> 2. <i>EMBO Molecular Medicine</i> , 2018, 10, .                          | 3.3  | 86        |
| 105 | The Trem2 R47H Alzheimer's risk variant impairs splicing and reduces Trem2 mRNA and protein in mice but not in humans. <i>Molecular Neurodegeneration</i> , 2018, 13, 49. | 4.4  | 91        |
| 106 | The Tumor Necrosis Factor Superfamily Member RANKL Suppresses Effector Cytokine Production in Group 3 Innate Lymphoid Cells. <i>Immunity</i> , 2018, 48, 1208-1219.e4.    | 6.6  | 70        |
| 107 | Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. <i>Cell</i> , 2018, 173, 1073-1081.   | 13.5 | 765       |
| 108 | AHR signaling in the development and function of intestinal immune cells and beyond. <i>Seminars in Immunopathology</i> , 2018, 40, 371-377.                              | 2.8  | 29        |

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|-----|--|------|-----------|
| 109 | The Microglial Response to Neurodegenerative Disease. <i>Advances in Immunology</i> , 2018, 139, 1-50.   | 1.1  | 22        |
| 110 | TREM2-Dependent Effects on Microglia in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 202.   | 1.7  | 60        |
| 111 | Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018, 174, 1054-1066.  | 13.5 | 1,467     |
| 112 | LIGHT-HVEM Signaling in Innate Lymphoid Cell Subsets Protects Against Enteric Bacterial Infection. <i>Cell Host and Microbe</i> , 2018, 24, 249-260.e4.  | 5.1  | 42        |
| 113 | Leukocyte-Associated Ig-like Receptor 1 Inhibits Th1 Responses but Is Required for Natural and Induced Monocyte-Dependent Th17 Responses. <i>Journal of Immunology</i> , 2018, 201, 772-781.   | 0.4  | 15        |
| 114 | Innate Lymphoid Cells: Diversity, Plasticity, and Unique Functions in Immunity. <i>Immunity</i> , 2018, 48, 1104-1117.   | 6.6  | 265       |
| 115 | Human Innate lymphoid cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY78-2.  | 0.0  | 0         |
| 116 | CD8+ T Cells Orchestrate pDC-XCR1+ Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , 2017, 46, 205-219.   | 6.6  | 278       |
| 117 | Microglia Function in the Central Nervous System During Health and Neurodegeneration. <i>Annual Review of Immunology</i> , 2017, 35, 441-468.  | 9.5  | 1,450     |
| 118 | Elucidating the Role of TREM2 in Alzheimer's Disease. <i>Neuron</i> , 2017, 94, 237-248.   | 3.8  | 255       |
| 119 | Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. <i>Nature Medicine</i> , 2017, 23, 128-135.   | 15.2 | 85        |
| 120 | A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , 2017, 169, 1276-1290.e17.  | 13.5 | 3,282     |
| 121 | Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , 2017, 8, 15627.  | 5.8  | 48        |
| 122 | Editorial Overview: Sense and react: how the innate immune system detects threats and generates protective responses. <i>Current Opinion in Immunology</i> , 2017, 44, v-vii.  | 2.4  | 2         |
| 123 | IL-15 sustains IL-7R-independent ILC2 and ILC3 development. <i>Nature Communications</i> , 2017, 8, 14601.   | 5.8  | 89        |
| 124 | TREM2 deficiency attenuates neuroinflammation and protects against neurodegeneration in a mouse model of tauopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11524-11529. | 3.3  | 328       |
| 125 | Tailoring Natural Killer cell immunotherapy to the tumour microenvironment. <i>Seminars in Immunology</i> , 2017, 31, 30-36.   | 2.7  | 30        |
| 126 | SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- $\beta$ signaling. <i>Nature Immunology</i> , 2017, 18, 995-1003.   | 7.0  | 268       |



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|-----|--|------|-----------|
| 127 | TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.   | 13.5 | 741       |
| 128 | <i>Lactobacillus reuteri</i> induces gut intraepithelial CD4 <sup>+</sup> CD8 <sup>±</sup> T cells. <i>Science</i> , 2017, 357, 806-810.   | 6.0  | 543       |
| 129 | Lymphocytes Negatively Regulate NK Cell Activity via Qa-1b following Viral Infection. <i>Cell Reports</i> , 2017, 21, 2528-2540.   | 2.9  | 34        |
| 130 | Immune evasion of <i>Plasmodium falciparum</i> by RIFIN via inhibitory receptors. <i>Nature</i> , 2017, 552, 101-105.  | 13.7 | 118       |
| 131 | A mucosal imprint left by prior <i>Escherichia coli</i> bladder infection sensitizes to recurrent disease. <i>Nature Microbiology</i> , 2017, 2, 16196.                                    | 5.9  | 67        |
| 132 | Alzheimer's disease-associated TREM2 variants exhibit either decreased or increased ligand-dependent activation. <i>Alzheimer's and Dementia</i> , 2017, 13, 381-387.                      | 0.4  | 192       |
| 133 | Two Distinct Myeloid Subsets at the Term Human Fetal-Maternal Interface. <i>Frontiers in Immunology</i> , 2017, 8, 1357.   | 2.2  | 12        |
| 134 | Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. <i>ELife</i> , 2016, 5, .   | 2.8  | 145       |
| 135 | Triggering Receptor Expressed on Myeloid Cells (TREM)-2 Impairs Host Defense in Experimental Melioidosis. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004747.                    | 1.3  | 15        |
| 136 | Diversity and function of group 1 innate lymphoid cells. <i>Immunology Letters</i> , 2016, 179, 19-24.   | 1.1  | 98        |
| 137 | TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , 2016, 90, 724-739.    | 3.8  | 528       |
| 138 | TREM-1-accentuated lung injury via miR-155 is inhibited by LP17 nanomedicine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L426-L438.       | 1.3  | 63        |
| 139 | TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , 2016, 213, 667-675.                                   | 4.2  | 565       |
| 140 | Expression profiling of constitutive mast cells reveals a unique identity within the immune system. <i>Nature Immunology</i> , 2016, 17, 878-887.  | 7.0  | 293       |
| 141 | Distinct Gene Regulatory Pathways for Human Innate versus Adaptive Lymphoid Cells. <i>Cell</i> , 2016, 165, 1134-1146.   | 13.5 | 134       |
| 142 | Transforming Growth Factor- $\beta$ 2 Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. <i>Immunity</i> , 2016, 44, 1127-1139.                             | 6.6  | 202       |
| 143 | Indoleamine 2,3-Dioxygenase-Expressing Aortic Plasmacytoid Dendritic Cells Protect against Atherosclerosis by Induction of Regulatory T Cells. <i>Cell Metabolism</i> , 2016, 23, 852-866. | 7.2  | 92        |
| 144 | Cheolho Cheong (1974-2016). <i>Cell Metabolism</i> , 2016, 24, 187-188.  | 7.2  | 0         |

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|-----|---|-----|-----------|
| 145 | TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , 2016, 92, 252-264.                               | 3.8 | 145       |
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