# Ronald S Flannagan

List of Publications by Year
in descending order



| 38 | 3,524 | 279487 23 | 360668 35 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 41 | 41 | 41 | 5341 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Superantigens promote <i>Staphylococcus aureus</i> bloodstream infection by eliciting pathogenic interferon-gamma production. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 17 |
| 2 | InÂvivo growth of Staphylococcus lugdunensis is facilitated by the concerted function of heme and non-heme iron acquisition mechanisms. Journal of Biological Chemistry, 2022, 298, 101823. | 1.6 | 6 |
| 3 | Rapid removal of phagosomal ferroportin in macrophages contributes to nutritional immunity. Blood Advances, 2021, 5, 459-474. | 2.5 | 13 |
| 4 | Coagulase-negative staphylococci release a purine analog that inhibits Staphylococcus aureus virulence. Nature Communications, 2021, 12, 1887. | 5.8 | 27 |
| 5 | Mutations in a Membrane Permease or hpt Lead to 6-Thioguanine Resistance in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0076021. | 1.4 | 3 |
| 6 | Heme-Dependent Siderophore Utilization Promotes Iron-Restricted Growth of the Staphylococcus aureus <i>hemB</i> Small-Colony Variant. Journal of Bacteriology, 2021, 203, e0045821. | 1.0 | 10 |
| 7 | Discovery of an antivirulence compound that reverses Î2-lactam resistance in MRSA. Nature Chemical Biology, 2020, 16, 143-149. | 3.9 | 57 |
| 8 | <i>De Novo</i> Purine Biosynthesis Is Required for Intracellular Growth of Staphylococcus aureus and for the Hypervirulence Phenotype of a <i>purR</i> Mutant. Infection and Immunity, 2020, 88, . | 1.0 | 24 |
| 9 | Macrophageâ€driven nutrient delivery to phagosomal <i>Staphylococcus aureus</i> supports bacterial growth. EMBO Reports, 2020, 21, e50348. | 2.0 | 12 |
| 10 | Stress-induced inactivation of the Staphylococcus aureus purine biosynthesis repressor leads to hypervirulence. Nature Communications, 2019, 10, 775. | 5.8 | 54 |
| 11 | A Fluorescence Based-Proliferation Assay for the Identification of Replicating Bacteria Within Host Cells. Frontiers in Microbiology, 2018, 9, 3084. | 1.5 | 18 |
| 12 | Staphylococcus aureus Uses the GraXRS Regulatory System To Sense and Adapt to the Acidified Phagolysosome in Macrophages. MBio, 2018, 9, . | 1.8 | 57 |
| 13 | The surreptitious survival of the emerging pathogen<i>Staphylococcus lugdunensis</i>within macrophages as an immune evasion strategy. Cellular Microbiology, 2018, 20, e12869. | 1.1 | 9 |
| 14 | Signaling of Phagocytosis. , 2016, , 83-96. | | 0 |
| 15 | Intracellular replication of<i>Staphylococcus aureus</i>in mature phagolysosomes in macrophages precedes host cell death, and bacterial escape and dissemination. Cellular Microbiology, 2016, 18, 514-535. | 1.1 | 174 |
| 16 | Antimicrobial Mechanisms of Macrophages and the Immune Evasion Strategies of Staphylococcus aureus. Pathogens, 2015, 4, 826-868. | 1.2 | 151 |
| 17 | The phosphatidylserine receptor TIM4 utilizes integrins as coreceptors to effect phagocytosis. Molecular Biology of the Cell, 2014, 25, 1511-1522. | 0.9 | 93 |
| 18 | The Antimicrobial Functions of Macrophages. , 2014, , 111-129. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Bdellovibrio exovorus sp. nov., a novel predator of Caulobacter crescentus. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 146-151. | 0.8 | 71 |
| 20 | Burkholderia cenocepaciainfection. Cell Adhesion and Migration, 2012, 6, 297-301. | 1.1 | 2 |
| 21 | Lysosomal calcium homeostasis defects, not proton pump defects, cause endo-lysosomal dysfunction in PSEN-deficient cells. Journal of Cell Biology, 2012, 198, 23-35. | 2.3 | 187 |
| 22 | The Cell Biology of Phagocytosis. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 61-98. | 9.6 | 791 |
| 23 | Burkholderia cenocepacia disrupts host cell actin cytoskeleton by inactivating Rac and Cdc42. Cellular Microbiology, 2012, 14, 239-254. | 1.1 | 32 |
| 24 | A twoâ€tier model of polymyxin B resistance in <i>Burkholderia cenocepacia</i>. Environmental Microbiology Reports, 2011, 3, 278-285. | 1.0 | 36 |
| 25 | Editorial: Fly fishing with RNAi catches novel effectors of phagocytosis. Journal of Leukocyte Biology, 2011, 89, 643-645. | 1.5 | 3 |
| 26 | Dynamic macrophage â€œprobingâ€•is required for the efficient capture of phagocytic targets. Journal of Cell Biology, 2010, 191, 1205-1218. | 2.3 | 124 |
| 27 | The Application of Fluorescent Probes for the Analysis of Lipid Dynamics During Phagocytosis. Methods in Molecular Biology, 2010, 591, 121-134. | 0.4 | 8 |
| 28 | Dynamic macrophage â€œprobingâ€•is required for the efficient capture of phagocytic targets. Journal of Experimental Medicine, 2010, 207, i37-i37. | 4.2 | 0 |
| 29 | Assessment of three Resistance-Nodulation-Cell Division drug efflux transporters of Burkholderia cenocepacia in intrinsic antibiotic resistance. BMC Microbiology, 2009, 9, 200. | 1.3 | 72 |
| 30 | Antimicrobial mechanisms of phagocytes and bacterial evasion strategies. Nature Reviews Microbiology, 2009, 7, 355-366. | 13.6 | 812 |
| 31 | A system for the construction of targeted unmarked gene deletions in the genus <i>Burkholderia</i>. Environmental Microbiology, 2008, 10, 1652-1660. | 1.8 | 145 |
| 32 | A Novel Sensor Kinase-Response Regulator Hybrid Controls Biofilm Formation and Type VI Secretion System Activity in <i>Burkholderia cenocepacia</i>. Infection and Immunity, 2008, 76, 1979-1991. | 1.0 | 121 |
| 33 | Burkholderia cenocepacia requires RpoE for growth under stress conditions and delay of phagolysosomal fusion in macrophages. Microbiology (United Kingdom), 2008, 154, 643-653. | 0.7 | 36 |
| 34 | Burkholderia cenocepacia Requires a Periplasmic HtrA Protease for Growth under Thermal and Osmotic Stress and for Survival In Vivo. Infection and Immunity, 2007, 75, 1679-1689. | 1.0 | 81 |
| 35 | A Putative Gene Cluster for Aminoarabinose Biosynthesis Is Essential for Burkholderia cenocepacia Viability. Journal of Bacteriology, 2007, 189, 3639-3644. | 1.0 | 101 |
| 36 | A Complete Lipopolysaccharide Inner Core Oligosaccharide Is Required for Resistance of Burkholderia cenocepacia to Antimicrobial Peptides and Bacterial Survival In Vivo. Journal of Bacteriology, 2006, 188, 2073-2080. | 1.0 | 126 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A minor catalase/peroxidase from Burkholderia cenocepacia is required for normal aconitase activity. Microbiology (United Kingdom), 2005, 151, 1975-1985. | 0.7 | 23 |
| 38 | Downregulation of the motA gene delays the escape of the obligate predator Bdellovibrio bacteriovorus 109J from bdelloplasts of bacterial prey cells. Microbiology (United Kingdom), 2004, 150, 649-656. | 0.7 | 28 |