

# Qing Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6823984/publications.pdf>

Version: 2024-02-01

44  
papers

2,327  
citations

279798  
23  
h-index

302126  
39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3409  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Lyn is a redox sensor that mediates leukocyte wound attraction in vivo. <i>Nature</i> , 2011, 480, 109-112.  | 27.8 | 388       |
| 2  | Differential Regulation of Protrusion and Polarity by PI(3)K during Neutrophil Motility in Live Zebrafish. <i>Developmental Cell</i> , 2010, 18, 226-236.  | 7.0  | 338       |
| 3  | Molecular Mechanisms of the Cytotoxicity of ADP-Ribosylating Toxins. <i>Annual Review of Microbiology</i> , 2008, 62, 271-288.   | 7.3  | 161       |
| 4  | Dual Roles for Rac2 in Neutrophil Motility and Active Retention in Zebrafish Hematopoietic Tissue. <i>Developmental Cell</i> , 2011, 21, 735-745.  | 7.0  | 133       |
| 5  | Chemokine Signaling and the Regulation of Bidirectional Leukocyte Migration in Interstitial Tissues. <i>Cell Reports</i> , 2017, 19, 1572-1585.  | 6.4  | 103       |
| 6  | MicroRNA-223 Suppresses the Canonical NF- $\kappa$ B Pathway in Basal Keratinocytes to Dampen Neutrophilic Inflammation. <i>Cell Reports</i> , 2018, 22, 1810-1823.  | 6.4  | 103       |
| 7  | Localized bacterial infection induces systemic activation of neutrophils through Cxcr2 signaling in zebrafish. <i>Journal of Leukocyte Biology</i> , 2013, 93, 761-769.  | 3.3  | 94        |
| 8  | Distinct Innate Immune Phagocyte Responses to <i>Aspergillus fumigatus</i> Conidia and Hyphae in Zebrafish Larvae. <i>Eukaryotic Cell</i> , 2014, 13, 1266-1277.   | 3.4  | 82        |
| 9  | Low-Volume Toolbox for the Discovery of Immunosuppressive Fungal Secondary Metabolites. <i>PLoS Pathogens</i> , 2013, 9, e1003289.   | 4.7  | 73        |
| 10 | Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Experimental Medicine</i> , 2015, 212, 649-663.   | 8.5  | 73        |
| 11 | miRNA-223 at the crossroads of inflammation and cancer. <i>Cancer Letters</i> , 2019, 451, 136-141.  | 7.2  | 66        |
| 12 | Distinct signalling mechanisms mediate neutrophil attraction to bacterial infection and tissue injury. <i>Cellular Microbiology</i> , 2012, 14, 517-528.   | 2.1  | 63        |
| 13 | Neutrophil-specific knockout demonstrates a role for mitochondria in regulating neutrophil motility in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .                                       | 2.4  | 52        |
| 14 | Leukocyte migration from a fish eye's view. <i>Journal of Cell Science</i> , 2012, 125, 3949-3956.   | 2.0  | 47        |
| 15 | Rac2 Functions in Both Neutrophils and Macrophages To Mediate Motility and Host Defense in Larval Zebrafish. <i>Journal of Immunology</i> , 2016, 197, 4780-4790.  | 0.8  | 46        |
| 16 | Multiple WASP-interacting Protein Recognition Motifs Are Required for a Functional Interaction with N-WASP. <i>Journal of Biological Chemistry</i> , 2007, 282, 8446-8453.                                     | 3.4  | 44        |
| 17 | EsxA membrane-permeabilizing activity plays a key role in mycobacterial cytosolic translocation and virulence: effects of single-residue mutations at glutamine 5. <i>Scientific Reports</i> , 2016, 6, 32618. | 3.3  | 44        |
| 18 | MicroRNA<sc>s in neutrophils: potential next generation therapeutics for inflammatory ailments. <i>Immunological Reviews</i> , 2016, 273, 29-47.   | 6.0  | 40        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Phenotypical microRNA screen reveals a noncanonical role of CDK2 in regulating neutrophil migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18561-18570.   | 7.1  | 39        |
| 20 | <i>Pseudomonas aeruginosa</i> ExoS ADP-ribosyltransferase inhibits ERM phosphorylation. <i>Cellular Microbiology</i> , 2007, 9, 97-105.   | 2.1  | 37        |
| 21 | Uncoupling Crk Signal Transduction by <i>Pseudomonas</i> Exoenzyme T. <i>Journal of Biological Chemistry</i> , 2005, 280, 35953-35960.  | 3.4  | 34        |
| 22 | Modulation of Host Cell Endocytosis by the Type III Cytotoxin, <i>Pseudomonas</i> ExoS. <i>Traffic</i> , 2008, 9, 1948-1957.  | 2.7  | 33        |
| 23 | Intracellular Localization of Type III-delivered <i>Pseudomonas</i> ExoS with Endosome Vesicles. <i>Journal of Biological Chemistry</i> , 2007, 282, 13022-13032.   | 3.4  | 28        |
| 24 | Development and Characterization of an Endotoxemia Model in Zebra Fish. <i>Frontiers in Immunology</i> , 2018, 9, 607.  | 4.8  | 22        |
| 25 | Plasma membrane localization affects the RhoGAP specificity of <i>Pseudomonas</i> ExoS. <i>Cellular Microbiology</i> , 2007, 9, 2192-2201.  | 2.1  | 21        |
| 26 | Overexpression of microRNA-722 fine-tunes neutrophilic inflammation through inhibiting <i>Rac2</i> in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1323-1332.  | 2.4  | 20        |
| 27 | <i>nox2/cybb</i> Deficiency Affects Zebrafish Retinotectal Connectivity. <i>Journal of Neuroscience</i> , 2018, 38, 5854-5871.  | 3.6  | 20        |
| 28 | Mitofusin 2 regulates neutrophil adhesive migration and the actin cytoskeleton. <i>Journal of Cell Science</i> , 2020, 133, .   | 2.0  | 18        |
| 29 | Intracellular Trafficking of <i>Pseudomonas</i> ExoS, a Type III Cytotoxin. <i>Traffic</i> , 2007, 8, 1331-1345.  | 2.7  | 16        |
| 30 | Reduced electron transport chain complex I protein abundance and function in <i>Mfn2</i> deficient myogenic progenitors lead to oxidative stress and mitochondria swelling. <i>FASEB Journal</i> , 2021, 35, e21426.  | 0.5  | 15        |
| 31 | Inducible overexpression of zebrafish microRNA-722 suppresses chemotaxis of human neutrophil like cells. <i>Molecular Immunology</i> , 2019, 112, 206-214.  | 2.2  | 13        |
| 32 | Discovery of Small Molecules That Target the Phosphatidylinositol (3,4,5) Trisphosphate (PIP <sub>3</sub> )-Dependent Rac Exchanger 1 (P-Rex1) PIP <sub>3</sub> -Binding Site and Inhibit P-Rex1-Dependent Functions in Neutrophils. <i>Molecular Pharmacology</i> , 2020, 97, 226-236. | 2.3  | 13        |
| 33 | Chemically-defined generation of human hemogenic endothelium and definitive hematopoietic progenitor cells. <i>Biomaterials</i> , 2022, 285, 121569.  | 11.4 | 11        |
| 34 | Differential Regulation of Protrusion and Polarity by PI(3)K during Neutrophil Motility in Live Zebrafish. <i>Developmental Cell</i> , 2011, 21, 384.   | 7.0  | 8         |
| 35 | A robust and flexible CRISPR/Cas9-based system for neutrophil-specific gene inactivation in zebrafish. <i>Journal of Cell Science</i> , 2021, 134, .  | 2.0  | 8         |
| 36 | Mitofusin <sup>2</sup> regulates leukocyte adhesion and $\beta$ 2 integrin activation. <i>Journal of Leukocyte Biology</i> , 2021, , .  | 3.3  | 7         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Rora Regulates Neutrophil Migration and Activation in Zebrafish. <i>Frontiers in Immunology</i> , 2022, 13, 756034.  | 4.8 | 5         |
| 38 | Isolation, Expression Pattern of a Novel Human RAB Gene RAB41 and Characterization of Its Intronless Homolog RAB41P. <i>DNA Sequence</i> , 2003, 14, 431-435.                | 0.7 | 4         |
| 39 | A curious case of cyclin-dependent kinases in neutrophils. <i>Journal of Leukocyte Biology</i> , 2022, , .   | 3.3 | 3         |
| 40 | Editorial: The Function of Phagocytes in Non-Mammals. <i>Frontiers in Immunology</i> , 2020, 11, 628847.   | 4.8 | 0         |
| 41 | Mitofusin-2 regulates leukocyte adhesion through the maturation of $\beta 2$ integrin activation in differentiation. <i>FASEB Journal</i> , 2021, 35, .                      | 0.5 | 0         |
| 42 | Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Cell Biology</i> , 2015, 209, 209201A68.  | 5.2 | 0         |
| 43 | Abstract A117: CXCR1 is required for neutrophil recruitment to wounds and Kras-transformed cells in zebrafish. , 2016, , .   |     | 0         |
| 44 | Suppression of NF- $\kappa$ B Activation in Basal Keratinocytes via Cell Autonomous and Non-Autonomous Functions of MicroRNA A22333. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0         |