

# Craig A Mandato

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,158  
citations

516710

16  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1464  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Wound-induced assembly and closure of an actomyosin purse string in <i>Xenopus</i> oocytes. <i>Current Biology</i> , 1999, 9, 579-587.  | 3.9 | 193       |
| 2  | Contraction and polymerization cooperate to assemble and close actomyosin rings around <i>Xenopus</i> oocyte wounds. <i>Journal of Cell Biology</i> , 2001, 154, 785-798.   | 5.2 | 143       |
| 3  | Regulation of the actin cytoskeleton by PIP2 in cytokinesis. <i>Biology of the Cell</i> , 2006, 98, 377-388.  | 2.0 | 114       |
| 4  | Actomyosin Transports Microtubules and Microtubules Control Actomyosin Recruitment during <i>Xenopus</i> Oocyte Wound Healing. <i>Current Biology</i> , 2003, 13, 1096-1105.                                      | 3.9 | 97        |
| 5  | Molecular characterization of the effects of Yâ€27632. <i>Cytoskeleton</i> , 2007, 64, 97-109.   | 4.4 | 70        |
| 6  | Microtubule-actomyosin interactions in cortical flow and cytokinesis. <i>Cytoskeleton</i> , 2000, 45, 87-92.  | 4.4 | 68        |
| 7  | Analysis of Cortical Flow Models In Vivo. <i>Molecular Biology of the Cell</i> , 2000, 11, 2553-2563.   | 2.1 | 51        |
| 8  | Monoaminergic regulation of hemocyte activity. <i>Journal of Insect Physiology</i> , 1996, 42, 13-19.   | 2.0 | 45        |
| 9  | Plasma membrane and cytoskeleton dynamics during single-cell wound healing. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2649-2661.   | 4.1 | 39        |
| 10 | Intracellular second messengers mediate stress inducible hormesis and Programmed Cell Death: A review. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 773-792.                      | 4.1 | 32        |
| 11 | Mitochondria Localize to the Cleavage Furrow in Mammalian Cytokinesis. <i>PLoS ONE</i> , 2013, 8, e72886.   | 2.5 | 30        |
| 12 | Compartmentalization of membrane trafficking, glucose transport, glycolysis, actin, tubulin and the proteasome in the cytoplasmic droplet/Hermes body of epididymal sperm. <i>Open Biology</i> , 2015, 5, 150080. | 3.6 | 24        |
| 13 | Wound-induced contractile ring: a model for cytokinesis. <i>Biochemistry and Cell Biology</i> , 2005, 83, 711-720.  | 2.0 | 23        |
| 14 | Four-dimensional imaging of cytoskeletal dynamics in <i>Xenopus</i> oocytes and eggs. <i>Differentiation</i> , 2003, 71, 518-527.   | 1.9 | 21        |
| 15 | Evidence for direct membrane retrieval following cortical granule exocytosis in <i>Xenopus</i> oocytes and eggs. , 2000, 286, 767-775.  |     | 19        |
| 16 | Cyclic AMP affects the haemocyte responses of larval <i>Galleria mellonella</i> to selected antigens. <i>Journal of Insect Physiology</i> , 2005, 51, 575-586.  | 2.0 | 18        |
| 17 | Stress is an agonist for the induction of programmed cell death: A review. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 699-712.  | 4.1 | 18        |
| 18 | Growth-Arrest-Specific Protein 2 Inhibits Cell Division in <i>Xenopus</i> Embryos. <i>PLoS ONE</i> , 2011, 6, e24698.   | 2.5 | 17        |

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|----|--|-----|-----------|
| 19 | Identification of human ferritin, heavy polypeptide 1 (FTH1) and yeast RGI1 (YER067W) as pro-survival sequences that counteract the effects of Bax and copper in <i>Saccharomyces cerevisiae</i> . <i>Experimental Cell Research</i> , 2016, 342, 52-61. | 2.6 | 17        |
| 20 | Regulation and Assembly of Actomyosin Contractile Rings in Cytokinesis and Cell Repair. <i>Anatomical Record</i> , 2018, 301, 2051-2066.   | 1.4 | 17        |
| 21 | Hemocyte hemocyte adhesion and nodulation reactions of the greater wax moth, <i>Galleria mellonella</i> are influenced by cholera toxin and its B-subunit. <i>Results in Immunology</i> , 2012, 2, 54-65.  | 2.2 | 13        |
| 22 | The human septin7 and the yeast CDC10 septin prevent Bax and copper mediated cell death in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3186-3194.  | 4.1 | 13        |
| 23 | <i>Xenopus</i> Egg Extracts as a Model System for Analysis of Microtubule, Actin Filament, and Intermediate Filament Interactions. , 2001, 161, 229-239.   |     | 9         |
| 24 | Mitochondrial inheritance is mediated by microtubules in mammalian cell division. <i>Communicative and Integrative Biology</i> , 2013, 6, e27557.  | 1.4 | 9         |
| 25 | Implications of caveolae in testicular and epididymal myoid cells to sperm motility. <i>Molecular Reproduction and Development</i> , 2016, 83, 526-540.  | 2.0 | 9         |
| 26 | Heterologous expression of anti-apoptotic human 14-3-3 $\sigma$ enhances iron-mediated programmed cell death in yeast. <i>PLoS ONE</i> , 2017, 12, e0184151.   | 2.5 | 9         |
| 27 | Dynamics of actin polymerisation during the mammalian single-cell wound healing response. <i>BMC Research Notes</i> , 2019, 12, 420.   | 1.4 | 9         |
| 28 | Characterization of Sgo1 expression in developing and adult mouse. <i>Gene Expression Patterns</i> , 2017, 25-26, 36-45.   | 0.8 | 7         |
| 29 | Actin dynamics and myosin contractility during plasma membrane repair and restoration: Does one ring really heal them all?. <i>Current Topics in Membranes</i> , 2019, 84, 17-41.  | 0.9 | 6         |
| 30 | Dataset of Sgo1 expression in cardiac, gastrointestinal, hepatic and neuronal tissue in mouse. <i>Data in Brief</i> , 2017, 13, 731-737.   | 1.0 | 5         |
| 31 | Innate hemocyte responses of <i>Malacosoma disstria</i> larvae (C. Insecta) to antigens are modulated by intracellular cyclic AMP. <i>Developmental and Comparative Immunology</i> , 2009, 33, 890-900.  | 2.3 | 4         |
| 32 | Undergraduate Histology Education: Fostering an Engaging and Interactive Environment is the Key. <i>Medical Science Educator</i> , 2012, 22, 244-249.  | 1.5 | 4         |
| 33 | <i>Xenopus</i> Oocyte Wound Healing as a Model System for Analysis of Microtubule-Actin Interactions. <i>Methods in Molecular Medicine</i> , 2007, 137, 181-188.   | 0.8 | 3         |
| 34 | Physiological evidence of integrin antibody reactive proteins influencing the innate cellular immune responses of larval <i>Galleria mellonella</i> hemocytes. <i>Insect Science</i> , 2020, 27, 239-255.  | 3.0 | 2         |
| 35 | Correcting an instance of synthetic lethality with a pro-survival sequence. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118734.   | 4.1 | 0         |
| 36 | Tension modulation of actomyosin ring assembly and RhoGTPases activity: Perspectives from the <i>Xenopus</i> oocyte wound healing model. <i>Cytoskeleton</i> , 2021, 78, 349-360.  | 2.0 | 0         |