

# Ian P Newton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4829197/publications.pdf>

Version: 2024-02-01

23  
papers

1,323  
citations

623734

14  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2296  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Loss of Apc in vivo immediately perturbs Wnt signaling, differentiation, and migration. <i>Genes and Development</i> , 2004, 18, 1385-1390.  | 5.9 | 700       |
| 2  | Loss of APC induces polyploidy as a result of a combination of defects in mitosis and apoptosis. <i>Journal of Cell Biology</i> , 2007, 176, 183-195.  | 5.2 | 160       |
| 3  | Paneth Cell-Rich Regions Separated by a Cluster of Lgr5+ Cells Initiate Crypt Fission in the Intestinal Stem Cell Niche. <i>PLoS Biology</i> , 2016, 14, e1002491.   | 5.6 | 81        |
| 4  | A novel protein extracted from foxtail millet bran displays anti-carcinogenic effects in human colon cancer cells. <i>Toxicology Letters</i> , 2014, 227, 129-138.   | 0.8 | 55        |
| 5  | Adenomatous Polyposis Coli and Hypoxia-inducible Factor-1 $\alpha$ Have an Antagonistic Connection. <i>Molecular Biology of the Cell</i> , 2010, 21, 3630-3638.  | 2.1 | 47        |
| 6  | Lgr5+ intestinal stem cells reside in an unlicensed G1 phase. <i>Journal of Cell Biology</i> , 2018, 217, 1667-1685.   | 5.2 | 43        |
| 7  | Direct contacts with colon cancer cells regulate the differentiation of bone marrow mesenchymal stem cells into tumor associated fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 68-73. | 2.1 | 30        |
| 8  | GRP78 is implicated in the modulation of tumor aerobic glycolysis by promoting autophagic degradation of IKK $\beta$ . <i>Cellular Signalling</i> , 2015, 27, 1237-1245.   | 3.6 | 28        |
| 9  | Ultrasound capsule endoscopy: sounding out the future. <i>Annals of Translational Medicine</i> , 2017, 5, 201-201.   | 1.7 | 28        |
| 10 | The organochlorine p,p'-dichlorodiphenyltrichloroethane induces colorectal cancer growth through Wnt/ $\beta$ -catenin signaling. <i>Toxicology Letters</i> , 2014, 229, 284-291.  | 0.8 | 26        |
| 11 | Interkinetic nuclear migration and basal tethering facilitates post-mitotic daughter separation in intestinal organoids. <i>Journal of Cell Science</i> , 2017, 130, 3862-3877.  | 2.0 | 18        |
| 12 | A Prototype Therapeutic Capsule Endoscope for Ultrasound-Mediated Targeted Drug Delivery. <i>Journal of Medical Robotics Research</i> , 2018, 03, 1840001.   | 1.2 | 17        |
| 13 | Ultrasound mediated delivery of quantum dots from a proof of concept capsule endoscope to the gastrointestinal wall. <i>Scientific Reports</i> , 2021, 11, 2584.   | 3.3 | 16        |
| 14 | Acoustic Sensing and Ultrasonic Drug Delivery in Multimodal Theranostic Capsule Endoscopy. <i>Sensors</i> , 2017, 17, 1553.  | 3.8 | 15        |
| 15 | Expression, purification and renaturation of truncated human integrin $\beta$ 1 from inclusion bodies of <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2015, 107, 13-19.                            | 1.3 | 14        |
| 16 | Dichlorodiphenyldichloroethylene exposure reduces r-GCS via suppressed Nrf2 in HepG2 cells. <i>Environmental Toxicology</i> , 2016, 31, 350-359.   | 4.0 | 11        |
| 17 | SAP97 Binding Partner CRIPT Promotes Dendrite Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>ENeuro</i> , 2017, 4, ENEURO.0175-17.2017.  | 1.9 | 10        |
| 18 | Loss of adenomatous polyposis coli function renders intestinal epithelial cells resistant to the cytokine IL-22. <i>PLoS Biology</i> , 2019, 17, e3000540.   | 5.6 | 9         |

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|----|--|-----|-----------|
| 19 | N-terminal truncation mutations of adenomatous polyposis coli are associated with primary cilia defects. International Journal of Biochemistry and Cell Biology, 2014, 55, 79-86.    | 2.8 | 6         |
| 20 | Identification of Endogenous Adenomatous Polyposis Coli Interaction Partners and $\beta$ -Catenin-Independent Targets by Proteomics. Molecular Cancer Research, 2019, 17, 1828-1841. | 3.4 | 5         |
| 21 | Development of a therapeutic capsule endoscope for treatment in the gastrointestinal Tract: Bench testing to translational trial. , 2017, , .  |     | 3         |
| 22 | Notice of Removal: A fully-automated insonation system for in vitro investigations of ultrasound-mediated targeted drug delivery. , 2017, , .  |     | 1         |
| 23 | Deep Compressed Sensing for Characterizing Inflammation Severity with Microultrasound. , 2020, , .   |     | 0         |