

# Joshua J Yim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11623502/publications.pdf>

Version: 2024-02-01

22  
papers

1,159  
citations

567281

15  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1534  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A Bright Future for Precision Medicine: Advances in Fluorescent Chemical Probe Design and Their Clinical Application. <i>Cell Chemical Biology</i> , 2016, 23, 122-136.  | 5.2  | 200       |
| 2  | Comparative Metabolomics Reveals Biogenesis of Ascarosides, a Modular Library of Small-Molecule Signals in <i>C. elegans</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 1817-1824.                               | 13.7 | 187       |
| 3  | PD-1 Inhibitory Receptor Downregulates Asparaginyl Endopeptidase and Maintains Foxp3 Transcription Factor Stability in Induced Regulatory T Cells. <i>Immunity</i> , 2018, 49, 247-263.e7.   | 14.3 | 104       |
| 4  | Complex Small-Molecule Architectures Regulate Phenotypic Plasticity in a Nematode. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12438-12443.   | 13.8 | 88        |
| 5  | AND-gate contrast agents for enhanced fluorescence-guided surgery. <i>Nature Biomedical Engineering</i> , 2021, 5, 264-277.  | 22.5 | 84        |
| 6  | Succinylated Octopamine Ascarosides and a New Pathway of Biogenic Amine Metabolism in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 18778-18783.   | 3.4  | 71        |
| 7  | Sex-specific mating pheromones in the nematode <i>Panagrellus redivivus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20949-20954.                                       | 7.1  | 66        |
| 8  | Natural Variation in Dauer Pheromone Production and Sensing Supports Intraspecific Competition in Nematodes. <i>Current Biology</i> , 2014, 24, 1536-1541.   | 3.9  | 47        |
| 9  | Optimization of a Protease Activated Probe for Optical Surgical Navigation. <i>Molecular Pharmaceutics</i> , 2018, 15, 750-758.  | 4.6  | 46        |
| 10 | Starvation-induced collective behavior in <i>C. elegans</i> . <i>Scientific Reports</i> , 2015, 5, 10647.  | 3.3  | 40        |
| 11 | A protease-activated, near-infrared fluorescent probe for early endoscopic detection of premalignant gastrointestinal lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1  | 38        |
| 12 | <i>B. subtilis</i> GS67 Protects <i>C. elegans</i> from Gram-Positive Pathogens via Fengycin-Mediated Microbial Antagonism. <i>Current Biology</i> , 2014, 24, 2720-2727.  | 3.9  | 35        |
| 13 | Linking Genomic and Metabolomic Natural Variation Uncovers Nematode Pheromone Biosynthesis. <i>Cell Chemical Biology</i> , 2018, 25, 787-796.e12.  | 5.2  | 31        |
| 14 | Design of Optical Imaging Probes by Screening of Diverse Substrate Libraries Directly in Disease Tissue Extracts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19143-19152.  | 13.8 | 24        |
| 15 | Fluorescent image-guided surgery in breast cancer by intravenous application of a quenched fluorescence activity-based probe for cysteine cathepsins in a syngeneic mouse model. <i>EJNMMI Research</i> , 2020, 10, 111.             | 2.5  | 24        |
| 16 | Synthetic and biological approaches to map substrate specificities of proteases. <i>Biological Chemistry</i> , 2019, 401, 165-182.   | 2.5  | 15        |
| 17 | A Protease-Activated Fluorescent Probe Allows Rapid Visualization of Keratinocyte Carcinoma during Excision. <i>Cancer Research</i> , 2020, 80, 2045-2055.   | 0.9  | 15        |
| 18 | Nematode Signaling Molecules Derived from Multimodular Assembly of Primary Metabolic Building Blocks. <i>Organic Letters</i> , 2015, 17, 1648-1651.  | 4.6  | 13        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Short-Wave Infrared Fluorescence Chemical Sensor for Detection of Otitis Media. ACS Sensors, 2020, 5, 3411-3419.   | 7.8 | 13        |
| 20 | Methods for analysis of near-infrared (NIR) quenched-fluorescent contrast agents in mouse models of cancer. Methods in Enzymology, 2020, 639, 141-166.       | 1.0 | 6         |
| 21 | Design of Optical Imaging Probes by Screening of Diverse Substrate Libraries Directly in Disease Tissue Extracts. Angewandte Chemie, 2020, 132, 19305-19314. | 2.0 | 2         |
| 22 | New Blood Test SEEs To Detect and Localize Cancer before It's Too Late. Biochemistry, 2018, 57, 1561-1562.   | 2.5 | 1         |