

# Polina Sysa-Shah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12109891/publications.pdf>

Version: 2024-02-01

18  
papers

1,037  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2199  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Parkin-independent mitophagy requires $\text{p}1$ and maintains the integrity of mammalian heart and brain. <i>EMBO Journal</i> , 2014, 33, 2798-2813.   | 7.8  | 361       |
| 2  | A humanized antibody for imaging immune checkpoint ligand PD-L1 expression in tumors. <i>Oncotarget</i> , 2016, 7, 10215-10227.  | 1.8  | 158       |
| 3  | Peptide-based PET quantifies target engagement of PD-L1 therapeutics. <i>Journal of Clinical Investigation</i> , 2019, 129, 616-630.   | 8.2  | 94        |
| 4  | Imaging CAR T cell therapy with PSMA-targeted positron emission tomography. <i>Science Advances</i> , 2019, 5, eaaw5096.   | 10.3 | 87        |
| 5  | ErbB2 overexpression upregulates antioxidant enzymes, reduces basal levels of reactive oxygen species, and protects against doxorubicin cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1271-H1280. | 3.2  | 85        |
| 6  | Cardiac-Specific Over-Expression of Epidermal Growth Factor Receptor 2 (ErbB2) Induces Pro-Survival Pathways and Hypertrophic Cardiomyopathy in Mice. <i>PLoS ONE</i> , 2012, 7, e42805.   | 2.5  | 50        |
| 7  | [ $^{64}\text{Cu}$ ]XYIMSR-06: A dual-motif CAIX ligand for PET imaging of clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 56471-56479.  | 1.8  | 49        |
| 8  | Bidirectional cross-regulation between ErbB2 and $\beta$ -adrenergic signalling pathways. <i>Cardiovascular Research</i> , 2016, 109, 358-373.   | 3.8  | 44        |
| 9  | Imaging of carbonic anhydrase IX with an $^{111}\text{In}$ -labeled dual-motif inhibitor. <i>Oncotarget</i> , 2015, 6, 33733-33742.  | 1.8  | 44        |
| 10 | Electrocardiographic Characterization of Cardiac Hypertrophy in Mice that Overexpress the ErbB2 Receptor Tyrosine Kinase. <i>Comparative Medicine</i> , 2015, 65, 295-307.   | 1.0  | 15        |
| 11 | Geranylgeranylacetone Blocks Doxorubicin-Induced Cardiac Toxicity and Reduces Cancer Cell Growth and Invasion through RHO Pathway Inhibition. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1717-1728.  | 4.1  | 12        |
| 12 | Regulatory Forum Opinion Piece*: Imaging Applications in Toxicologic Pathology—Recommendations for Use in Regulated Nonclinical Toxicity Studies. <i>Toxicologic Pathology</i> , 2017, 45, 444-471.  | 1.8  | 12        |
| 13 | In Vivo Imaging With Confirmation by Histopathology for Increased Rigor and Reproducibility in Translational Research: A Review of Examples, Options, and Resources. <i>ILAR Journal</i> , 2018, 59, 80-98.  | 1.8  | 12        |
| 14 | Echocardiographic Characterization of a Murine Model of Hypertrophic Obstructive Cardiomyopathy Induced by Cardiac-specific Overexpression of Epidermal Growth Factor Receptor 2. <i>Comparative Medicine</i> , 2016, 66, 268-77.                          | 1.0  | 8         |
| 15 | Prenatal stress enhances NNK-induced lung tumors in A/J mice. <i>Carcinogenesis</i> , 2020, 41, 1713-1723.   | 2.8  | 4         |
| 16 | An Fc-Small Molecule Conjugate for Targeted Inhibition of the Adenosine $2\text{A}$ Receptor. <i>ChemBioChem</i> , 2016, 17, 1951-1960.  | 2.6  | 1         |
| 17 | Animal Models of Prenatal Stress. <i>Juntendo Medical Journal</i> , 2021, 67, 124-130.   | 0.1  | 1         |
| 18 | In Vivo Small Animal Imaging: A Comparison to Gross and Histopathologic Observations in Animal Models. , 2022, , 423-457.  |      | 0         |