

Paul Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,511
citations

218677

26
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

6126
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prostate-specific membrane antigen PET-CT in patients with high-risk prostate cancer before curative-intent surgery or radiotherapy (proPSMA): a prospective, randomised, multicentre study. <i>Lancet, The</i> , 2020, 395, 1208-1216. | 13.7 | 1,108 |
| 2 | A low affinity Ca ²⁺ receptor controls the final steps in peptide secretion from pituitary melanotrophs. <i>Neuron</i> , 1993, 11, 93-104. | 8.1 | 245 |
| 3 | An influx of extracellular calcium is required for initiation of the human sperm acrosome reaction induced by human follicular fluid. <i>Gamete Research</i> , 1988, 20, 397-411. | 1.7 | 214 |
| 4 | Cytosolic Ca ²⁺ , exocytosis, and endocytosis in single melanotrophs of the rat pituitary. <i>Neuron</i> , 1990, 5, 723-733. | 8.1 | 212 |
| 5 | A triggered mechanism retrieves membrane in seconds after Ca(2+)-stimulated exocytosis in single pituitary cells. <i>Journal of Cell Biology</i> , 1994, 124, 667-675. | 5.2 | 172 |
| 6 | Experimental heatwaves compromise sperm function and cause transgenerational damage in a model insect. <i>Nature Communications</i> , 2018, 9, 4771. | 12.8 | 163 |
| 7 | Rapid transbilayer diffusion of 1,2-diacylglycerol and its relevance to control of membrane curvature. <i>Nature</i> , 1978, 276, 289-290. | 27.8 | 157 |
| 8 | Release of spectrin-free spicules on reoxygenation of sickled erythrocytes. <i>Nature</i> , 1982, 295, 612-613. | 27.8 | 157 |
| 9 | Sifting through the surfeit of neuroinflammation tracers. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 204-224. | 4.3 | 92 |
| 10 | Genetic Biocontrol for Invasive Species. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 452. | 4.1 | 78 |
| 11 | Localized Intracellular pH Measurement Using a Ratiometric Photoinduced Electron Transfer-Based Nanosensor. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9657-9661. | 13.8 | 67 |
| 12 | Traffic related air pollution and development and persistence of asthma and low lung function. <i>Environment International</i> , 2018, 113, 170-176. | 10.0 | 64 |
| 13 | Autophagy and formation of tubulovesicular autophagosomes provide a barrier against nonviral gene delivery. <i>Autophagy</i> , 2013, 9, 667-682. | 9.1 | 54 |
| 14 | ⁶⁸ Ga-PSMA PET/CT tumour intensity pre-operatively predicts adverse pathological outcomes and progression-free survival in localised prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 477-482. | 6.4 | 54 |
| 15 | Microvesicles from Sickle Erythrocytes and their Relation to Irreversible Sickling. <i>British Journal of Haematology</i> , 1981, 47, 383-390. | 2.5 | 45 |
| 16 | Ninein is essential for apico-basal microtubule formation and CLIP-170 facilitates its redeployment to non-centrosomal microtubule organizing centres. <i>Open Biology</i> , 2017, 7, 160274. | 3.6 | 45 |
| 17 | Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 387-396. | 10.7 | 42 |
| 18 | A Y-chromosome shredding gene drive for controlling pest vertebrate populations. <i>ELife</i> , 2019, 8, . | 6.0 | 42 |

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|----|---|-----|-----------|
| 19 | Singlet oxygen generation using a porous monolithic polymer supported photosensitizer: potential application to the photodynamic destruction of melanoma cells. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 37-44. | 2.9 | 38 |
| 20 | Rodent gene drives for conservation: opportunities and data needs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191606. | 2.6 | 38 |
| 21 | Limited breakdown of cytoskeletal proteins by an endogenous protease controls Ca ²⁺ -induced membrane fusion events in chicken erythrocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 730, 351-358. | 2.6 | 37 |
| 22 | The microtubule end-binding protein EB2 is a central regulator of microtubule reorganisation in apico-basal epithelial differentiation. <i>Journal of Cell Science</i> , 2013, 126, 4000-14. | 2.0 | 37 |
| 23 | Real-time studies of zymogen granule exocytosis in intact rat pancreatic acinar cells. <i>Journal of Physiology</i> , 2000, 528, 317-326. | 2.9 | 36 |
| 24 | PET motion correction in context of integrated PET/MR: Current techniques, limitations, and future projections. <i>Medical Physics</i> , 2017, 44, e430-e445. | 3.0 | 31 |
| 25 | Evidence suggesting a role for sperm metalloendoprotease activity in penetration of zona-free hamster eggs by human sperm. <i>The Journal of Experimental Zoology</i> , 1988, 248, 213-221. | 1.4 | 28 |
| 26 | Identification of SNAREs that mediate zymogen granule exocytosis. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 599-603. | 2.1 | 26 |
| 27 | Fluorescence of 1,2-Diaminoanthraquinone and its Nitric Oxide Reaction Product within Macrophage Cells. <i>ChemBioChem</i> , 2011, 12, 2471-2477. | 2.6 | 26 |
| 28 | Gene drives for vertebrate pest control: Realistic spatial modelling of eradication probabilities and times for island mouse populations. <i>Molecular Ecology</i> , 2022, 31, 1907-1923. | 3.9 | 20 |
| 29 | The role of dual tracer PSMA and FDG PET/CT in renal cell carcinoma (RCC) compared to conventional imaging: A multi-institutional case series with intra-individual comparison. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 66.e1-66.e9. | 1.6 | 20 |
| 30 | Microvesiculation and sphingomyelinase activation in chicken erythrocytes treated with ionophore A23187 and Ca ²⁺ . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1982, 693, 53-67. | 2.6 | 19 |
| 31 | Two independently regulated secretory pathways in mast cells. <i>Journal of Physiology (Paris)</i> , 1993, 87, 203-208. | 2.1 | 18 |
| 32 | Modulation of stimulus-secretion coupling in single rat gonadotrophs. <i>Journal of Physiology</i> , 1997, 504, 705-719. | 2.9 | 17 |
| 33 | Exocytosis and its control at the synapse. <i>Current Opinion in Neurobiology</i> , 1992, 2, 308-311. | 4.2 | 16 |
| 34 | Two Modes of Secretion in Pancreatic Acinar Cells. <i>Current Biology</i> , 2002, 12, 211-215. | 3.9 | 10 |
| 35 | Acetylcholine-Induced Zymogen Granule Exocytosis: Comparison Between Acini and Single Pancreatic Acinar Cells. <i>Pancreas</i> , 2002, 24, 179-183. | 1.1 | 8 |
| 36 | Early Prediction of Treatment Response in Advanced Gliomas with 18F-dopa Positron-Emission Tomography. <i>Current Oncology</i> , 2014, 21, 172-178. | 2.2 | 8 |

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|----|---|------|-----------|
| 37 | Characterization of tumor thrombus in renal cell carcinoma with prostate specific membrane antigen (PSMA) positron emission tomography (PET)/computed tomography (CT). <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 276.e1-276.e9. | 1.6 | 8 |
| 38 | A photoinduced electron transfer-based nanoprobe as a marker of acidic organelles in mammalian cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6197-6207. | 3.7 | 7 |
| 39 | Atlas Toolkit: Fast registration of 3D morphological datasets in the absence of landmarks. <i>Scientific Reports</i> , 2016, 6, 20732. | 3.3 | 7 |
| 40 | Imaging of compartmentalised intracellular nitric oxide, induced during bacterial phagocytosis, using a metalloproteinâ€“gold nanoparticle conjugate. <i>Analyt, The</i> , 2017, 142, 4099-4105. | 3.5 | 7 |
| 41 | Tetrabutylammonium: a selective blocker of the somatostatin-activated hyperpolarizing current in mouse AtT-20 corticotrophs. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 441, 816-823. | 2.8 | 6 |
| 42 | The BMP antagonist gremlin 1 contributes to the development of cortical excitatory neurons, motor balance and fear responses. <i>Development (Cambridge)</i> , 2021, 148, . | 2.5 | 6 |
| 43 | A highly photostable and versatile two-photon fluorescent probe for the detection of a wide range of intracellular nitric oxide concentrations in macrophages and endothelial cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112512. | 3.8 | 6 |
| 44 | Parental preconception BMI trajectories from childhood to adolescence and asthma in the future offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2022, , . | 2.9 | 5 |
| 45 | Potential Use of Biomarkers for the Clinical Evaluation of Sarcoidosis. <i>Journal of Investigative Medicine</i> , 2021, 69, 804-813. | 1.6 | 4 |
| 46 | High SUVmax on routine pre-operative FDG-PET predicts early recurrence in pancreatic and peri-ampullary cancer. <i>Hpb</i> , 2022, , . | 0.3 | 3 |
| 47 | [18F]GE-180 PET/CT assessment of enterocytic translocator protein (TSPO) over-expression: a pilot study in gastrointestinal GVHD. <i>Bone Marrow Transplantation</i> , 2022, 57, 517-519. | 2.4 | 3 |
| 48 | Mitochondria play a critical role in shaping the exocytotic response of rat pancreatic acinar cells. <i>Cell Calcium</i> , 2006, 39, 57-63. | 2.4 | 2 |
| 49 | A new species of <i>Asthenocotyle</i> Robinson, 1961 (Monogenea: Microbothriidae), a skin parasite of the great lanternshark <i>Etmopterus princeps</i> Collett from the Azores, with a redescription of <i>A. raikourensis</i> Robinson, 1961 and observations on <i>A. taranakiensis</i> Beverley-Burton, Klassen & Lester, 1987. <i>Systematic Parasitology</i> , 2012, 83, 145-158. | 1.1 | 1 |
| 50 | Federated optimisation of kinetic analysis problems. <i>Medical Image Analysis</i> , 2017, 35, 116-132. | 11.6 | 0 |