

Tony Ng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9045633/tony-ng-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

5,786
citations

38
h-index

74
g-index

149
ext. papers

6,625
ext. citations

7.1
avg, IF

5.11
L-index

#	Paper	IF	Citations
138	Osimertinib and anti-HER3 combination therapy engages immune dependent tumor toxicity via STING activation in trans.. <i>Cell Death and Disease</i> , 2022 , 13, 274	9.8	2
137	In vivo imaging of microenvironmental and anti-PD-L1-mediated dynamics in cancer using S100A8/S100A9 as an imaging biomarker.. <i>Neoplasia</i> , 2022 , 28, 100792	6.4	0
136	Drug delivery, biodistribution and anti-EGFR activity: theragnostic nanoparticles for simultaneous delivery of tyrosine kinase inhibitors and kinase activity biosensors. <i>Nanoscale</i> , 2021 , 13, 18520-18535	7.7	0
135	Macrophages orchestrate the expansion of a proangiogenic perivascular niche during cancer progression. <i>Science Advances</i> , 2021 , 7, eabg9518	14.3	2
134	Evaluation of PSA and PSA Density in a Multiparametric Magnetic Resonance Imaging-Directed Diagnostic Pathway for Suspected Prostate Cancer: The INNOVATE Trial. <i>Cancers</i> , 2021 , 13,	6.6	1
133	Introduction to the National Cancer Imaging Translational Accelerator (NCITA): a UK-wide infrastructure for multicentre clinical translation of cancer imaging biomarkers. <i>British Journal of Cancer</i> , 2021 , 125, 1462-1465	8.7	2
132	Acute Immune Signatures and Their Legacies in Severe Acute Respiratory Syndrome Coronavirus-2 Infected Cancer Patients. <i>Cancer Cell</i> , 2021 , 39, 257-275.e6	24.3	50
131	Systemic immune reaction in axillary lymph nodes adds to tumor-infiltrating lymphocytes in triple-negative breast cancer prognostication. <i>Npj Breast Cancer</i> , 2021 , 7, 86	7.8	1
130	An In-Depth Review of Niraparib in Ovarian Cancer: Mechanism of Action, Clinical Efficacy and Future Directions. <i>Oncology and Therapy</i> , 2021 , 9, 347-364	2.7	1
129	Insights Into Unveiling a Potential Role of Tertiary Lymphoid Structures in Metastasis. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 661516	5.6	1
128	Radiation therapy and the innate immune response: Clinical implications for immunotherapy approaches. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 1726-1735	3.8	9
127	A small molecule inhibitor of HER3: a proof-of-concept study. <i>Biochemical Journal</i> , 2020 , 477, 3329-3347	3.8	6
126	Complex interrelationships between nitro-alkene-dependent inhibition of soluble epoxide hydrolase, inflammation and tumor growth. <i>Redox Biology</i> , 2020 , 29, 101405	11.3	4
125	HER2-HER3 Heterodimer Quantification by FRET-FLIM and Patient Subclass Analysis of the COIN Colorectal Trial. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 944-954	9.7	7
124	Breast cancer-associated macrophages promote tumorigenesis by suppressing succinate dehydrogenase in tumor cells. <i>Science Signaling</i> , 2020 , 13,	8.8	16
123	Integrin-Mediated Macrophage Adhesion Promotes Lymphovascular Dissemination in Breast Cancer. <i>Cell Reports</i> , 2019 , 27, 1967-1978.e4	10.6	33
122	Pleiotropic Role and Bidirectional Immunomodulation of Innate Lymphoid Cells in Cancer. <i>Frontiers in Immunology</i> , 2019 , 10, 3111	8.4	14

121	Localising occult prostate cancer metastasis with advanced imaging techniques (LOCATE trial): a prospective cohort, observational diagnostic accuracy trial investigating whole-body magnetic resonance imaging in radio-recurrent prostate cancer. <i>BMC Medical Imaging</i> , 2019 , 19, 90	2.9	6
120	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. <i>ELife</i> , 2018 , 7,	8.9	36
119	Macrophages are exploited from an innate wound healing response to facilitate cancer metastasis. <i>Nature Communications</i> , 2018 , 9, 2951	17.4	44
118	ALIX Regulates Tumor-Mediated Immunosuppression by Controlling EGFR Activity and PD-L1 Presentation. <i>Cell Reports</i> , 2018 , 24, 630-641	10.6	53
117	In Vivo Imaging of Pro- and Antitumoral Cellular Components of the Tumor Microenvironment. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 183-188	8.9	16
116	ROR β Innate Lymphoid Cells Promote Lymph Node Metastasis of Breast Cancers. <i>Cancer Research</i> , 2017 , 77, 1083-1096	10.1	71
115	Detecting intratumoral heterogeneity of EGFR activity by liposome-based in vivo transfection of a fluorescent biosensor. <i>Oncogene</i> , 2017 , 36, 3618-3628	9.2	10
114	[F]tetrafluoroborate-PET/CT enables sensitive tumor and metastasis in vivo imaging in a sodium iodide symporter-expressing tumor model. <i>Scientific Reports</i> , 2017 , 7, 946	4.9	35
113	Integrating imaging, exosome and protein network rewiring information to track early tumour evolution of resistance mechanisms. <i>Convergent Science Physical Oncology</i> , 2017 , 3, 013004		4
112	Association between hypoxic volume and underlying hypoxia-induced gene expression in oropharyngeal squamous cell carcinoma. <i>British Journal of Cancer</i> , 2017 , 116, 1057-1064	8.7	19
111	MET-EGFR dimerization in lung adenocarcinoma is dependent on EGFR mtations and altered by MET kinase inhibition. <i>PLoS ONE</i> , 2017 , 12, e0170798	3.7	10
110	Gene expression modules in primary breast cancers as risk factors for organotropic patterns of first metastatic spread: a case control study. <i>Breast Cancer Research</i> , 2017 , 19, 113	8.3	3
109	Probing the Heterogeneity of Protein Kinase Activation in Cells by Super-resolution Microscopy. <i>ACS Nano</i> , 2017 , 11, 249-257	16.7	12
108	Imaging biomarker roadmap for cancer studies. <i>Nature Reviews Clinical Oncology</i> , 2017 , 14, 169-186	19.4	532
107	Feedback activation of HER3 attenuates response to EGFR inhibitors in colon cancer cells. <i>Oncotarget</i> , 2017 , 8, 4277-4288	3.3	14
106	Visualization of Tumor-Immune Interaction - Target-Specific Imaging of S100A8/A9 Reveals Pre-Metastatic Niche Establishment. <i>Theranostics</i> , 2017 , 7, 2392-2401	12.1	58
105	Stratifying Cancer Therapies by Molecular Interactions and Imaging 2017 , 315-358		1
104	INNOVATE: A prospective cohort study combining serum and urinary biomarkers with novel diffusion-weighted magnetic resonance imaging for the prediction and characterization of prostate cancer. <i>BMC Cancer</i> , 2016 , 16, 816	4.8	26

103	c-Met PET Imaging Detects Early-Stage Locoregional Recurrence of Basal-Like Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 765-70	8.9	17
102	HER2-HER3 dimer quantification by FLIM-FRET predicts breast cancer metastatic relapse independently of HER2 IHC status. <i>Oncotarget</i> , 2016 , 7, 51012-51026	3.3	22
101	Crosstalk between Innate Lymphoid Cells and Other Immune Cells in the Tumor Microenvironment. <i>Journal of Immunology Research</i> , 2016 , 2016, 7803091	4.5	14
100	Associations of C-Reactive Protein, Granulocytes and Granulocyte-to-Lymphocyte Ratio with Mortality from Breast Cancer in Non-Institutionalized American Women. <i>PLoS ONE</i> , 2016 , 11, e0157482	3.7	7
99	Investigating the association between allergen-specific immunoglobulin E, cancer risk and survival. <i>Oncolimmunology</i> , 2016 , 5, e1154250	7.2	23
98	Serum leptin, C-reactive protein, and cancer mortality in the NHANES III. <i>Cancer Medicine</i> , 2016 , 5, 120-8	4.8	19
97	Quantification of HER family receptors in breast cancer. <i>Breast Cancer Research</i> , 2015 , 17, 53	8.3	30
96	Apoptin interacts with and regulates the activity of protein kinase C beta in cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 831-42	5.4	10
95	Fluorescence axial nanotomography with plasmonics. <i>Faraday Discussions</i> , 2015 , 178, 371-81	3.6	2
94	Deficient angiogenesis in redox-dead Cys17Ser PKARI β knock-in mice. <i>Nature Communications</i> , 2015 , 6, 7920	17.4	36
93	Serum lactate dehydrogenase and survival following cancer diagnosis. <i>British Journal of Cancer</i> , 2015 , 113, 1389-96	8.7	43
92	Toward operative in vivo fluorescence imaging of the c-Met proto-oncogene for personalization of therapy in ovarian cancer. <i>Cancer</i> , 2015 , 121, 202-13	6.4	10
91	Time-domain microfluidic fluorescence lifetime flow cytometry for high-throughput Förster resonance energy transfer screening. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015 , 87, 104-18	4.6	27
90	T6 MET targeted therapy in Lung adenocarcinoma: Does Resistant EGFR make a MET-responsive dimer?. <i>Thorax</i> , 2015 , 70, A3.2-A5	7.3	1
89	Effect of phosphorylation on EGFR dimer stability probed by single-molecule dynamics and FRET/FLIM. <i>Biophysical Journal</i> , 2015 , 108, 1013-26	2.9	31
88	A high speed multifocal multiphoton fluorescence lifetime imaging microscope for live-cell FRET imaging. <i>Biomedical Optics Express</i> , 2015 , 6, 277-96	3.5	85
87	Precision medicine for prostate cancer. <i>Expert Review of Anticancer Therapy</i> , 2014 , 14, 1305-15	3.5	10
86	C2c: turning cancer into chronic disease. <i>Genome Medicine</i> , 2014 , 6, 38	14.4	12

85	A whole-body dual-modality radionuclide optical strategy for preclinical imaging of metastasis and heterogeneous treatment response in different microenvironments. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 686-94	8.9	41
84	The use of molecular imaging combined with genomic techniques to understand the heterogeneity in cancer metastasis. <i>British Journal of Radiology</i> , 2014 , 87, 20140065	3.4	28
83	A role for the pseudokinase HER3 in the acquired resistance against EGFR- and HER2-directed targeted therapy. <i>Biochemical Society Transactions</i> , 2014 , 42, 831-6	5.1	20
82	Imaging tumour heterogeneity of the consequences of a PKC β substrate interaction in breast cancer patients. <i>Biochemical Society Transactions</i> , 2014 , 42, 1498-505	5.1	10
81	The Gray Institute open microscopes applied to radiobiology and protein interaction studies 2014 ,		5
80	Memory effects in biochemical networks as the natural counterpart of extrinsic noise. <i>Journal of Theoretical Biology</i> , 2014 , 357, 245-67	2.3	10
79	Functional implications of assigned, assumed and assembled PKC structures. <i>Biochemical Society Transactions</i> , 2014 , 42, 35-41	5.1	4
78	The ErbB4 CYT2 variant protects EGFR from ligand-induced degradation to enhance cancer cell motility. <i>Science Signaling</i> , 2014 , 7, ra78	8.8	28
77	Antagonism of EGFR and HER3 enhances the response to inhibitors of the PI3K-Akt pathway in triple-negative breast cancer. <i>Science Signaling</i> , 2014 , 7, ra29	8.8	93
76	Steady-state acceptor fluorescence anisotropy imaging under evanescent excitation for visualisation of FRET at the plasma membrane. <i>PLoS ONE</i> , 2014 , 9, e110695	3.7	9
75	The use of molecular imaging combined with genomic techniques to understand the heterogeneity in cancer metastasis. <i>BJR case Reports</i> , 2014 , 1, 20140065	0.7	
74	3D super-resolution imaging with blinking quantum dots. <i>Nano Letters</i> , 2013 , 13, 5233-41	11.5	86
73	Plasmon-Assisted Super-Resolution Axial Distance Sensitivity in Fluorescence Cell Imaging. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3402-3406	6.4	16
72	BRCA1 mutations and luminal-basal transformation. <i>Oncogene</i> , 2013 , 32, 2712-4	9.2	1
71	Multifocal multiphoton microscopy with adaptive optical correction 2013 ,		7
70	Direct Response Analysis in cellular signalling networks. <i>Journal of Theoretical Biology</i> , 2012 , 304, 219-25.	3	
69	NMR metabolomics of MTLn3E breast cancer cells identifies a role for CXCR4 in lipid and choline regulation. <i>Journal of Proteome Research</i> , 2012 , 11, 2996-3003	5.6	30
68	Profiling the immune stromal interface in breast cancer and its potential for clinical impact. <i>Breast Care</i> , 2012 , 7, 273-80	2.4	6

67	A multi-functional imaging approach to high-content protein interaction screening. <i>PLoS ONE</i> , 2012 , 7, e33231	3.7	23
66	Lipid chain geometry of C14 glycerol-based lipids: effect on lipoplex structure and transfection. <i>Molecular BioSystems</i> , 2011 , 7, 422-36		7
65	Lipopolyplex ternary delivery systems incorporating C14 glycerol-based lipids. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1831-47	5.6	14
64	DART: Denoising Algorithm based on Relevance network Topology improves molecular pathway activity inference. <i>BMC Bioinformatics</i> , 2011 , 12, 403	3.6	22
63	How FRET resonance energy transfer imaging improves the understanding of protein interaction networks in cancer biology. <i>ChemPhysChem</i> , 2011 , 12, 442-61	3.2	44
62	The challenges of integrating molecular imaging into the optimization of cancer therapy. <i>Integrative Biology (United Kingdom)</i> , 2011 , 3, 603-31	3.7	12
61	Two-photon 3D FIONA of individual quantum dots in an aqueous environment. <i>Nano Letters</i> , 2011 , 11, 4074-8	11.5	36
60	A targeted siRNA screen identifies regulators of Cdc42 activity at the natural killer cell immunological synapse. <i>Science Signaling</i> , 2011 , 4, ra81	8.8	40
59	Using adaptive optics for deep in-vivo multiphoton FLIM 2011 ,		2
58	RhoA and RhoC have distinct roles in migration and invasion by acting through different targets. <i>Journal of Cell Biology</i> , 2011 , 193, 655-65	7.3	202
57	Time-lapse FRET microscopy using fluorescence anisotropy. <i>Journal of Microscopy</i> , 2010 , 237, 51-62	1.9	33
56	Kinase-mediated quasi-dimers of EGFR. <i>FASEB Journal</i> , 2010 , 24, 4744-55	0.9	43
55	Coordinated RhoA signaling at the leading edge and uropod is required for T cell transendothelial migration. <i>Journal of Cell Biology</i> , 2010 , 190, 553-63	7.3	98
54	Proapoptotic kinase MST2 coordinates signaling crosstalk between RASSF1A, Raf-1, and Akt. <i>Cancer Research</i> , 2010 , 70, 1195-203	10.1	79
53	A cellular screening assay using analysis of metal-modified fluorescence lifetime. <i>Biophysical Journal</i> , 2010 , 98, 2752-7	2.9	24
52	Fluorescence lifetime endoscopy using TCSPC for the measurement of FRET in live cells. <i>Optics Express</i> , 2010 , 18, 11148-58	3.3	41
51	New regulators of the BRCA1 response to genotoxic stress. <i>Breast Cancer Research</i> , 2010 , 12,	8.3	1
50	Visualisation of signalling in immune cells. <i>Methods in Molecular Biology</i> , 2010 , 616, 97-113	1.4	7

49	Kinase-mediated quasi-dimers of EGFR. <i>FASEB Journal</i> , 2010 , 24, 4744-4755	0.9	3
48	Coordinated RhoA signaling at the leading edge and uropod is required for T cell transendothelial migration. <i>Journal of Experimental Medicine</i> , 2010 , 207, i25-i25	16.6	
47	Deep-tissue multiphoton fluorescence lifetime microscopy for intravital imaging of protein-protein interactions 2009 ,		5
46	Reduced proliferation and enhanced migration: two sides of the same coin? Molecular mechanisms of metastatic progression by YB-1. <i>Cell Cycle</i> , 2009 , 8, 2901-6	4.7	98
45	Integrating receptor signal inputs that influence small Rho GTPase activation dynamics at the immunological synapse. <i>Molecular and Cellular Biology</i> , 2009 , 29, 2997-3006	4.8	36
44	From autoinhibition to inhibition in trans: the Raf-1 regulatory domain inhibits Rok-alpha kinase activity. <i>Journal of Cell Biology</i> , 2009 , 187, 335-42	7.3	37
43	An unbiased screen identifies DEP-1 tumor suppressor as a phosphatase controlling EGFR endocytosis. <i>Current Biology</i> , 2009 , 19, 1788-98	6.3	90
42	The potential of optical proteomic technologies to individualize prognosis and guide rational treatment for cancer patients. <i>Targeted Oncology</i> , 2009 , 4, 235-52	5	46
41	The SUMO modification pathway is involved in the BRCA1 response to genotoxic stress. <i>Nature</i> , 2009 , 462, 886-90	50.4	326
40	Multiphoton time-domain fluorescence lifetime imaging microscopy: practical application to protein-protein interactions using global analysis. <i>Journal of the Royal Society Interface</i> , 2009 , 6,	4.1	96
39	Stabilized integrin-targeting ternary LPD (lipopolyplex) vectors for gene delivery designed to disassemble within the target cell. <i>Bioconjugate Chemistry</i> , 2009 , 20, 518-32	6.3	37
38	High-throughput optical proteomics and breast cancer patient profiling: novel applications to individualise prognosis and treatment. <i>Breast Cancer Research</i> , 2008 , 10,	8.3	78
37	A high-content screening platform utilizing polarization anisotropy and FLIM microscopy 2008 ,		1
36	satFRET: estimation of Förster resonance energy transfer by acceptor saturation. <i>European Biophysics Journal</i> , 2008 , 38, 69-82	1.9	34
35	A facile route to CdTe nanoparticles and their use in bio-labelling. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1989		79
34	Regulation of protein tyrosine phosphatase 1B by sumoylation. <i>Nature Cell Biology</i> , 2007 , 9, 80-5	23.4	91
33	Time-correlated single-photon counting fluorescence lifetime confocal imaging of decayed and sound dental structures with a white-light supercontinuum source. <i>Journal of Microscopy</i> , 2007 , 225, 126-36	1.9	20
32	Differential activation of the PI 3-kinase effectors AKT/PKB and p70 S6 kinase by compound 48/80 is mediated by PKCalpha. <i>Cellular Signalling</i> , 2007 , 19, 321-9	4.9	12

31	An active Src kinase-beta-actin association is linked to actin dynamics at the periphery of colon cancer cells. <i>Experimental Cell Research</i> , 2007 , 313, 3175-88	4.2	17
30	Activated ezrin promotes cell migration through recruitment of the GEF Dbl to lipid rafts and preferential downstream activation of Cdc42. <i>Molecular Biology of the Cell</i> , 2007 , 18, 2935-48	3.5	79
29	Imaging proteins in vivo using fluorescence lifetime microscopy. <i>Molecular BioSystems</i> , 2007 , 3, 381-91		108
28	Scanning total internal reflection fluorescence imaging 2006 , 6089, 41		
27	Silencing of EphA3 through a cis interaction with ephrinA5. <i>Nature Neuroscience</i> , 2006 , 9, 322-30	25.5	148
26	Multiphoton-FLIM quantification of the EGFP-mRFP1 FRET pair for localization of membrane receptor-kinase interactions. <i>Biophysical Journal</i> , 2005 , 88, 1224-37	2.9	174
25	Spatially distinct binding of Cdc42 to PAK1 and N-WASP in breast carcinoma cells. <i>Molecular and Cellular Biology</i> , 2005 , 25, 1680-95	4.8	84
24	Imaging protein-protein interactions by multiphoton FLIM 2003 ,		9
23	Time-resolved multiphoton imaging of the interaction between the PKC and the NFB signalling pathways 2003 , 5139, 216		1
22	Integrin-protein kinase C relationships. <i>Biochemical Society Transactions</i> , 2003 , 31, 90-3	5.1	27
21	Use of acceptor fluorescence for determining FRET lifetimes 2003 , 5139, 88		0
20	Interaction of fascin and protein kinase Calpha: a novel intersection in cell adhesion and motility. <i>EMBO Journal</i> , 2003 , 22, 5390-402	13	104
19	Intraperitoneal rituximab: an effective measure to control recurrent abdominal ascites due to non-Hodgkin's lymphoma. <i>Annals of Hematology</i> , 2002 , 81, 405-6	3	11
18	A novel PKC-regulated mechanism controls CD44 ezrin association and directional cell motility. <i>Nature Cell Biology</i> , 2002 , 4, 399-407	23.4	201
17	Site-directed perturbation of protein kinase C- integrin interaction blocks carcinoma cell chemotaxis. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5897-911	4.8	99
16	Intracellular coupling of adhesion receptors: molecular proximity measurements. <i>Methods in Cell Biology</i> , 2002 , 69, 261-78	1.8	11
15	Protein kinase C. <i>Biochemical Society Transactions</i> , 2001 , 29, A104-A104	5.1	
14	Warfarin-induced skin necrosis associated with Factor V Leiden and protein S deficiency. <i>International Journal of Laboratory Hematology</i> , 2001 , 23, 261-4		14

13	Ezrin is a downstream effector of trafficking PKC-integrin complexes involved in the control of cell motility. <i>EMBO Journal</i> , 2001 , 20, 2723-41	13	226
12	Lipid rafts act as specialized domains for tetanus toxin binding and internalization into neurons. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2947-60	3.5	142
11	Catastrophic arterial thromboembolism associated with factor V Leiden. <i>European Journal of Vascular and Endovascular Surgery</i> , 2000 , 19, 551-3	2.3	9
10	Non-caseating granulomata associated with hypocellular myelodysplastic syndrome. <i>Leukemia and Lymphoma</i> , 2000 , 39, 397-403	1.9	2
9	Colchicine: an effective treatment for refractory malignant pericardial effusion. <i>Acta Haematologica</i> , 2000 , 104, 217-9	2.7	5
8	Integrin signalling defects in T-lymphocytes in systemic lupus erythematosus. <i>Lupus</i> , 1999 , 8, 39-51	2.6	6
7	PKCalpha regulates beta1 integrin-dependent cell motility through association and control of integrin traffic. <i>EMBO Journal</i> , 1999 , 18, 3909-23	13	294
6	Imaging protein kinase Calpha activation in cells. <i>Science</i> , 1999 , 283, 2085-9	33.3	278
5	Separation and maintenance of primary T- and B-lymphocytes. <i>Methods in Molecular Biology</i> , 1997 , 75, 91-100	1.4	2
4	T Cell Costimulation by Derivatives of Benzoic Acid. <i>Antiviral Chemistry and Chemotherapy</i> , 1997 , 8, 121-139	3.9	14
3	Desensitization of the inflammatory response in humans: changes in response to cardiopulmonary bypass. <i>Shock</i> , 1997 , 8, 159-64	3.4	3
2	Erythrocyte sedimentation rate, plasma viscosity and C-reactive protein in clinical practice. <i>British Journal of Hospital Medicine</i> , 1997 , 58, 521-3		6
1	Macrophages orchestrate the expansion of a pro-angiogenic perivascular niche during cancer progression		1