

Benny Abraham Kaipparettu

List of Publications by Year in Descending Order

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Version: 2024-04-26

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

43
papers

4,028
citations

25
h-index

50
g-index

50
ext. papers

4,746
ext. citations

9.4
avg, IF

4.75
L-index

#	Paper	IF	Citations
43	A mechanistic modeling framework reveals the key principles underlying tumor metabolism.. <i>PLoS Computational Biology</i> , 2022 , 18, e1009841	5	0
42	Abstract P5-05-06: Metformin concentration is a deciding factor of its pro- or anti-tumor function in triple negative breast cancer. <i>Cancer Research</i> , 2022 , 82, P5-05-06-P5-05-06	10.1	
41	Frequency upconversion, paramagnetic behavior and biocompatibility of Gd ₂ O ₃ :Er ³⁺ /Yb ³⁺ nanorods. <i>Journal of Photochemistry and Photobiology</i> , 2021 , 100081	0.8	0
40	Towards decoding the coupled decision-making of metabolism and epithelial-to-mesenchymal transition in cancer. <i>British Journal of Cancer</i> , 2021 , 124, 1902-1911	8.7	14
39	Targeting Mitochondrial Damage as a Therapeutic for Ileal Crohn's Disease. <i>Cells</i> , 2021 , 10,	7.9	2
38	Ataxia-telangiectasia mutated interacts with Parkin and induces mitophagy independent of kinase activity. Evidence from mantle cell lymphoma. <i>Haematologica</i> , 2021 , 106, 495-512	6.6	10
37	Patient-derived iPSCs link elevated mitochondrial respiratory complex I function to osteosarcoma in Rothmund-Thomson syndrome.. <i>PLoS Genetics</i> , 2021 , 17, e1009971	6	3
36	Assessing Therapeutic Efficacy in Real-time by Hyperpolarized Magnetic Resonance Metabolic Imaging. <i>Cells</i> , 2019 , 8,	7.9	10
35	TP53 Status as a Determinant of Pro- vs Anti-Tumorigenic Effects of Estrogen Receptor-Beta in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 1202-1215	9.7	26
34	Elucidating cancer metabolic plasticity by coupling gene regulation with metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3909-3918	11.5	138
33	Aerobic Plus Resistance Exercise in Obese Older Adults Improves Muscle Protein Synthesis and Preserves Myocellular Quality Despite Weight Loss. <i>Cell Metabolism</i> , 2019 , 30, 261-273.e6	24.6	31
32	Therapeutic inhibition of mTORC2 rescues the behavioral and neurophysiological abnormalities associated with Pten-deficiency. <i>Nature Medicine</i> , 2019 , 25, 1684-1690	50.5	37
31	Fluorinated Boron Nitride Quantum Dots: A New OD Material for Energy Conversion and Detection of Cellular Metabolism. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1800346	3.1	6
30	GLUT12 promotes prostate cancer cell growth and is regulated by androgens and CaMKK2 signaling. <i>Endocrine-Related Cancer</i> , 2018 , 25, 453-469	5.7	28
29	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. <i>Cells</i> , 2018 , 7,	7.9	104
28	Poly-albumen: Bio-derived structural polymer from polymerized egg white. <i>Materials Today Chemistry</i> , 2018 , 9, 73-79	6.2	6
27	c-Src mediates intestinal stem cell response to high fat diet. <i>FASEB Journal</i> , 2018 , 32, 759.2	0.9	

26	Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1283-1299	15.9	93
25	Modeling the Genetic Regulation of Cancer Metabolism: Interplay between Glycolysis and Oxidative Phosphorylation. <i>Cancer Research</i> , 2017 , 77, 1564-1574	10.1	142
24	Multifunctional Hybrids Based on 2D Fluorinated Graphene Oxide and Superparamagnetic Iron Oxide Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700245	3.1	5
23	Tunable luminescence from two dimensional BCNO nanophosphor for high-contrast cellular imaging. <i>RSC Advances</i> , 2017 , 7, 41486-41494	3.7	6
22	B-cell Receptor Signaling Regulates Metabolism in Chronic Lymphocytic Leukemia. <i>Molecular Cancer Research</i> , 2017 , 15, 1692-1703	6.6	23
21	Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. <i>Cancer Prevention Research</i> , 2017 , 10, 588-597	3.2	34
20	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. <i>Nature Communications</i> , 2016 , 7, 11612	17.4	44
19	Bifunctional Luminomagnetic Rare-Earth Nanorods for High-Contrast Bioimaging Nanoprobes. <i>Scientific Reports</i> , 2016 , 6, 32401	4.9	27
18	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016 , 14, 2476-89	10.6	228
17	Fatty Acid Oxidation-Driven Src Links Mitochondrial Energy Reprogramming and Oncogenic Properties in Triple-Negative Breast Cancer. <i>Cell Reports</i> , 2016 , 14, 2154-2165	10.6	159
16	The autophagy inhibitor chloroquine targets cancer stem cells in triple negative breast cancer by inducing mitochondrial damage and impairing DNA break repair. <i>Cancer Letters</i> , 2016 , 376, 249-58	9.9	73
15	Eu doped Bismuth gadolinium fluoride luminomagnetic nanophosphor as a bimodal nanoprobes for high-contrast bioimaging and external magnetic field tracking applications. <i>RSC Advances</i> , 2016 , 6, 44606-44618	2.7	18
14	Probing highly luminescent europium-doped lanthanum orthophosphate nanorods for strategic applications. <i>Inorganic Chemistry</i> , 2015 , 54, 2616-25	5.1	48
13	The somatic genomic landscape of chromophobe renal cell carcinoma. <i>Cancer Cell</i> , 2014 , 26, 319-330	24.3	521
12	Crosstalk from non-cancerous mitochondria can inhibit tumor properties of metastatic cells by suppressing oncogenic pathways. <i>PLoS ONE</i> , 2013 , 8, e61747	3.7	65
11	Graphene quantum dots derived from carbon fibers. <i>Nano Letters</i> , 2012 , 12, 844-9	11.5	1779
10	Transmitochondrial cybrids: tools for functional studies of mutant mitochondria. <i>Methods in Molecular Biology</i> , 2012 , 837, 219-30	1.4	13
9	Highly luminescent-paramagnetic nanophosphor probes for in vitro high-contrast imaging of human breast cancer cells. <i>Small</i> , 2012 , 8, 3028-34	11	43

8	Hybrid 2D nanomaterials as dual-mode contrast agents in cellular imaging. <i>Advanced Materials</i> , 2012 , 24, 2992-8	24	58
7	Mitochondria of highly metastatic breast cancer cell line MDA-MB-231 exhibits increased autophagic properties. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 1125-32	4.6	34
6	Functional effects of cancer mitochondria on energy metabolism and tumorigenesis: utility of transmitochondrial cybrids. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1201, 137-46	6.5	31
5	SAFB1 mediates repression of immune regulators and apoptotic genes in breast cancer cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3608-3616	5.4	25
4	Mechanisms of estrogen receptor antagonism toward p53 and its implications in breast cancer therapeutic response and stem cell regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15081-6	11.5	85
3	Scaffold Attachment Factor B1 (SAFB1) heterozygosity does not influence Wnt-1 or DMBA-induced tumorigenesis. <i>Molecular Cancer</i> , 2009 , 8, 15	42.1	1
2	Novel egg white-based 3-D cell culture system. <i>BioTechniques</i> , 2008 , 45, 165-8, 170-1	2.5	34
1	Estrogen-mediated downregulation of CD24 in breast cancer cells. <i>International Journal of Cancer</i> , 2008 , 123, 66-72	7.5	30