

# Matthew G K Benesch

## List of Publications by Year in descending order

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45  
papers

1,417  
citations

304743

22  
h-index

330143

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastric Signet-Ring-Cell Adenocarcinoma with Delayed Retroperitoneal Metastasis and Fibrosis. Case Reports in Oncology, 2022, 15, 114-119.	0.7	0
2	Pneumatosis Intestinalis of the Colon and Greater Omentum following Small Bowel Resection. Case Reports in Surgery, 2022, 2022, 1-4.	0.4	1
3	CDH1 Gene Mutation Hereditary Diffuse Gastric Cancer Outcomes: Analysis of a Large Cohort, Systematic Review of Endoscopic Surveillance, and Secondary Cancer Risk Postulation. Cancers, 2021, 13, 2622.	3.7	15
4	Endoscopic management of a nail-magnet aggregation impacted in the terminal ileum: a case report. Journal of Surgical Case Reports, 2021, 2021, rjab259.	0.4	0
5	Inhibition of Autotaxin with GLPG1690 Increases the Efficacy of Radiotherapy and Chemotherapy in a Mouse Model of Breast Cancer. Molecular Cancer Therapeutics, 2020, 19, 63-74.	4.1	34
6	Necrotizing fasciitis from perforated sigmoid diverticulitis with subsequent pyoderma gangrenosum: a case report. Journal of Surgical Case Reports, 2020, 2020, rjaa282.	0.4	0
7	Role of Adipose Tissue-Derived Autotaxin, Lysophosphatidate Signaling, and Inflammation in the Progression and Treatment of Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 5938.	4.1	31
8	Epidemiology of Mucinous Adenocarcinomas. Cancers, 2020, 12, 3193.	3.7	19
9	Epidemiology of Signet Ring Cell Adenocarcinomas. Cancers, 2020, 12, 1544.	3.7	51
10	Autotaxin and Breast Cancer: Towards Overcoming Treatment Barriers and Sequelae. Cancers, 2020, 12, 374.	3.7	27
11	Role of the autotaxin-lysophosphatidate axis in the development of resistance to cancer therapy. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158716.	2.4	25
12	Latent Cytomegalovirus Infection in Female Mice Increases Breast Cancer Metastasis. Cancers, 2019, 11, 447.	3.7	21
13	Coming of Age for Autotaxin and Lysophosphatidate Signaling: Clinical Applications for Preventing, Detecting and Targeting Tumor-Promoting Inflammation. Cancers, 2018, 10, 73.	3.7	57
14	Novel psychoactive substances: overdose of 3-fluorophenmetrazine (3-FPM) and etizolam in a 33-year-old man. BMJ Case Reports, 2018, 2018, bcr-2018-224995.	0.5	4
15	Implications for breast cancer treatment from increased autotaxin production in adipose tissue after radiotherapy. FASEB Journal, 2017, 31, 4064-4077.	0.5	35
16	Lysophosphatidate Signaling: The Tumor Microenvironment's New Nemesis. Trends in Cancer, 2017, 3, 748-752.	7.4	42
17	Scientific Overview on CSCI-CITAC Annual General Meeting and 2016 Young Investigators' Forum. Clinical and Investigative Medicine, 2017, 40, E211-E217.	0.6	0
18	Recent advances in targeting the autotaxin-lysophosphatidate-lipid phosphate phosphatase axis in vivo. Journal of Biomedical Research, 2016, 30, 272.	1.6	58

#	ARTICLE	IF	CITATIONS
19	RASSF1A Site-Specific Methylation Hotspots in Cancer and Correlation with RASSF1C and MOAP-1. <i>Cancers</i> , 2016, 8, 55.	3.7	14
20	Oxidative stress contributes to the tamoxifen-induced killing of breast cancer cells: implications for tamoxifen therapy and resistance. <i>Scientific Reports</i> , 2016, 6, 21164.	3.3	97
21	PDGFR $\alpha$ Regulates Follicular Cell Differentiation Driving Treatment Resistance and Disease Recurrence in Papillary Thyroid Cancer. <i>EBioMedicine</i> , 2016, 12, 86-97.	6.1	28
22	A calorimetric and spectroscopic comparison of the effects of cholesterol and its sulfur-containing analogs thiocholesterol and cholesterol sulfate on the thermotropic phase behavior and organization of dipalmitoylphosphatidylcholine bilayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 168-180.	2.6	12
23	A comparative differential scanning calorimetry study of the effects of cholesterol and various oxysterols on the thermotropic phase behavior of dipalmitoylphosphatidylcholine bilayer membranes. <i>Chemistry and Physics of Lipids</i> , 2016, 195, 21-33.	3.2	9
24	Autotaxin "An Enzymatic Augmenter of Malignant Progression Linked to Inflammation. , 2015, , .		5
25	Autotaxin is an inflammatory mediator and therapeutic target in thyroid cancer. <i>Endocrine-Related Cancer</i> , 2015, 22, 593-607.	3.1	48
26	Regulation of autotaxin expression and secretion by lysophosphatidate and sphingosine 1-phosphate. <i>Journal of Lipid Research</i> , 2015, 56, 1134-1144.	4.2	93
27	A calorimetric and spectroscopic comparison of the effects of cholesterol and its immediate biosynthetic precursors 7-dehydrocholesterol and desmosterol on the thermotropic phase behavior and organization of dipalmitoylphosphatidylcholine bilayer membranes. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 123-135.	3.2	6
28	Tumor-induced inflammation in mammary adipose tissue stimulates a vicious cycle of autotaxin expression and breast cancer progression. <i>FASEB Journal</i> , 2015, 29, 3990-4000.	0.5	82
29	A DSC and FTIR spectroscopic study of the effects of the epimeric cholestan-3-ols and cholestan-3-one on the thermotropic phase behavior and organization of dipalmitoylphosphatidylcholine bilayer membranes: Comparison with their 5-cholesten analogs. <i>Chemistry and Physics of Lipids</i> , 2015, 187, 34-49.	3.2	8
30	A DSC and FTIR spectroscopic study of the effects of the epimeric coprostan-3-ols and coprostan-3-one on the thermotropic phase behaviour and organization of dipalmitoylphosphatidylcholine bilayer membranes: Comparison with their 5-cholesten analogues. <i>Chemistry and Physics of Lipids</i> , 2015, 188, 10-26.	3.2	6
31	A comparative calorimetric and spectroscopic study of the effects of cholesterol and of the plant sterols $\beta$ -sitosterol and stigmasterol on the thermotropic phase behavior and organization of dipalmitoylphosphatidylcholine bilayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1629-1638.	2.6	15
32	Lipid phosphate phosphatases and their roles in mammalian physiology and pathology. <i>Journal of Lipid Research</i> , 2015, 56, 2048-2060.	4.2	111
33	On the miscibility of cardiolipin with 1,2-diacyl phosphoglycerides: Binary mixtures of dimyristoylphosphatidylglycerol and tetramyristoylcardiolipin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2878-2888.	2.6	10
34	Lysophosphatidate signaling stabilizes Nrf2 and increases the expression of genes involved in drug resistance and oxidative stress responses: implications for cancer treatment. <i>FASEB Journal</i> , 2015, 29, 772-785.	0.5	83
35	Inhibition of autotaxin delays breast tumor growth and lung metastasis in mice. <i>FASEB Journal</i> , 2014, 28, 2655-2666.	0.5	94
36	Conserved Residues in the N Terminus of Lipin-1 Are Required for Binding to Protein Phosphatase-1c, Nuclear Translocation, and Phosphatidate Phosphatase Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 10876-10886.	3.4	7

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37	Lipid phosphate phosphatase-1 expression in cancer cells attenuates tumor growth and metastasis in mice. <i>Journal of Lipid Research</i> , 2014, 55, 2389-2400.	4.2	39
38	A DSC and FTIR spectroscopic study of the effects of the epimeric 4,6-cholestadien-3-ols and 4,6-cholestadien-3-one on the thermotropic phase behaviour and organization of dipalmitoylphosphatidylcholine bilayer membranes. <i>Chemistry and Physics of Lipids</i> , 2014, 183, 142-158.	3.2	8
39	Autotaxin in the crosshairs: Taking aim at cancer and other inflammatory conditions. <i>FEBS Letters</i> , 2014, 588, 2712-2727.	2.8	102
40	A DSC and FTIR spectroscopic study of the effects of the epimeric 4-cholesten-3-ols and 4-cholesten-3-one on the thermotropic phase behaviour and organization of dipalmitoylphosphatidylcholine bilayer membranes: Comparison with their 5-cholesten analogues. <i>Chemistry and Physics of Lipids</i> , 2014, 177, 71-90.	3.2	15
41	A comparative calorimetric study of the effects of cholesterol and the plant sterols campesterol and brassicasterol on the thermotropic phase behavior of dipalmitoylphosphatidylcholine bilayer membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1941-1949.	2.6	29
42	A Calorimetric and Spectroscopic Comparison of the Effects of Lathosterol and Cholesterol on the Thermotropic Phase Behavior and Organization of Dipalmitoylphosphatidylcholine Bilayer Membranes. <i>Biochemistry</i> , 2011, 50, 9982-9997.	2.5	32
43	On the miscibility of cardiolipin with 1,2-diacyl phosphoglycerides: Binary mixtures of dimyristoylphosphatidylethanolamine and tetramyristoylcardiolipin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 774-783.	2.6	24
44	Sterol chemical configuration influences the thermotropic phase behaviour of dipalmitoylphosphatidylcholine bilayers containing 5 $\beta$ -cholestan-3 $\beta$ - and 3 $\beta$ -ol. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 62-69.	3.2	10
45	Sterol chemical configuration and conformation influence the thermotropic phase behaviour of dipalmitoylphosphatidylcholine mixtures containing 5 $\beta$ -cholestan-3 $\beta$ - and -3 $\beta$ -ol. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 70-77.	3.2	10