

# Eliane Fischer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4023372/publications.pdf>

Version: 2024-02-01

38  
papers

3,377  
citations

257450

24  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4176  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Soluble and Membrane-bound Transhydrogenases UdhA and PntAB Have Divergent Functions in NADPH Metabolism of Escherichia coli. <i>Journal of Biological Chemistry</i> , 2004, 279, 6613-6619.	3.4	501
2	Experimental Identification and Quantification of Glucose Metabolism in Seven Bacterial Species. <i>Journal of Bacteriology</i> , 2005, 187, 1581-1590.	2.2	340
3	Metabolic flux profiling of Escherichia coli mutants in central carbon metabolism using GC-MS. <i>FEBS Journal</i> , 2003, 270, 880-891.	0.2	332
4	Large-scale in vivo flux analysis shows rigidity and suboptimal performance of Bacillus subtilis metabolism. <i>Nature Genetics</i> , 2005, 37, 636-640.	21.4	288
5	High-throughput metabolic flux analysis based on gas chromatography-mass spectrometry derived <sup>13</sup> C constraints. <i>Analytical Biochemistry</i> , 2004, 325, 308-316.	2.4	276
6	FiatFlux—a software for metabolic flux analysis from <sup>13</sup> C-glucose experiments. <i>BMC Bioinformatics</i> , 2005, 6, 209.	2.6	216
7	Transglutaminase-Based Chemo-Enzymatic Conjugation Approach Yields Homogeneous Antibody-Drug Conjugates. <i>Bioconjugate Chemistry</i> , 2014, 25, 569-578.	3.6	213
8	A Novel Metabolic Cycle Catalyzes Glucose Oxidation and Anaplerosis in Hungry Escherichia coli. <i>Journal of Biological Chemistry</i> , 2003, 278, 46446-46451.	3.4	173
9	The low-energy <sup>129</sup> Xe and electron emitter <sup>161</sup> Tb as an alternative to <sup>177</sup> Lu for targeted radionuclide therapy. <i>Nuclear Medicine and Biology</i> , 2011, 38, 917-924.	0.6	120
10	Rational development of high-affinity T-cell receptor-like antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5784-5788.	7.1	109
11	Antibody Conjugates: From Heterogeneous Populations to Defined Reagents. <i>Antibodies</i> , 2015, 4, 197-224.	2.5	96
12	Radioimmunotherapy of Fibroblast Activation Protein Positive Tumors by Rapidly Internalizing Antibodies. <i>Clinical Cancer Research</i> , 2012, 18, 6208-6218.	7.0	74
13	Future prospects for SPECT imaging using the radiolanthanide terbium-155 production and preclinical evaluation in tumor-bearing mice. <i>Nuclear Medicine and Biology</i> , 2014, 41, e58-e65.	0.6	60
14	The <i>Bacillus subtilis</i> yqj Gene Encodes the NADP <sup>+</sup> -Dependent 6-P-Gluconate Dehydrogenase in the Pentose Phosphate Pathway. <i>Journal of Bacteriology</i> , 2004, 186, 4528-4534.	2.2	56
15	Anti-L1CAM radioimmunotherapy is more effective with the radiolanthanide terbium-161 compared to lutetium-177 in an ovarian cancer model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1907-1915.	6.4	51
16	The soluble form of the cancer-associated L1 cell adhesion molecule is a pro-angiogenic factor. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1572-1580.	2.8	49
17	CcpN Controls Central Carbon Fluxes in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2008, 190, 6178-6187.	2.2	42
18	Targeted therapy of renal cell carcinoma: Synergistic activity of cG250- $\alpha$ TNF and IFN $\gamma$ . <i>International Journal of Cancer</i> , 2009, 125, 115-123.	5.1	37

#	ARTICLE	IF	CITATIONS
19	Structural Basis for Universal Corrinoid Recognition by the Cobalamin Transport Protein Haptocorrin. <i>Journal of Biological Chemistry</i> , 2013, 288, 25466-25476.	3.4	37
20	Transient expression and flux changes during a shift from high to low riboflavin production in continuous cultures of <i>Bacillus subtilis</i> . <i>Biotechnology and Bioengineering</i> , 2005, 89, 219-232.	3.3	32
21	Structure-Activity Profiles of Ab-Derived TNF Fusion Proteins. <i>Journal of Immunology</i> , 2006, 177, 2423-2430.	0.8	31
22	L1â€CAMâ€targeted antibody therapy and <sup>177</sup> Luâ€radioimmunotherapy of disseminated ovarian cancer. <i>International Journal of Cancer</i> , 2012, 130, 2715-2721.	5.1	31
23	Tumor Imaging in Patients with Advanced Tumors Using a New <sup>99m</sup> Tc-Radiolabeled Vitamin B12 Derivative. <i>Journal of Nuclear Medicine</i> , 2014, 55, 43-49.	5.0	29
24	Multimodal imaging of pancreatic beta cells in vivo by targeting transmembrane protein 27 (TMEM27). <i>Diabetologia</i> , 2012, 55, 2407-2416.	6.3	25
25	Microbial Transglutaminase and câ€mycâ€Tag: A Strong Couple for the Functionalization of Antibodyâ€Like Protein Scaffolds from Discovery Platforms. <i>ChemBioChem</i> , 2015, 16, 861-867.	2.6	24
26	Two is better than one: difunctional high-affinity PSMA probes based on a [CpM(CO) <sub>3</sub> ] (M =) Tj ETQq000 rgBT, Overlock	3.3	22
27	Multi-functionalised graphene nanoflakes as tumour-targeting theranostic drug-delivery vehicles. <i>Chemical Science</i> , 2019, 10, 8880-8888.	7.4	18
28	Comparison of Recombinant Human Haptocorrin Expressed in Human Embryonic Kidney Cells and Native Haptocorrin. <i>PLoS ONE</i> , 2012, 7, e37421.	2.5	16
29	Fluorinated quinazolinones as potential radiotracers for imaging kinesin spindle protein expression. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 496-507.	3.0	14
30	Enzymatic Antibody Modification by Bacterial Transglutaminase. <i>Methods in Molecular Biology</i> , 2013, 1045, 205-215.	0.9	13
31	Paclitaxel improved anti-L1CAM lutetium-177 radioimmunotherapy in an ovarian cancer xenograft model. <i>EJNMMI Research</i> , 2014, 4, 54.	2.5	13
32	Cryptic Epitopes Induce High-Titer Humoral Immune Response in Patients with Cancer. <i>Journal of Immunology</i> , 2010, 185, 3095-3102.	0.8	10
33	Mutation of Threonine 34 in Mouse Podoplanin-Fc Reduces CLEC-2 Binding and Toxicity in Vivo While Retaining Anti-lymphangiogenic Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 21016-21027.	3.4	9
34	Correction for Stewart-Jones et al., Rational development of high-affinity T-cell receptor-like antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10872-10872.	7.1	5
35	NYâ€ESOâ€1 protein glycosylated by yeast induces enhanced immune responses. <i>Yeast</i> , 2010, 27, 919-931.	1.7	5
36	Synthesis and Evaluation of Biphenyl Compounds as Kinesin Spindle Protein Inhibitors. <i>Chemistry and Biodiversity</i> , 2013, 10, 538-555.	2.1	5

#	ARTICLE	IF	CITATIONS
37	Sequential cancer immunotherapy: targeted activity of dimeric TNF and IL-8. <i>Cancer Immunity</i> , 2009, 9, 2.	3.2	5
38	Vitamin B12 Derivatives and Preferential Targeting of Tumors. , 2013, , 241-256.		0