

# Sarvenaz Sarabipour

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,413  
citations

393982

19  
h-index

360668

35  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Writing an effective and supportive recommendation letter. FEBS Journal, 2022, 289, 298-307.	2.2	3
2	Building and sustaining mentor interactions as a mentee. FEBS Journal, 2022, 289, 1374-1384.	2.2	14
3	Creating clear and informative image-based figures for scientific publications. PLoS Biology, 2021, 19, e3001161.	2.6	35
4	Changing scientific meetings for the better. Nature Human Behaviour, 2021, 5, 296-300.	6.2	86
5	Towards inclusive funding practices for early career researchers. Journal of Science Policy & Governance, 2021, 18, .	0.1	5
6	Targeting neuropilins as a viable SARS-CoV-2 treatment. FEBS Journal, 2021, 288, 5122-5129.	2.2	11
7	Ten simple rules to improve academic work-life balance. PLoS Computational Biology, 2021, 17, e1009124.	1.5	21
8	A survey-based analysis of the academic job market. ELife, 2020, 9, .	2.8	36
9	Mitigating the impact of conference and travel cancellations on researchers' futures. ELife, 2020, 9, .	2.8	34
10	Virtual conferences raise standards for accessibility and interactions. ELife, 2020, 9, .	2.8	83
11	On the value of preprints: An early career researcher perspective. PLoS Biology, 2019, 17, e3000151.	2.6	116
12	Tumor and endothelial cells collaborate via transcellular receptor complexes. Journal of Pathology, 2019, 247, 155-157.	2.1	4
13	Computational Systems Biochemistry: Beyond the Static Interactome. Biochemistry, 2018, 57, 9-10.	1.2	1
14	VEGF-A121a binding to Neuropilins - A concept revisited. Cell Adhesion and Migration, 2018, 12, 204-214.	1.1	28
15	Preprints are good for science and good for the public. Nature, 2018, 560, 553-553.	13.7	19
16	Intracellular Domain Contacts Contribute to Ecadherin Constitutive Dimerization in the Plasma Membrane. Journal of Molecular Biology, 2017, 429, 2231-2245.	2.0	28
17	Parallels and Distinctions in FGFR, VEGFR, and EGFR Mechanisms of Transmembrane Signaling. Biochemistry, 2017, 56, 3159-3173.	1.2	10
18	A New Method to Study Heterodimerization of Membrane Proteins and Its Application to Fibroblast Growth Factor Receptors. Journal of Biological Chemistry, 2017, 292, 1288-1301.	1.6	30

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19	VEGFR-2 conformational switch in response to ligand binding. <i>ELife</i> , 2016, 5, e13876.	2.8	94
20	Effect of the achondroplasia mutation on FGFR3 dimerization and FGFR3 structural response to fgf1 and fgf2: A quantitative FRET study in osmotically derived plasma membrane vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1436-1442.	1.4	15
21	Pathogenic Cysteine Removal Mutations in FGFR Extracellular Domains Stabilize Receptor Dimers and Perturb the TM Dimer Structure. <i>Journal of Molecular Biology</i> , 2016, 428, 3903-3910.	2.0	12
22	Mechanism of FGF receptor dimerization and activation. <i>Nature Communications</i> , 2016, 7, 10262.	5.8	192
23	Heterodimerization of Wild-Type and Mutant Fibroblast Growth Factor Receptors in Cell-Derived Vesicles. <i>Biophysical Journal</i> , 2016, 110, 225a.	0.2	1
24	Characterization of Membrane Protein Interactions in Plasma Membrane Derived Vesicles with Quantitative Imaging FRET. <i>Accounts of Chemical Research</i> , 2015, 48, 2262-2269.	7.6	45
25	Analytical characterization of plasma membrane-derived vesicles produced via osmotic and chemical vesiculation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1591-1598.	1.4	22
26	FGFR3 Unliganded Dimer Stabilization by the Juxtamembrane Domain. <i>Journal of Molecular Biology</i> , 2015, 427, 1705-1714.	2.0	35
27	The FRET Signatures of Noninteracting Proteins in Membranes: Simulations and Experiments. <i>Biophysical Journal</i> , 2014, 106, 1309-1317.	0.2	80
28	The FRET Signatures of Non-Interacting Proteins in Cellular Membranes. <i>Biophysical Journal</i> , 2014, 106, 719a.	0.2	0
29	Uninduced high-yield bacterial expression of fluorescent proteins. <i>Analytical Biochemistry</i> , 2014, 449, 155-157.	1.1	31
30	FGF1 and FGF2 Induced FGFR3 Dimerization in Plasma Membrane Derived Vesicles. <i>Biophysical Journal</i> , 2014, 106, 103a.	0.2	0
31	How IGF-1 activates its receptor. <i>ELife</i> , 2014, 3, .	2.8	154
32	FGFR3 Transmembrane Domain Interactions Persist in the Presence of Its Extracellular Domain. <i>Biophysical Journal</i> , 2013, 105, 165-171.	0.2	15
33	CpA Dimerization in Plasma Membranes of CHO, HEK293T and A431 Cells. <i>Biophysical Journal</i> , 2013, 104, 223a.	0.2	0
34	Glycophorin A transmembrane domain dimerization in plasma membrane vesicles derived from CHO, HEK 293T, and A431 cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1829-1833.	1.4	31
35	Multiple Consequences of a Single Amino Acid Pathogenic RTK Mutation: The A391E Mutation in FGFR3. <i>PLoS ONE</i> , 2013, 8, e56521.	1.1	11
36	Effect of FGFR3 Juxtamembrane Domain on FGFR3 Dimerization. <i>Biophysical Journal</i> , 2011, 100, 546a.	0.2	0

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37	Quantitative Measurements of Receptor Interactions in Mammalian Cells: Implications for Human Pathologies. <i>Biophysical Journal</i> , 2010, 98, 245a-246a.	0.2	0
38	Modelling optical scattering artefacts for varying pathlength in a gel dosimeter phantom. <i>Physics in Medicine and Biology</i> , 2009, 54, 275-283.	1.6	61
39	Light scattering artefacts in a funnel phantom using optical CT. <i>Journal of Physics: Conference Series</i> , 2009, 164, 012021.	0.3	2
40	Optical Evaluation of normoxic PAGAT polymer gel dosimeters used to measure SWDP on diagnostic CT scanners. , 2007, , 1606-1608.		1
41	A preliminary study of the measurement of slice-width dose profiles (SWDP) on diagnostic x-ray CT scanners using PAGAT polymer gel dosimeters with optical CT read-out. <i>Journal of Physics: Conference Series</i> , 2006, 56, 280-282.	0.3	5