

# Alexandre Beaudrait

## List of Publications by Year in descending order

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15  
papers

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citations

840119

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h-index

1058022

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docs citations

15  
times ranked

830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential $\beta$ -Arrestin-Dependent Conformational Signaling and Cellular Responses Revealed by Angiotensin Analogs. <i>Science Signaling</i> , 2012, 5, ra33.	1.6	140
2	A new inhibitor of the $\beta$ -arrestin/AP2 endocytic complex reveals interplay between GPCR internalization and signalling. <i>Nature Communications</i> , 2017, 8, 15054.	5.8	111
3	Receptor sequestration in response to $\beta$ -arrestin-2 phosphorylation by ERK1/2 governs steady-state levels of GPCR cell-surface expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5160-8.	3.3	39
4	Emerging Paradigm of Intracellular Targeting of G Protein-Coupled Receptors. <i>Trends in Biochemical Sciences</i> , 2018, 43, 533-546.	3.7	34
5	Mapping the Putative G Protein-coupled Receptor (GPCR) Docking Site on GPCR Kinase 2. <i>Journal of Biological Chemistry</i> , 2014, 289, 25262-25275.	1.6	32
6	Quantifying biased signaling in GPCRs using BRET-based biosensors. <i>Methods</i> , 2016, 92, 5-10.	1.9	31
7	SHEF: a vHTS geometrical filter using coefficients of spherical harmonic molecular surfaces. <i>Journal of Molecular Modeling</i> , 2008, 14, 393-401.	0.8	19
8	Identification of Polo-like kinase 1 interaction inhibitors using a novel cell-based assay. <i>Scientific Reports</i> , 2016, 6, 37581.	1.6	19
9	Multiple-step virtual screening using VSM-G: overview and validation of fast geometrical matching enrichment. <i>Journal of Molecular Modeling</i> , 2008, 14, 135-148.	0.8	18
10	Identification of Allosteric Inhibitors against Active Caspase-6. <i>Scientific Reports</i> , 2019, 9, 5504.	1.6	15
11	A fast surface-matching procedure for protein-ligand docking. <i>Journal of Molecular Modeling</i> , 2006, 12, 965-972.	0.8	12
12	Discovery of a dual Ras and ARF6 inhibitor from a GPCR endocytosis screen. <i>Nature Communications</i> , 2021, 12, 4688.	5.8	7
13	Induced fit in liver X receptor beta: A molecular dynamics-based investigation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 873-882.	1.5	6
14	Beta-arrestins operate an on/off control switch for focal adhesion kinase activity. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5259-5279.	2.4	5
15	Role of the GRK2 extreme amino terminus and active site tether in forming G protein-coupled receptor docking site. <i>FASEB Journal</i> , 2013, 27, 1040.1.	0.2	0