

Ruth M Seeber

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,537
citations

471061

17
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Model for growth hormone receptor activation based on subunit rotation within a receptor dimer. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 814-821.	3.6	345
2	Bioluminescence resonance energy transfer (BRET) for the real-time detection of protein-protein interactions. <i>Nature Protocols</i> , 2006, 1, 337-345.	5.5	188
3	Constitutive and Agonist-dependent Homo-oligomerization of the Thyrotropin-releasing Hormone Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 12736-12743.	1.6	171
4	$\alpha 3$ Integrin Interacts with the Transforming Growth Factor $\beta 2$ (TGF $\beta 2$) Type II Receptor to Potentiate the Proliferative Effects of TGF $\beta 1$ in Living Human Lung Fibroblasts. <i>Journal of Biological Chemistry</i> , 2004, 279, 37726-37733.	1.6	95
5	Demonstration of Improvements to the Bioluminescence Resonance Energy Transfer (BRET) Technology for the Monitoring of G Protein-Coupled Receptors in Live Cells. <i>Journal of Biomolecular Screening</i> , 2008, 13, 888-898.	2.6	90
6	Plasma Leptin-Binding Activity and Hypothalamic Leptin Receptor Expression During Pregnancy and Lactation in the Rat. <i>Biology of Reproduction</i> , 2002, 66, 1762-1767.	1.2	81
7	The Duffy Antigen/Receptor for Chemokines Exists in an Oligomeric Form in Living Cells and Functionally Antagonizes CCR5 Signaling through Hetero-Oligomerization. <i>Molecular Pharmacology</i> , 2008, 73, 1362-1370.	1.0	79
8	Homo- and Hetero-oligomerization of Thyrotropin-releasing Hormone (TRH) Receptor Subtypes. <i>Journal of Biological Chemistry</i> , 2002, 277, 50422-50430.	1.6	67
9	Heteromerization of angiotensin receptors changes trafficking and arrestin recruitment profiles. <i>Cellular Signalling</i> , 2011, 23, 1767-1776.	1.7	63
10	Transactivation of RAGE mediates angiotensin-induced inflammation and atherogenesis. <i>Journal of Clinical Investigation</i> , 2018, 129, 406-421.	3.9	59
11	Identification and Profiling of Novel $\beta 1A$ -Adrenoceptor-CXC Chemokine Receptor 2 Heteromer. <i>Journal of Biological Chemistry</i> , 2012, 287, 12952-12965.	1.6	49
12	Application of G Protein-Coupled Receptor-Heteromer Identification Technology to Monitor Arrestin Recruitment to G Protein-Coupled Receptor Heteromers. <i>Assay and Drug Development Technologies</i> , 2011, 9, 21-30.	0.6	47
13	Cytoplasmic Terminus of Vacuolar Type Proton Pump Accessory Subunit Ac45 Is Required for Proper Interaction with VO Domain Subunits and Efficient Osteoclastic Bone Resorption. <i>Journal of Biological Chemistry</i> , 2008, 283, 13194-13204.	1.6	41
14	Mutations of Vasopressin Receptor 2 Including Novel L312S Have Differential Effects on Trafficking. <i>Molecular Endocrinology</i> , 2016, 30, 889-904.	3.7	39
15	Biocompatibility of semiconducting AlGaIn/GaN material with living cells. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 401-406.	4.0	28
16	Enhanced BRET technology for the monitoring of agonist-induced and agonist-independent interactions between GPCRs and β -arrestins. <i>Frontiers in Endocrinology</i> , 2010, 1, 12.	1.5	24
17	Characterization of Three Vasopressin Receptor 2 Variants: An Apparent Polymorphism (V266A) and Two Loss-of-Function Mutations (R181C and M311V). <i>PLoS ONE</i> , 2013, 8, e65885.	1.1	24
18	Molecular determinants of orexin receptor-arrestin-ubiquitin complex formation. <i>British Journal of Pharmacology</i> , 2014, 171, 364-374.	2.7	17

#	ARTICLE	IF	CITATIONS
19	Profiling Epidermal Growth Factor Receptor and Heregulin Receptor 3 Heteromerization Using Receptor Tyrosine Kinase Heteromer Investigation Technology. PLoS ONE, 2013, 8, e64672.	1.1	14
20	Helix I of β -Arrestin Is Involved in Postendocytic Trafficking but Is Not Required for Membrane Translocation, Receptor Binding, and Internalization. Molecular Pharmacology, 2005, 67, 375-382.	1.0	10
21	Cell growth and attachment to AlGaIn surfaces for biosensor applications. , 2010, , .		2
22	Complex interactions between the angiotensin II type 1 receptor, the epidermal growth factor receptor and TRIO-dependent signaling partners. Biochemical Pharmacology, 2021, 188, 114521.	2.0	2
23	Novel Pharmacology Following Heteromerization of the Angiotensin II Type 2 Receptor and the Bradykinin Type 2 Receptor. Frontiers in Endocrinology, 2022, 13, .	1.5	2