

Annette G Beck-Sickinger

List of Publications by Year in descending order

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Version: 2024-02-01

349
papers

13,467
citations

19657

61
h-index

46799

89
g-index

376
all docs

376
docs citations

376
times ranked

11775
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonal Peptide-templated Labeling Elucidates Lateral ET _A R/ET _B R Proximity and Reveals Altered Downstream Signaling. <i>ChemBioChem</i> , 2022, 23, .	2.6	4
2	Binding of Natural Peptide Ligands to the Neuropeptide Y ₅ Receptor. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202108738.	13.8	6
3	Binding of Natural Peptide Ligands to the Neuropeptide Y5 Receptor. <i>Angewandte Chemie</i> , 2022, 134, e202108738.	2.0	0
4	Chemerin- exploring a versatile adipokine. <i>Biological Chemistry</i> , 2022, 403, 625-642.	2.5	17
5	Analytik synthetischer Peptide. , 2022, , 643-657.		0
6	The Structural Basis of Peptide Binding at Class A G Protein-Coupled Receptors. <i>Molecules</i> , 2022, 27, 210.	3.8	10
7	Receptor-specific recognition of NPY peptides revealed by structures of NPY receptors. <i>Science Advances</i> , 2022, 8, eabm1232.	10.3	22
8	Shuttling of Peptide-Drug Conjugates by G Protein-Coupled Receptors Is Significantly Improved by Pulsed Application. <i>ChemMedChem</i> , 2021, 16, 164-178.	3.2	7
9	Identification of a novel leptin receptor (LEPR) variant and proof of functional relevance directing treatment decisions in patients with morbid obesity. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154438.	3.4	17
10	Live cell PNA labelling enables erasable fluorescence imaging of membrane proteins. <i>Nature Chemistry</i> , 2021, 13, 15-23.	13.6	48
11	Determination of G-protein-coupled receptor oligomerization by molecular brightness analyses in single cells. <i>Nature Protocols</i> , 2021, 16, 1419-1451.	12.0	25
12	Strategies for Site-specific Labeling of Receptor Proteins on the Surfaces of Living Cells by Using Genetically Encoded Peptide Tags. <i>ChemBioChem</i> , 2021, 22, 1717-1732.	2.6	14
13	Highly Selective Y ₄ Receptor Antagonist Binds in an Allosteric Binding Pocket. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2801-2814.	6.4	13
14	Structural basis for ligand recognition of the neuropeptide Y2 receptor. <i>Nature Communications</i> , 2021, 12, 737.	12.8	24
15	Cyclic Analogues of the Chemerin C-Terminus Mimic a Loop Conformation Essential for Activating the Chemokine-like Receptor 1. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3048-3058.	6.4	11
16	Photoinduced receptor confinement drives ligand-independent GPCR signaling. <i>Science</i> , 2021, 371, .	12.6	17
17	Development of a ghrelin receptor inverse agonist for positron emission tomography. <i>Oncotarget</i> , 2021, 12, 450-474.	1.8	3
18	The ring size of monocyclic ET _A controls selectivity and signaling efficiency at both endothelin receptor subtypes. <i>Journal of Peptide Science</i> , 2021, 27, e3325.	1.4	4

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19	Arrestin-dependent internalization of rhodopsin-like G protein-coupled receptors. <i>Biological Chemistry</i> , 2021, .	2.5	4
20	Chemical Synthesis of TFF3 Reveals Novel Mechanistic Insights and a Gut-Stable Metabolite. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9484-9495.	6.4	8
21	Introducing Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16720-16722.	13.8	4
22	Introducing Advisory Editors and New Author Profiles at <i>Angewandte Chemie</i> . <i>Angewandte Chemie</i> , 2021, 133, 16856-16858.	2.0	2
23	Ligand-binding and -scavenging of the chemerin receptor GPR1. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6265-6281.	5.4	12
24	Cyclic Derivatives of the Chemerin C-Terminus as Metabolically Stable Agonists at the Chemokine-like Receptor 1 for Cancer Treatment. <i>Cancers</i> , 2021, 13, 3788.	3.7	8
25	Improvement of wound healing by the development of ECM-inspired biomaterial coatings and controlled protein release. <i>Biological Chemistry</i> , 2021, 402, 1271-1288.	2.5	10
26	Cleavage of the vaspin N-terminus releases cell-penetrating peptides that affect early stages of adipogenesis and inhibit lipolysis in mature adipocytes. <i>Adipocyte</i> , 2021, 10, 216-231.	2.8	5
27	Structures of active melanocortin-4 receptor-Gs-protein complexes with NDP-MSH and setmelanotide. <i>Cell Research</i> , 2021, 31, 1176-1189.	12.0	40
28	Protease-Triggered Release of Stabilized CXCL12 from Coated Scaffolds in an Ex Vivo Wound Model. <i>Pharmaceutics</i> , 2021, 13, 1597.	4.5	3
29	Neuropeptide Y as a risk factor for cardiorenal disease and cognitive dysfunction in chronic kidney disease: translational opportunities and challenges. <i>Nephrology Dialysis Transplantation</i> , 2021, 37, ii14-ii23.	0.7	11
30	Selective Neuropeptide Y Conjugates with Maximized Carborane Loading as Promising Boron Delivery Agents for Boron Neutron Capture Therapy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2358-2371.	6.4	38
31	Biased agonists at the human Y1 receptor lead to prolonged membrane residency and extended receptor G protein interaction. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4675-4691.	5.4	7
32	Tuning a modular system – synthesis and characterisation of a boron-rich triazine-based carboxylic acid and amine bearing a galactopyranosyl moiety. <i>Dalton Transactions</i> , 2020, 49, 57-69.	3.3	8
33	A Selective Carborane-Functionalized Gastrin-Releasing Peptide Receptor Agonist as Boron Delivery Agent for Boron Neutron Capture Therapy. <i>Journal of Organic Chemistry</i> , 2020, 85, 1446-1457.	3.2	30
34	NPY1R-targeted peptide-mediated delivery of a dual PPAR α/β agonist to adipocytes enhances adipogenesis and prevents diabetes progression. <i>Molecular Metabolism</i> , 2020, 31, 163-180.	6.5	17
35	Peptide-Drug Conjugates and Their Targets in Advanced Cancer Therapies. <i>Frontiers in Chemistry</i> , 2020, 8, 571.	3.6	143
36	The Conformational Equilibrium of the Neuropeptide Y2 Receptor in Bilayer Membranes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23854-23861.	13.8	29

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37	Peptide-mediated surface coatings for the release of wound-healing cytokines. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1738-1748.	2.7	9
38	Probing the Y2 Receptor on Transmembrane, Intra- and Extra-Cellular Sites for EPR Measurements. <i>Molecules</i> , 2020, 25, 4143.	3.8	5
39	The Dynamics of the Neuropeptide Y Receptor Type 1 Investigated by Solid-State NMR and Molecular Dynamics Simulation. <i>Molecules</i> , 2020, 25, 5489.	3.8	9
40	Targeting of peptide-binding receptors on cancer cells with peptide-drug conjugates. <i>Peptide Science</i> , 2020, 112, e24171.	1.8	38
41	Advanced 96-microtiter plate based bioelectrochemical platform reveals molecular short cut of electron flow in cytochrome P450 enzyme. <i>Lab on A Chip</i> , 2020, 20, 1449-1460.	6.0	11
42	Adrenomedullin – Current perspective on a peptide hormone with significant therapeutic potential. <i>Peptides</i> , 2020, 131, 170347.	2.4	23
43	A Venomics Approach Coupled to High-Throughput Toxin Production Strategies Identifies the First Venom-Derived Melanocortin Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8250-8264.	6.4	13
44	From Scientists to Scientists – Moving <i>Angewandte</i> into the Future. <i>Angewandte Chemie</i> , 2020, 132, 12648-12649.	2.0	4
45	From Scientists to Scientists – Moving <i>Angewandte</i> into the Future. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12548-12549.	13.8	15
46	An MRM-Based Multiplexed Quantification Assay for Human Adipokines and Apolipoproteins. <i>Molecules</i> , 2020, 25, 775.	3.8	9
47	Multifunctional coatings combining bioactive peptides and affinity-based cytokine delivery for enhanced integration of degradable vascular grafts. <i>Biomaterials Science</i> , 2020, 8, 1734-1747.	5.4	18
48	Unusually persistent $G_{i/o}$ -signaling of the neuropeptide Y2 receptor depletes cellular $G_{i/o}$ pools and leads to a G_i -refractory state. <i>Cell Communication and Signaling</i> , 2020, 18, 49.	6.5	11
49	Design, synthesis, and biological evaluation of a multifunctional neuropeptide-Y conjugate for selective nuclear delivery of radiolanthanides. <i>EJNMMI Research</i> , 2020, 10, 16.	2.5	11
50	Half-Life Extending Modifications of Peptide YY ₃₆ Direct Receptor-Mediated Internalization. <i>Molecular Pharmaceutics</i> , 2019, 16, 3665-3677.	4.6	18
51	Modular triazine-based carborane-containing carboxylic acids – synthesis and characterisation of potential boron neutron capture therapy agents made of readily accessible building blocks. <i>Dalton Transactions</i> , 2019, 48, 10834-10844.	3.3	21
52	Modulation of Human CXCL12 Binding Properties to Glycosaminoglycans To Enhance Chemotactic Gradients. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5128-5138.	5.2	10
53	Energetic electron assisted synthesis of highly tunable temperature-responsive collagen/elastin gels for cyclic actuation: macroscopic switching and molecular origins. <i>Scientific Reports</i> , 2019, 9, 12363.	3.3	8
54	Structural investigations of cell-free expressed G protein-coupled receptors. <i>Biological Chemistry</i> , 2019, 401, 97-116.	2.5	7

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55	Endothelialization of Titanium Surfaces by Bioinspired Cell Adhesion Peptide Coatings. <i>Bioconjugate Chemistry</i> , 2019, 30, 2664-2674.	3.6	20
56	Syntheses of defined sulfated oligohyaluronans reveal structural effects, diversity and thermodynamics of GAG-protein binding. <i>Chemical Science</i> , 2019, 10, 866-878.	7.4	30
57	Chemical modification of neuropeptide Y for human Y ₁ receptor targeting in health and disease. <i>Biological Chemistry</i> , 2019, 400, 299-311.	2.5	11
58	Adrenomedullin disulfide bond mimetics uncover structural requirements for AM ₁ receptor activation. <i>Journal of Peptide Science</i> , 2019, 25, e3147.	1.4	8
59	Structural Model of Ghrelin Bound to its G Protein-Coupled Receptor. <i>Structure</i> , 2019, 27, 537-544.e4.	3.3	47
60	Cell-Free Expression and Photo-Crosslinking of the Human Neuropeptide Y2 Receptor. <i>Frontiers in Pharmacology</i> , 2019, 10, 176.	3.5	7
61	Identification and stabilization of a highly selective gastrin-releasing peptide receptor agonist. <i>Journal of Peptide Science</i> , 2019, 25, e3224.	1.4	15
62	Structural basis of ligand binding modes at the neuropeptide Y Y1 receptor. <i>Nature</i> , 2018, 556, 520-524.	27.8	100
63	G Protein Preassembly Rescues Efficacy of W ^{6.48} Toggle Mutations in Neuropeptide Y ₂ Receptor. <i>Molecular Pharmacology</i> , 2018, 93, 387-401.	2.3	22
64	Peptide chemistry toolbox – Transforming natural peptides into peptide therapeutics. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2759-2765.	3.0	214
65	The effect of interleukin-8 truncations on its interactions with glycosaminoglycans. <i>Biopolymers</i> , 2018, 109, e23103.	2.4	19
66	Time-Resolved Tracking of Separately Internalized Neuropeptide Y ₂ Receptors by Two-Color Pulse-Chase. <i>ACS Chemical Biology</i> , 2018, 13, 618-627.	3.4	17
67	Surface-Binding Peptide Facilitates Electricity-Driven NADPH-Free Cytochrome P450 Catalysis. <i>ChemCatChem</i> , 2018, 10, 487-487.	3.7	1
68	Surface-Binding Peptide Facilitates Electricity-Driven NADPH-Free Cytochrome P450 Catalysis. <i>ChemCatChem</i> , 2018, 10, 525-530.	3.7	17
69	Conformation and Aggregation of Selectively PEGylated and Lipidated Gastric Peptide Hormone Human PYY ₃₋₃₆ . <i>Biomacromolecules</i> , 2018, 19, 4320-4332.	5.4	17
70	A stable <i>meta</i> -carborane enables the generation of boron-rich peptide agonists targeting the ghrelin receptor. <i>Journal of Peptide Science</i> , 2018, 24, e3119.	1.4	36
71	The Impact of Adrenomedullin Thr22 on Selectivity within the Calcitonin Receptor-like Receptor/Receptor Activity-Modifying Protein System. <i>ChemMedChem</i> , 2018, 13, 1797-1805.	3.2	7
72	Different mode of arrestin-3 binding at the human Y1 and Y2 receptor. <i>Cellular Signalling</i> , 2018, 50, 58-71.	3.6	23

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73	Carbaboranylation of Truncated C-Terminal Neuropeptide Y Analogue Leads to Full hY ₁ Receptor Agonism. <i>ChemBioChem</i> , 2018, 19, 2300-2306.	2.6	10
74	Adrenomedullin – new perspectives of a potent peptide hormone. <i>Journal of Peptide Science</i> , 2017, 23, 472-485.	1.4	59
75	C-terminal motif of human neuropeptide Y4 receptor determines internalization and arrestin recruitment. <i>Cellular Signalling</i> , 2017, 29, 233-239.	3.6	7
76	Expression, Functional Characterization, and Solid-State NMR Investigation of the G Protein-Coupled GHS Receptor in Bilayer Membranes. <i>Scientific Reports</i> , 2017, 7, 46128.	3.3	20
77	Identification and Characterization of the First Selective Y ₄ Receptor Positive Allosteric Modulator. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7605-7612.	6.4	11
78	A Deep Hydrophobic Binding Cavity is the Main Interaction for Different Y ₂ R Antagonists. <i>ChemMedChem</i> , 2017, 12, 75-85.	3.2	11
79	Multifunctional biomaterial coatings: synthetic challenges and biological activity. <i>Biological Chemistry</i> , 2017, 398, 3-22.	2.5	46
80	Development of Fluorinated Non-Peptidic Ghrelin Receptor Ligands for Potential Use in Molecular Imaging. <i>International Journal of Molecular Sciences</i> , 2017, 18, 768.	4.1	10
81	Improved in Vitro Folding of the Y2 G Protein-Coupled Receptor into Bicelles. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 100.	3.5	22
82	Discovery of Small-Molecule Modulators of the Human Y4 Receptor. <i>PLoS ONE</i> , 2016, 11, e0157146.	2.5	11
83	Inhibition of Kallikrein-Related Peptidases 7 and 5 by Grafting Serpin Reactive-Center Loop Sequences onto Sunflower Trypsin Inhibitor (SFTI). <i>ChemBioChem</i> , 2016, 17, 719-726.	2.6	32
84	Multifunctional Coating Improves Cell Adhesion on Titanium by using Cooperatively Acting Peptides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4826-4830.	13.8	61
85	Multifunktionale Beschichtung verbessert Zelladhäsion auf Titan durch kooperativ wirkende Peptide. <i>Angewandte Chemie</i> , 2016, 128, 4907-4911.	2.0	5
86	Double Methotrexate-Modified Neuropeptide Y Analogues Express Increased Toxicity and Overcome Drug Resistance in Breast Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3409-3417.	6.4	33
87	Different Y2 receptor antagonists share the same deep, hydrophobic binding pocket. <i>Neuropeptides</i> , 2016, 55, 16-17.	2.2	0
88	On-resin Diels-Alder reaction with inverse electron demand: an efficient ligation method for complex peptides with a varying spacer to optimize cell adhesion. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4809-4816.	2.8	16
89	Effects of Peripheral Neurotensin on Appetite Regulation and Its Role in Gastric Bypass Surgery. <i>Endocrinology</i> , 2016, 157, 3482-3492.	2.8	58
90	Development of Potent and Metabolically Stable APJ Ligands with High Therapeutic Potential. <i>ChemMedChem</i> , 2016, 11, 2378-2384.	3.2	26

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91	Peptide mini-scaffold facilitates JNK3 activation in cells. <i>Scientific Reports</i> , 2016, 6, 21025.	3.3	50
92	The structural investigation of glycosaminoglycan binding to CXCL12 displays distinct interaction sites. <i>Glycobiology</i> , 2016, 26, 1209-1221.	2.5	27
93	Influence of distinct motifs within the carboxyl-terminus of the human neuropeptide Y4 receptor on internalization and arrestin3 recruitment. <i>Neuropeptides</i> , 2016, 55, 23.	2.2	0
94	Adrenomedullin 2.0: Adjusting Key Levers for Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5695-5705.	6.4	21
95	Charge-Compensated Metallocarborane Building Blocks for Conjugation with Peptides. <i>ChemBioChem</i> , 2016, 17, 308-317.	2.6	28
96	Anti-Inflammatory Action of Keratinocyte-Derived Vaspin. <i>American Journal of Pathology</i> , 2016, 186, 639-651.	3.8	33
97	Peptide-Mediated Specific Immobilization of Catalytically Active Cytochrome P450 BM3 Variant. <i>Bioconjugate Chemistry</i> , 2016, 27, 1090-1097.	3.6	19
98	C-terminus of a hexapeptidic ghrelin receptor inverse agonist can switch peptide behavior from inverse agonism to agonism. <i>Biopolymers</i> , 2016, 106, 101-108.	2.4	3
99	A G Protein-biased Designer G Protein-coupled Receptor Useful for Studying the Physiological Relevance of Gq/11-dependent Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2016, 291, 7809-7820.	3.4	29
100	Short-range cytokine gradients to mimic paracrine cell interactions in vitro. <i>Journal of Controlled Release</i> , 2016, 224, 59-68.	9.9	12
101	Peptide-tags for site-specific protein labelling in vitro and in vivo. <i>Molecular BioSystems</i> , 2016, 12, 1731-1745.	2.9	152
102	Fluorescently labeled adrenomedullin allows real-time monitoring of adrenomedullin receptor trafficking in living cells. <i>Journal of Peptide Science</i> , 2015, 21, 905-912.	1.4	23
103	Unwinding of the C-terminal Residues of Neuropeptide Y is critical for Y ₂ Receptor Binding and Activation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7446-7449.	13.8	74
104	Controlling Toxicity of Peptide-Drug Conjugates by Different Chemical Linker Structures. <i>ChemMedChem</i> , 2015, 10, 804-814.	3.2	34
105	Integrating Solid-State NMR and Computational Modeling to Investigate the Structure and Dynamics of Membrane-Associated Ghrelin. <i>PLoS ONE</i> , 2015, 10, e0122444.	2.5	14
106	Carboranes – more than just phenyl mimetics. <i>Pure and Applied Chemistry</i> , 2015, 87, 163-171.	1.9	21
107	High metabolic in vivo stability and bioavailability of a palmitoylated ghrelin receptor ligand assessed by mass spectrometry. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3925-3932.	3.0	18
108	Quantitative impedimetric NPY-receptor activation monitoring and signal pathway profiling in living cells. <i>Biosensors and Bioelectronics</i> , 2015, 67, 386-393.	10.1	9

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109	Central nervous system neuropeptide Y regulates mediators of hepatic phospholipid remodeling and very low-density lipoprotein triglyceride secretion via sympathetic innervation. <i>Molecular Metabolism</i> , 2015, 4, 210-221.	6.5	17
110	Drug delivery and release systems for targeted tumor therapy. <i>Journal of Peptide Science</i> , 2015, 21, 186-200.	1.4	84
111	Recombinant expression and characterization of biologically active protein delta homolog 1. <i>Protein Expression and Purification</i> , 2015, 110, 72-78.	1.3	3
112	Synthesis and <i>in Vitro</i> and <i>in Vivo</i> Evaluation of an ¹⁸ F-Labeled Neuropeptide Y Analogue for Imaging of Breast Cancer by PET. <i>Molecular Pharmaceutics</i> , 2015, 12, 1121-1130.	4.6	34
113	A cleavable cytolysin-neuropeptide Y bioconjugate enables specific drug delivery and demonstrates intracellular mode of action. <i>Journal of Controlled Release</i> , 2015, 209, 170-178.	9.9	11
114	Intracellular Trafficking of Neuropeptide Y Receptors. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 132, 73-96.	1.7	6
115	Rational Design of Dual Peptides Targeting Ghrelin and Y ₂ Receptors to Regulate Food Intake and Body Weight. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4180-4193.	6.4	9
116	Rapid Covalent Fluorescence Labeling of Membrane Proteins on Live Cells via Coiled-Coil Templated Acyl Transfer. <i>Bioconjugate Chemistry</i> , 2015, 26, 2106-2117.	3.6	31
117	Bioorthogonal Labeling of Ghrelin Receptor to Facilitate Studies of Ligand-Dependent Conformational Dynamics. <i>Chemistry and Biology</i> , 2015, 22, 1431-1436.	6.0	17
118	Ubiquitin is a versatile scaffold protein for the generation of molecules with <i>de novo</i> binding and advantageous drug-like properties. <i>FEBS Open Bio</i> , 2015, 5, 579-593.	2.3	11
119	Receptor-Mediated Uptake of Boron-Rich Neuropeptide...Y Analogues for Boron Neutron Capture Therapy. <i>ChemMedChem</i> , 2015, 10, 164-172.	3.2	52
120	Peptides as Modulators of Serpin Action. , 2015, , 29-45.		2
121	Automated solid-phase peptide synthesis to obtain therapeutic peptides. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1197-1212.	2.2	179
122	Peptide Modifications Differentially Alter G Protein-Coupled Receptor Internalization and Signaling Bias. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10067-10071.	13.8	39
123	Peptide-Templated Acyl Transfer: A Chemical Method for the Labeling of Membrane Proteins on Live Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10237-10241.	13.8	71
124	Pancreatic Polypeptide Is Recognized by Two Hydrophobic Domains of the Human Y4 Receptor Binding Pocket. <i>Journal of Biological Chemistry</i> , 2014, 289, 5846-5859.	3.4	28
125	Peptide Modifications Differentially Alter G Protein-Coupled Receptor Internalization and Signaling Bias. <i>Angewandte Chemie</i> , 2014, 126, 10231-10235.	2.0	3
126	Mutations in arrestin-3 differentially affect binding to neuropeptide Y receptor subtypes. <i>Cellular Signalling</i> , 2014, 26, 1523-1531.	3.6	43

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127	Slime protein profiling: a non-invasive tool for species identification in Onychophora (velvet worms). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 265-272.	1.4	22
128	Position and Length of Fatty Acids Strongly Affect Receptor Selectivity Pattern of Human Pancreatic Polypeptide Analogues. <i>ChemMedChem</i> , 2014, 9, 2463-2474.	3.2	20
129	Proteintemplat-vermittelter Acyltransfer: eine chemische Methode für die Markierung von Membranproteinen an lebenden Zellen. <i>Angewandte Chemie</i> , 2014, 126, 10402-10406.	2.0	20
130	Semi-synthesis of chemokines. <i>Current Opinion in Chemical Biology</i> , 2014, 22, 100-107.	6.1	13
131	Matrix Metalloproteinase 9 (MMP-9) Mediated Release of MMP-9 Resistant Stromal Cell-Derived Factor 1 α (SDF-1 α) from Surface Modified Polymer Films. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5891-5899.	8.0	27
132	Processing, signaling, and physiological function of chemerin. <i>IUBMB Life</i> , 2014, 66, 19-26.	3.4	116
133	Analysis of a rare functional truncating mutation rs61757459 in vaspin (SERPINA12) on circulating vaspin levels. <i>Journal of Molecular Medicine</i> , 2013, 91, 1285-1292.	3.9	6
134	Vaspin inhibits kallikrein 7 by serpin mechanism. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2569-2583.	5.4	125
135	In vitro modification of substituted cysteines as tool to study receptor functionality and structure-activity relationships. <i>Analytical Biochemistry</i> , 2013, 439, 173-183.	2.4	3
136	Chemerin and Vaspin: Possible Targets to Treat Obesity?. <i>ChemMedChem</i> , 2013, 8, 549-559.	3.2	11
137	Large scale modification of biomolecules using immobilized sortase A from <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3504-3510.	3.0	28
138	Photoactivatable Chemokines - Controlling Protein Activity by Light. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9550-9553.	13.8	30
139	Tuning peptide affinity for biofunctionalized surfaces. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 69-77.	4.3	12
140	Proteolytic activation of prochemerin by kallikrein 7 breaks an ionic linkage and results in C-terminal rearrangement. <i>Biochemical Journal</i> , 2013, 452, 271-280.	3.7	47
141	Investigation of lysine side chain interactions of interleukin-8 with heparin and other glycosaminoglycans studied by a methylation-NMR approach. <i>Glycobiology</i> , 2013, 23, 1260-1269.	2.5	40
142	Highlight: Protein states with cell biological and medicinal relevance. <i>Biological Chemistry</i> , 2013, 394, 919-920.	2.5	0
143	Towards improved receptor targeting: anterograde transport, internalization and postendocytic trafficking of neuropeptide Y receptors. <i>Biological Chemistry</i> , 2013, 394, 921-936.	2.5	37
144	The activity of prolactin releasing peptide correlates with its helicity. <i>Biopolymers</i> , 2013, 99, 314-325.	2.4	7

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145	Oxidative <i>in vitro</i> folding of a cysteine deficient variant of the G protein-coupled neuropeptide Y receptor type 2 improves stability at high concentration. <i>Biological Chemistry</i> , 2013, 394, 1045-1056.	2.5	18
146	The Adipocytokine Nampt and Its Product NMN Have No Effect on Beta-Cell Survival but Potentiate Glucose Stimulated Insulin Secretion. <i>PLoS ONE</i> , 2013, 8, e54106.	2.5	49
147	Neuropeptide Y receptors: how to get subtype selectivity. <i>Frontiers in Endocrinology</i> , 2013, 4, 5.	3.5	124
148	Preparation of C-terminally Modified Chemokines by Expressed Protein Ligation. <i>Methods in Molecular Biology</i> , 2013, 1047, 103-118.	0.9	5
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