Patrick R Griffin

List of Publications by Year
in descending order

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226 papers	21,832 citations	12330 69 h-index	10445 139 g-index
250 all docs	250 docs citations	250 times ranked	27176 citing authors

#	Article	IF	Citations
1	Discovery of an NAD⁺ analogue with enhanced specificity for PARP1. Chemical Science, 2022, 13, 1982-1991.	7.4	11
2	Identification and Optimization of a Novel HIV-1 Integrase Inhibitor. ACS Omega, 2022, 7, 4482-4491.	3.5	4
3	Cryo-EM structure of human GPR158 receptor coupled to the RGS7-Gî²5 signaling complex. Science, 2022, 375, 86-91.	12.6	24
4	The intrinsically disordered CARDsâ€Helicase linker in RIGâ€I is a molecular gate for RNA proofreading. EMBO Journal, 2022, 41, e109782.	7.8	9
5	Differential Modulation of Nuclear Receptor LRH-1 through Targeting Buried and Surface Regions of the Binding Pocket. Journal of Medicinal Chemistry, 2022, 65, 6888-6902.	6.4	4
6	Client Specificity of an ATPâ€independent Chaperone is Regulated by a Temperature Sensitive Switch. FASEB Journal, 2022, 36, .	0.5	0
7	Structureâ€“Activity Relationship and Biological Investigation of SR18292 (16), a Suppressor of Glucagon-Induced Glucose Production. Journal of Medicinal Chemistry, 2021, 64, 980-990.	6.4	2
8	A Bifunctional NAD⁺ for Profiling Poly-ADP-Ribosylation-Dependent Interacting Proteins. ACS Chemical Biology, 2021, 16, 389-396.	3.4	16
9	CMT2N-causing aminoacylation domain mutants enable Nrp1 interaction with AlaRS. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
10	Structures of the human LONP1 protease reveal regulatory steps involved in protease activation. Nature Communications, 2021, 12, 3239.	12.8	40
11	PPARG in osteocytes controls sclerostin expression, bone mass, marrow adiposity and mediates TZD-induced bone loss. Bone, 2021, 147, 115913.	2.9	23
12	Revealing the Structural Plasticity of SARS-CoV-2 nsp7 and nsp8 Using Structural Proteomics. Journal of the American Society for Mass Spectrometry, 2021, 32, 1618-1630.	2.8	13
13	Structure of an AMPK complex in an inactive, ATP-bound state. Science, 2021, 373, 413-419.	12.6	42
14	Synthetic fluorescent MYC probe: Inhibitor binding site elucidation and development of a high-throughput screening assay. Bioorganic and Medicinal Chemistry, 2021, 42, 116246.	3.0	1
15	Dual-mechanism estrogen receptor inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
16	Insights into the structure and RNA-binding specificity of Caenorhabditis elegans Dicer-related helicase 3 (DRH-3). Nucleic Acids Research, 2021, 49, 9978-9991.	14.5	4
17	One-step construction of circularized nanodiscs using SpyCatcher-SpyTag. Nature Communications, 2021, 12, 5451.	12.8	22
18	Discovery of Selective Inhibitors for In Vitro and In Vivo Interrogation of Skeletal Myosin II. ACS Chemical Biology, 2021, 16, 2164-2173.	3.4	2

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19	Conformational Changes of RORÎ³ During Response Element Recognition and Coregulator Engagement. Journal of Molecular Biology, 2021, 433, 167258.	4.2	4
20	Structural basis for heme-dependent NCoR binding to the transcriptional repressor REV-ERBÎ². Science Advances, 2021, 7, .	10.3	13
21	Ordered assembly of the cytosolic RNA-sensing MDA5-MAVS signaling complex via binding to unanchored K63-linked poly-ubiquitin chains. Immunity, 2021, 54, 2218-2230.e5.	14.3	23
22	Cryo-EM structure of human GPR158 receptor coupled to the RGS7-Gî²5 signaling complex. Science, 2021, , eabl4732.	12.6	2
23	Multivalent interactions drive nucleosome binding and efficient chromatin deacetylation by SIRT6. Nature Communications, 2020, 11, 5244.	12.8	36
24	Integrative structural biology studies of HIV-1 reverse transcriptase binding to a high-affinity DNA aptamer. Current Research in Structural Biology, 2020, 2, 116-129.	2.2	8
25	High-Throughput Screening for Drugs That Inhibit Papain-Like Protease in SARS-CoV-2. SLAS Discovery, 2020, 25, 1152-1161.	2.7	38
26	Structural and mechanistic bases for a potent HIV-1 capsid inhibitor. Science, 2020, 370, 360-364.	12.6	114
27	Structural and Functional Studies of Chikungunya Virus nsP2. Proceedings (mdpi), 2020, 50, .	0.2	0
28	Comparative Analysis of Cleavage Specificities of Immobilized Porcine Pepsin and Nepenthesin II under Hydrogen/Deuterium Exchange Conditions. Analytical Chemistry, 2020, 92, 11018-11028.	6.5	12
29	A Disorder-to-Order Transition Activates an ATP-Independent Membrane Protein Chaperone. Journal of Molecular Biology, 2020, 432, 166708.	4.2	8
30	A Steric â€œBall-and-Chainâ€•Mechanism for pH-Mediated Regulation of Gap Junction Channels. Cell Reports, 2020, 31, 107482.	6.4	35
31	A molecular switch regulating transcriptional repression and activation of PPARÎ³. Nature Communications, 2020, 11, 956.	12.8	45
32	Binding interface and impact on protease cleavage for an RNA aptamer to HIV-1 reverse transcriptase. Nucleic Acids Research, 2020, 48, 2709-2722.	14.5	22
33	A simple and robust cell-based assay for the discovery of novel cytokinesis inhibitors. Journal of Biological Methods, 2020, 7, e136.	0.6	4
34	Identification of Antimalarial Inhibitors Using Late-Stage Gametocytes in a Phenotypic Live/Dead Assay. SLAS Discovery, 2019, 24, 38-46.	2.7	5
35	Structureâ€guided design of immunomodulatory RNA s specifically targeting the cytoplasmic viral RNA sensor RIG â€‹. FEBS Letters, 2019, 593, 3003-3014.	2.8	6
36	Protein dynamics and conformational changes explored by hydrogen/deuterium exchange mass spectrometry. Current Opinion in Structural Biology, 2019, 58, 305-313.	5.7	58

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37	Recommendations for performing, interpreting and reporting hydrogen deuterium exchange mass spectrometry (HDX-MS) experiments. Nature Methods, 2019, 16, 595-602.	19.0	452
38	Histone H3 binding to the PHD1 domain of histone demethylase KDM5A enables active site remodeling. Nature Communications, 2019, 10, 94.	12.8	38
39	The Scripps Molecular Screening Center and Translational Research Institute. SLAS Discovery, 2019, 24, 386-397.	2.7	15
40	Structural Basis of Altered Potency and Efficacy Displayed by a Major in Vivo Metabolite of the Antidiabetic PPARÎ³ Drug Pioglitazone. Journal of Medicinal Chemistry, 2019, 62, 2008-2023.	6.4	26
41	Structural insights into RNA recognition by the Chikungunya virus nsP2 helicase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9558-9567.	7.1	50
42	Unique Polypharmacology Nuclear Receptor Modulator Blocks Inflammatory Signaling Pathways. ACS Chemical Biology, 2019, 14, 1051-1062.	3.4	8
43	A Decoupled Automation Platform for Hydrogen/Deuterium Exchange Mass Spectrometry Experiments. Journal of the American Society for Mass Spectrometry, 2019, 30, 2580-2583.	2.8	14
44	Quantitative structural assessment of graded receptor agonism. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22179-22188.	7.1	21
45	Definition of functionally and structurally distinct repressive states in the nuclear receptor PPARÎ³. Nature Communications, 2019, 10, 5825.	12.8	20
46	Defining a Canonical Ligand-Binding Pocket in the Orphan Nuclear Receptor Nurr1. Structure, 2019, 27, 66-77.e5.	3.3	37
47	Structures of AMP-activated protein kinase bound to novel pharmacological activators in phosphorylated, non-phosphorylated, and nucleotide-free states. Journal of Biological Chemistry, 2019, 294, 953-967.	3.4	29
48	HDX-MS reveals structural determinants for RORÎ³ hyperactivation by synthetic agonists. ELife, 2019, 8, .	6.0	12
49	Discovery and Optimization of a Series of Sulfonamide Inverse Agonists for the Retinoic Acid Receptor-Related Orphan Receptor-Î±. Medicinal Chemistry, 2019, 15, 676-684.	1.5	2
50	Design, synthesis, and evaluation of simple phenol amides as ERRÎ³ agonists. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1313-1319.	2.2	9
51	Interactome Analysis Reveals Regulator of G Protein Signaling 14 (RGS14) is a Novel Calcium/Calmodulin (Ca²⁺/CaM) and CaM Kinase II (CaMKII) Binding Partner. Journal of Proteome Research, 2018, 17, 1700-1711.	3.7	21
52	Biophysical Interactions of Direct AMPK Activators. Methods in Molecular Biology, 2018, 1732, 29-55.	0.9	1
53	Identification of an aminothiazole series of RORÎ² modulators. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1178-1181.	2.2	8
54	Lipid binding promotes the open conformation and tumor-suppressive activity of neurofibromin 2. Nature Communications, 2018, 9, 1338.	12.8	42

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55	CINPA1 binds directly to constitutive androstane receptor and inhibits its activity. Biochemical Pharmacology, 2018, 152, 211-223.	4.4	19
56	Noncanonical agonist PPARÎ³ ligands modulate the response to DNA damage and sensitize cancer cells to cytotoxic chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 561-566.	7.1	45
57	Defining a conformational ensemble that directs activation of PPARÎ³. Nature Communications, 2018, 9, 1794.	12.8	53
58	The AP-1-BATF and -BATF3 module is essential for growth, survival and TH17/ILC3 skewing of anaplastic large cell lymphoma. Leukemia, 2018, 32, 1994-2007.	7.2	70
59	Discovery of Hydrolysis-Resistant Isoindoline N-Acyl Amino Acid Analogues that Stimulate Mitochondrial Respiration. Journal of Medicinal Chemistry, 2018, 61, 3224-3230.	6.4	20
60	A structural mechanism for directing corepressor-selective inverse agonism of PPARÎ³. Nature Communications, 2018, 9, 4687.	12.8	38
61	Structural organization of a major neuronal G protein regulator, the RGS7-GÎ²5-R7BP complex. ELife, 2018, 7, .	6.0	18
62	HDX-MS reveals dysregulated checkpoints that compromise discrimination against self RNA during RIG-I mediated autoimmunity. Nature Communications, 2018, 9, 5366.	12.8	26
63	Irisin Mediates Effects on Bone and Fat via Î±V Integrin Receptors. Cell, 2018, 175, 1756-1768.e17.	28.9	372
64	Structural Basis for the RNA-Guided Ribonuclease Activity of CRISPR-Cas13d. Cell, 2018, 175, 212-223.e17.	28.9	195
65	Chemical Crosslinking Mass Spectrometry Reveals the Conformational Landscape of the Activation Helix of PPARÎ³; a Model for Ligand-Dependent Antagonism. Structure, 2018, 26, 1431-1439.e6.	3.3	24
66	Ablation of PM20D1 reveals N-acyl amino acid control of metabolism and nociception. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6937-E6945.	7.1	43
67	A Novel Polar Core and Weakly Fixed C-Tail in Squid Arrestin Provide New Insight into Interaction with Rhodopsin. Journal of Molecular Biology, 2018, 430, 4102-4118.	4.2	7
68	Identification of potent RORÎ² modulators: Scaffold variation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3210-3215.	2.2	3
69	PPARÎ³ in Complex with an Antagonist and Inverse Agonist: a Tumble and Trap Mechanism of the Activation Helix. IScience, 2018, 5, 69-79.	4.1	40
70	Structural and Dynamic Elucidation of a Non-acid PPARÎ³ Partial Agonist: SR1988. Nuclear Receptor Research, 2018, 5, .	2.5	5
71	The SERM/SERD bazedoxifene disrupts ESR1 helix 12 to overcome acquired hormone resistance in breast cancer cells. ELife, 2018, 7, .	6.0	72
72	Structureâ€“Activity Relationship of 2,4-Dichloro-N-(3,5-dichloro-4-(quinolin-3-yloxy)phenyl)benzenesulfonamide (INT131) Analogs for PPARÎ³-Targeted Antidiabetics. Journal of Medicinal Chemistry, 2017, 60, 4584-4593.	6.4	22

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73	Deconvoluting AMP-activated protein kinase (AMPK) adenine nucleotide binding and sensing. Journal of Biological Chemistry, 2017, 292, 12653-12666.	3.4	39
74	Structure of the full-length glucagon class B G-protein-coupled receptor. Nature, 2017, 546, 259-264.	27.8	179
75	Structural Basis of TPR-Mediated Oligomerization and Activation of Oncogenic Fusion Kinases. Structure, 2017, 25, 867-877.e3.	3.3	14
76	Molecular assembly of rhodopsin with G protein-coupled receptor kinases. Cell Research, 2017, 27, 728-747.	12.0	40
77	Structure and Dynamics of the Liver Receptor Homolog 1â€“PGC1Î± Complex. Molecular Pharmacology, 2017, 92, 1-11.	2.3	22
78	KK-92A, a novel GABAB receptor positive allosteric modulator, attenuates nicotine self-administration and cue-induced nicotine seeking in rats. Psychopharmacology, 2017, 234, 1633-1644.	3.1	15
79	Selective Chemical Inhibition of PGC-1Î± Gluconeogenic Activity Ameliorates Type 2 Diabetes. Cell, 2017, 169, 148-160.e15.	28.9	153
80	GABABreceptor allosteric modulators exhibit pathway-dependent and species-selective activity. Pharmacology Research and Perspectives, 2017, 5, e00288.	2.4	11
81	Synthesis of novel steroidal agonists, partial agonists, and antagonists for the glucocorticoid receptor. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 347-353.	2.2	10
82	Nucleotide Binding to ARL2 in the TBCD â^™ ARL2 â^™ Î²-Tubulin Complex Drives Conformational Changes in Î²-Tubulin. Journal of Molecular Biology, 2017, 429, 3696-3716.	4.2	18
83	Unique Interactome Network Signatures for Peroxisome Proliferator-activated Receptor Gamma (PPARÎ³) Modulation by Functional Selective Ligands. Molecular and Cellular Proteomics, 2017, 16, 2098-2110.	3.8	4
84	SPA70 is a potent antagonist of human pregnane X receptor. Nature Communications, 2017, 8, 741.	12.8	82
85	HDX reveals the conformational dynamics of DNA sequence specific VDR co-activator interactions. Nature Communications, 2017, 8, 923.	12.8	39
86	Synergistic Regulation of Coregulator/Nuclear Receptor Interaction by Ligand and DNA. Structure, 2017, 25, 1506-1518.e4.	3.3	45
87	Identification of Phosphorylation Codes for Arrestin Recruitment by G Protein-Coupled Receptors. Cell, 2017, 170, 457-469.e13.	28.9	344
88	A Residue-Resolved Bayesian Approach to Quantitative Interpretation of Hydrogenâ€“Deuterium Exchange from Mass Spectrometry: Application to Characterizing Proteinâ€“Ligand Interactions. Journal of Physical Chemistry B, 2017, 121, 3493-3501.	2.6	52
89	Proteolysis by Granzyme B Enhances Presentation of Autoantigenic Peptidylarginine Deiminase 4 Epitopes in Rheumatoid Arthritis. Journal of Proteome Research, 2017, 16, 355-365.	3.7	25
90	Full antagonism of the estrogen receptor without a prototypical ligand side chain. Nature Chemical Biology, 2017, 13, 111-118.	8.0	48

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91	Estrogen receptor alpha somatic mutations Y537S and D538G confer breast cancer endocrine resistance by stabilizing the activating function-2 binding conformation. ELife, 2016, 5, .	6.0	212
92	The Methionine Transamination Pathway Controls Hepatic Glucose Metabolism through Regulation of the GCN5 Acetyltransferase and the PGC-1Î± Transcriptional Coactivator. Journal of Biological Chemistry, 2016, 291, 10635-10645.	3.4	31
93	Crystal Structures of the Nuclear Receptor, Liver Receptor Homolog 1, Bound to Synthetic Agonists. Journal of Biological Chemistry, 2016, 291, 25281-25291.	3.4	25
94	N-Arylsulfonyl Indolines as Retinoic Acid Receptor-Related Orphan Receptorâ€…Î³ (RORÎ³) Agonists. ChemMedChem, 2016, 11, 2607-2620.	3.2	24
95	PPARG Post-translational Modifications Regulate Bone Formation and Bone Resorption. EBioMedicine, 2016, 10, 174-184.	6.1	64
96	Neddylation requires glycyl-tRNA synthetase to protect activated E2. Nature Structural and Molecular Biology, 2016, 23, 730-737.	8.2	38
97	Two-Site Evaluation of the Repeatability and Precision of an Automated Dual-Column Hydrogen/Deuterium Exchange Mass Spectrometry Platform. Analytical Chemistry, 2016, 88, 6607-6614.	6.5	25
98	Identification and function of conformational dynamics in the multidomain <scp>GTP</scp> ase dynamin. EMBO Journal, 2016, 35, 443-457.	7.8	37
99	The Secreted Enzyme PM20D1 Regulates Lipidated Amino Acid Uncouplers of Mitochondria. Cell, 2016, 166, 424-435.	28.9	188
100	Synthetic RORÎ³t Agonists Enhance Protective Immunity. ACS Chemical Biology, 2016, 11, 1012-1018.	3.4	48
101	SR2067 Reveals a Unique Kinetic and Structural Signature for PPARÎ³ Partial Agonism. ACS Chemical Biology, 2016, 11, 273-283.	3.4	34
102	The Competitive Interplay between Allosteric HIV-1 Integrase Inhibitor BI/D and LEDGF/p75 during the Early Stage of HIV-1 Replication Adversely Affects Inhibitor Potency. ACS Chemical Biology, 2016, 11, 1313-1321.	3.4	29
103	PPARÎ³ Antagonist Gleevec Improves Insulin Sensitivity and Promotes the Browning of White Adipose Tissue. Diabetes, 2016, 65, 829-839.	0.6	80
104	Identification of Bexarotene as a PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î³</mml:mi></mml:mrow></mml:math>Antagonist with HDX. PPAR Research, 2015, 2015, 1-6.	2.4	17
105	Pharmacological repression of PPARÎ³ promotes osteogenesis. Nature Communications, 2015, 6, 7443.	12.8	99
106	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. Cell, 2015, 161, 1252-1265.	28.9	135
107	Antiobesity Effect of a Small Molecule Repressor of RORÎ³. Molecular Pharmacology, 2015, 88, 48-56.	2.3	33
108	Antiproliferation Activity of a Small Molecule Repressor of Liver Receptor Homolog 1. Molecular Pharmacology, 2015, 87, 296-304.	2.3	42

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109	Design, Synthesis, and Biological Evaluation of Indole Biphenylcarboxylic Acids as PPARÎ³ Antagonists. ACS Medicinal Chemistry Letters, 2015, 6, 998-1003.	2.8	25
110	Crystal structure of rhodopsin bound to arrestin by femtosecond X-ray laser. Nature, 2015, 523, 561-567.	27.8	683
111	Differential Isotopic Enrichment To Facilitate Characterization of Asymmetric Multimeric Proteins Using Hydrogen/Deuterium Exchange Mass Spectrometry. Analytical Chemistry, 2015, 87, 4015-4022.	6.5	4
112	Integration of G Protein Î± (GÎ±) Signaling by the Regulator of G Protein Signaling 14 (RGS14). Journal of Biological Chemistry, 2015, 290, 9037-9049.	3.4	24
113	Destabilization of strigolactone receptor DWARF14 by binding of ligand and E3-ligase signaling effector DWARF3. Cell Research, 2015, 25, 1219-1236.	12.0	152
114	CMT2D neuropathy is linked to the neomorphic binding activity of glycyl-tRNA synthetase. Nature, 2015, 526, 710-714.	27.8	137
115	Structural basis of JAZ repression of MYC transcription factors in jasmonate signalling. Nature, 2015, 525, 269-273.	27.8	248
116	SERBP1 Is a Component of the Liver Receptor Homologue-1 Transcriptional Complex. Journal of Proteome Research, 2015, 14, 4571-4580.	3.7	9
117	Software Analysis of Uncorrelated MS1 Peaks for Discovery of Post-Translational Modifications. Journal of the American Society for Mass Spectrometry, 2015, 26, 2133-2140.	2.8	2
118	A General Method for Insertion of Functional Proteins within Proteins via Combinatorial Selection of Permissive Junctions. Chemistry and Biology, 2015, 22, 1134-1143.	6.0	9
119	Structural mechanism for signal transduction in RXR nuclear receptor heterodimers. Nature Communications, 2015, 6, 8013.	12.8	101
120	Glucagon-Like Peptide-1 Receptor Ligand Interactions: Structural Cross Talk between Ligands and the Extracellular Domain. PLoS ONE, 2014, 9, e105683.	2.5	13
121	Resveratrol modulates the inflammatory response via an estrogen receptor-signal integration network. ELife, 2014, 3, e02057.	6.0	113
122	Defining the Communication between Agonist and Coactivator Binding in the Retinoid X Receptor Î± Ligand Binding Domain. Journal of Biological Chemistry, 2014, 289, 814-826.	3.4	49
123	HDX-MS guided drug discovery: small molecules and biopharmaceuticals. Current Opinion in Structural Biology, 2014, 28, 105-111.	5.7	78
124	Bufalin Is a Potent Small-Molecule Inhibitor of the Steroid Receptor Coactivators SRC-3 and SRC-1. Cancer Research, 2014, 74, 1506-1517.	0.9	145
125	RORs in Autoimmune Disease. Current Topics in Microbiology and Immunology, 2014, 378, 171-182.	1.1	17
126	Structural Basis for Ligand Regulation of the Fatty Acid-binding Protein 5, Peroxisome Proliferator-activated Receptor Î²/Î´ (FABP5-PPARÎ²/Î´) Signaling Pathway. Journal of Biological Chemistry, 2014, 289, 14941-14954.	3.4	101

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127	The Therapeutic Potential of Nuclear Receptor Modulators for Treatment of Metabolic Disorders: PPARÎ³, RORs, and Rev-erbs. Cell Metabolism, 2014, 19, 193-208.	16.2	106
128	Nitric Oxide-Induced Conformational Changes in Soluble Guanylate Cyclase. Structure, 2014, 22, 602-611.	3.3	68
129	Identification of a Small Molecular Insulin Receptor Agonist With Potent Antidiabetes Activity. Diabetes, 2014, 63, 1394-1409.	0.6	45
130	Inhibiting AMPylation: A Novel Screen To Identify the First Small Molecule Inhibitors of Protein AMPylation. ACS Chemical Biology, 2014, 9, 433-442.	3.4	23
131	Glucocorticoid Receptor Function Regulated by Coordinated Action of the Hsp90 and Hsp70 Chaperone Cycles. Cell, 2014, 157, 1685-1697.	28.9	327
132	A Critical Role of the C-terminal Segment for Allosteric Inhibitor-induced Aberrant Multimerization of HIV-1 Integrase. Journal of Biological Chemistry, 2014, 289, 26430-26440.	3.4	28
133	An alternate binding site for PPARÎ³ ligands. Nature Communications, 2014, 5, 3571.	12.8	148
134	Pharmacologic Repression of Retinoic Acid Receptorâ€"Related Orphan Nuclear Receptor Î³ Is Therapeutic in the Collagenâ€Induced Arthritis Experimental Model. Arthritis and Rheumatology, 2014, 66, 579-588.	5.6	81
135	HDX reveals unique fragment ligands for the vitamin D receptor. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3459-3463.	2.2	20
136	Influence of Domain Interactions on Conformational Mobility of the Progesterone Receptor Detected by Hydrogen/Deuterium Exchange Mass Spectrometry. Structure, 2014, 22, 961-973.	3.3	27
137	An Antibody with a Variableâ€Region Coiledâ€Coil â€œKnobâ€•Domain. Angewandte Chemie - International Edition, 2014, 53, 132-135.	13.8	25
138	Identification of Verrucarin A as a Potent and Selective Steroid Receptor Coactivator-3 Small Molecule Inhibitor. PLoS ONE, 2014, 9, e95243.	2.5	33
139	Small molecule amides as potent ROR-Î³ selective modulators. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 532-536.	2.2	28
140	Time Window Expansion for HDX Analysis of an Intrinsically Disordered Protein. Journal of the American Society for Mass Spectrometry, 2013, 24, 1584-1592.	2.8	67
141	Activation of AMP-Activated Protein Kinase Revealed by Hydrogen/Deuterium Exchange Mass Spectrometry. Structure, 2013, 21, 1942-1953.	3.3	38
142	Protein Conformation Ensembles Monitored by HDX Reveal a Structural Rationale for Abscisic Acid Signaling Protein Affinities and Activities. Structure, 2013, 21, 229-235.	3.3	31
143	Synthetic modulators of the retinoic acid receptor-related orphan receptors. MedChemComm, 2013, 4, 764.	3.4	26
144	Biophysical mechanisms for large-effect mutations in the evolution of steroid hormone receptors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11475-11480.	7.1	61

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145	Regulation of the Structurally Dynamic N-terminal Domain of Progesterone Receptor by Protein-induced Folding. Journal of Biological Chemistry, 2013, 288, 30285-30299.	3.4	42
146	Divergent Sequence Tunes Ligand Sensitivity in Phospholipid-regulated Hormone Receptors. Journal of Biological Chemistry, 2013, 288, 20702-20712.	3.4	14
147	Targeting the Peroxisome Proliferator-Activated Receptor-Î³ to Counter the Inflammatory Milieu in Obesity. Diabetes and Metabolism Journal, 2013, 37, 395.	4.7	40
148	Antidiabetic phospholipidâ€“nuclear receptor complex reveals the mechanism for phospholipid-driven gene regulation. Nature Structural and Molecular Biology, 2012, 19, 532-537.	8.2	73
149	The therapeutic potential of RORγ modulators in the treatment of human disease. Journal of Experimental Pharmacology, 2012, 4, 141.	3.2	5
150	Binding of the N-terminal Region of Coactivator TIF2 to the Intrinsically Disordered AF1 Domain of the Glucocorticoid Receptor Is Accompanied by Conformational Reorganizations. Journal of Biological Chemistry, 2012, 287, 44546-44560.	3.4	46
151	Genomic and Nongenomic Signaling Induced by 1Î±,25(OH)2-Vitamin D3 Promotes the Recovery of Amyloid-Î² Phagocytosis by Alzheimer's Disease Macrophages. Journal of Alzheimer's Disease, 2012, 29, 51-62.	2.6	107
152	TRPV4 Is a Regulator of Adipose Oxidative Metabolism, Inflammation, and Energy Homeostasis. Cell, 2012, 151, 96-110.	28.9	292
153	HDX Workbench: Software for the Analysis of H/D Exchange MS Data. Journal of the American Society for Mass Spectrometry, 2012, 23, 1512-1521.	2.8	258
154	Identification of SR2211: A Potent Synthetic RORÎ³-Selective Modulator. ACS Chemical Biology, 2012, 7, 672-677.	3.4	126
155	Hydrophobic Interactions Improve Selectivity to ERÎ± for Benzothiophene SERMs. ACS Medicinal Chemistry Letters, 2012, 3, 207-210.	2.8	15
156	Identification of a Selective RORÎ³ Ligand That Suppresses T_H17 Cells and Stimulates T Regulatory Cells. ACS Chemical Biology, 2012, 7, 1515-1519.	3.4	67
157	Molecular Mimicry Regulates ABA Signaling by SnRK2 Kinases and PP2C Phosphatases. Science, 2012, 335, 85-88.	12.6	439
158	Development of Novel Pharmacotherapeutics for Tobacco Dependence: Progress and Future Directions. Nicotine and Tobacco Research, 2012, 14, 1300-1318.	2.6	33
159	Identification and Mechanism of 10-Carbon Fatty Acid as Modulating Ligand of Peroxisome Proliferator-activated Receptors. Journal of Biological Chemistry, 2012, 287, 183-195.	3.4	119
160	MLN4924: a novel first-in-class inhibitor of NEDD8-activating enzyme for cancer therapy. Expert Opinion on Investigational Drugs, 2012, 21, 1563-1573.	4.1	154
161	Targeting Orphan Nuclear Receptors for Treatment of Metabolic Diseases and Autoimmunity. Chemistry and Biology, 2012, 19, 51-59.	6.0	101
162	Ligand and Receptor Dynamics Contribute to the Mechanism of Graded PPARÎ³ Agonism. Structure, 2012, 20, 139-150.	3.3	133

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163	Automated Hydrogen/Deuterium Exchange Electron Transfer Dissociation High Resolution Mass Spectrometry Measured at Single-Amide Resolution. Journal of the American Society for Mass Spectrometry, 2012, 23, 301-309.	2.8	79
164	Identification of a Novel Non-retinoid Pan Inverse Agonist of the Retinoic Acid Receptors. ACS Chemical Biology, 2011, 6, 618-627.	3.4	15
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