

# Douglas J Kojetin

## List of Publications by Year in descending order

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66  
papers

4,537  
citations

117625

34  
h-index

110387

64  
g-index

80  
all docs

80  
docs citations

80  
times ranked

6533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical systems biology reveals mechanisms of glucocorticoid receptor signaling. <i>Nature Chemical Biology</i> , 2021, 17, 307-316.	8.0	11
2	CAR directs T cell adaptation to bile acids in the small intestine. <i>Nature</i> , 2021, 593, 147-151.	27.8	36
3	Structural mechanism underlying ligand binding and activation of PPAR $\beta$ . <i>Structure</i> , 2021, 29, 940-950.e4.	3.3	19
4	Structural basis for heme-dependent NCoR binding to the transcriptional repressor REV-ERB $\beta$ . <i>Science Advances</i> , 2021, 7, .	10.3	13
5	Assessment of NR4A Ligands That Directly Bind and Modulate the Orphan Nuclear Receptor Nurr1. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15639-15654.	6.4	34
6	A molecular switch regulating transcriptional repression and activation of PPAR $\beta$ . <i>Nature Communications</i> , 2020, 11, 956.	12.8	45
7	Structural Basis of Altered Potency and Efficacy Displayed by a Major in Vivo Metabolite of the Antidiabetic PPAR $\beta$ Drug Pioglitazone. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2008-2023.	6.4	26
8	The Tat inhibitor didehydrocortistatin A suppresses SIV replication and reactivation. <i>FASEB Journal</i> , 2019, 33, 8280-8293.	0.5	17
9	Didehydro-Cortistatin A Inhibits HIV-1 by Specifically Binding to the Unstructured Basic Region of Tat. <i>MBio</i> , 2019, 10, .	4.1	56
10	Quantitative structural assessment of graded receptor agonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22179-22188.	7.1	21
11	PGRMC2 is an intracellular haem chaperone critical for adipocyte function. <i>Nature</i> , 2019, 576, 138-142.	27.8	96
12	Defining a Canonical Ligand-Binding Pocket in the Orphan Nuclear Receptor Nurr1. <i>Structure</i> , 2019, 27, 66-77.e5.	3.3	37
13	Cryptic glucocorticoid receptor-binding sites pervade genomic NF- $\kappa$ B response elements. <i>Nature Communications</i> , 2018, 9, 1337.	12.8	90
14	Defining a conformational ensemble that directs activation of PPAR $\beta$ . <i>Nature Communications</i> , 2018, 9, 1794.	12.8	53
15	A structural mechanism for directing corepressor-selective inverse agonism of PPAR $\beta$ . <i>Nature Communications</i> , 2018, 9, 4687.	12.8	38
16	Structural organization of a major neuronal G protein regulator, the RGS7-G $\alpha$ 25-R7BP complex. <i>ELife</i> , 2018, 7, .	6.0	18
17	REV-ERB $\beta$ Regulates TH17 Cell Development and Autoimmunity. <i>Cell Reports</i> , 2018, 25, 3733-3749.e8.	6.4	78
18	Chemical Crosslinking Mass Spectrometry Reveals the Conformational Landscape of the Activation Helix of PPAR $\beta$ ; a Model for Ligand-Dependent Antagonism. <i>Structure</i> , 2018, 26, 1431-1439.e6.	3.3	24

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19	Cooperative cobinding of synthetic and natural ligands to the nuclear receptor PPAR $\beta$ . <i>ELife</i> , 2018, 7, .	6.0	53
20	Modification of the Orthosteric PPAR $\beta$ Covalent Antagonist Scaffold Yields an Improved Dual-Site Allosteric Inhibitor. <i>ACS Chemical Biology</i> , 2017, 12, 969-978.	3.4	36
21	Systems Structural Biology Analysis of Ligand Effects on ER $\alpha$ Predicts Cellular Response to Environmental Estrogens and Anti-hormone Therapies. <i>Cell Chemical Biology</i> , 2017, 24, 35-45.	5.2	34
22	Tethering not required: the glucocorticoid receptor binds directly to activator protein-1 recognition motifs to repress inflammatory genes. <i>Nucleic Acids Research</i> , 2017, 45, 8596-8608.	14.5	69
23	Synergistic Regulation of Coregulator/Nuclear Receptor Interaction by Ligand and DNA. <i>Structure</i> , 2017, 25, 1506-1518.e4.	3.3	45
24	Identification of a Binding Site for Unsaturated Fatty Acids in the Orphan Nuclear Receptor Nurr1. <i>ACS Chemical Biology</i> , 2016, 11, 1795-1799.	3.4	59
25	Mechanistic insight into protein modification and sulfur mobilization activities of noncanonical E1 and associated ubiquitin-like proteins of Archaea. <i>FEBS Journal</i> , 2016, 283, 3567-3586.	4.7	21
26	Activity-Based Profiling Reveals a Regulatory Link between Oxidative Stress and Protein Arginine Phosphorylation. <i>Cell Chemical Biology</i> , 2016, 23, 967-977.	5.2	42
27	Probing the Complex Binding Modes of the PPAR $\beta$ Partial Agonist 2-Chloro-N-(3-chloro-4-((5-chlorobenzothiazol-2-yl)thio)phenyl)-4-(trifluoromethyl)benzenesulfonamide (T2384) to Orthosteric and Allosteric Sites with NMR Spectroscopy. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10335-10341.	6.4	24
28	Ebselen, a Small-Molecule Capsid Inhibitor of HIV-1 Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2195-2208.	3.2	91
29	Distal substitutions drive divergent DNA specificity among paralogous transcription factors through subdivision of conformational space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 326-331.	7.1	28
30	Pharmacological repression of PPAR $\beta$ promotes osteogenesis. <i>Nature Communications</i> , 2015, 6, 7443.	12.8	99
31	Anti-proliferative actions of a synthetic REV-ERB $\beta$ / $\delta$ agonist in breast cancer cells. <i>Biochemical Pharmacology</i> , 2015, 96, 315-322.	4.4	59
32	Structural mechanism for signal transduction in RXR nuclear receptor heterodimers. <i>Nature Communications</i> , 2015, 6, 8013.	12.8	101
33	Deconvolution of Complex 1D NMR Spectra Using Objective Model Selection. <i>PLoS ONE</i> , 2015, 10, e0134474.	2.5	15
34	Resveratrol modulates the inflammatory response via an estrogen receptor-signal integration network. <i>ELife</i> , 2014, 3, e02057.	6.0	113
35	Structure of REV-ERB $\beta$ Ligand-binding Domain Bound to a Porphyrin Antagonist. <i>Journal of Biological Chemistry</i> , 2014, 289, 20054-20066.	3.4	22
36	REV-ERB and ROR nuclear receptors as drug targets. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 197-216.	46.4	437

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37	Conserved sequence-specific lincRNAâ€“steroid receptor interactions drive transcriptional repression and direct cell fate. <i>Nature Communications</i> , 2014, 5, 5395.	12.8	103
38	An alternate binding site for PPAR $\beta$ ligands. <i>Nature Communications</i> , 2014, 5, 3571.	12.8	148
39	Conformational Allostery in Nuclear Receptor/Coregulator Transcriptional Complexes. <i>Biophysical Journal</i> , 2014, 106, 686a.	0.5	0
40	Ligand-binding dynamics rewire cellular signaling via estrogen receptor- $\beta$ . <i>Nature Chemical Biology</i> , 2013, 9, 326-332.	8.0	53
41	Nuclear Receptors and Their Selective Pharmacologic Modulators. <i>Pharmacological Reviews</i> , 2013, 65, 710-778.	16.0	207
42	Small Molecule Modulation of Nuclear Receptor Conformational Dynamics: Implications for Function and Drug Discovery. <i>Molecular Pharmacology</i> , 2013, 83, 1-8.	2.3	100
43	Small molecule tertiary amines as agonists of the nuclear hormone receptor Rev-erb $\beta$ . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4413-4417.	2.2	16
44	Regulation of circadian behaviour and metabolism by synthetic REV-ERB agonists. <i>Nature</i> , 2012, 485, 62-68.	27.8	638
45	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ chemical shift assignments for the human Pitx2 homeodomain in complex with a 22-base hairpin DNA. <i>Biomolecular NMR Assignments</i> , 2012, 6, 79-81.	0.8	0
46	Synthesis and SAR of tetrahydroisoquinolines as Rev-erb $\beta$ agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3739-3742.	2.2	22
47	Ligand and Receptor Dynamics Contribute to the Mechanism of Graded PPAR $\beta$ Agonism. <i>Structure</i> , 2012, 20, 139-150.	3.3	133
48	Regulation of p53 Stability and Apoptosis by a ROR Agonist. <i>PLoS ONE</i> , 2012, 7, e34921.	2.5	54
49	Identification of SR8278, a Synthetic Antagonist of the Nuclear Heme Receptor REV-ERB. <i>ACS Chemical Biology</i> , 2011, 6, 131-134.	3.4	152
50	Identification of SR3335 (ML-176): A Synthetic ROR $\alpha$ Selective Inverse Agonist. <i>ACS Chemical Biology</i> , 2011, 6, 218-222.	3.4	114
51	DNA binding alters coactivator interaction surfaces of the intact VDRâ€“RXR complex. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 556-563.	8.2	185
52	Observing selected domains in multi-domain proteins via sortase-mediated ligation and NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2011, 49, 3-7.	2.8	40
53	$^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ chemical shift assignments for the human Pitx2 homeodomain and a R24H homeodomain mutant. <i>Biomolecular NMR Assignments</i> , 2011, 5, 105-107.	0.8	4
54	The REV-ERBs and RORs: molecular links between circadian rhythms and lipid homeostasis. <i>Future Medicinal Chemistry</i> , 2011, 3, 623-638.	2.3	131

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55	Characterization of the Core Mammalian Clock Component, NPAS2, as a REV-ERB $\beta$ /ROR $\alpha$ Target Gene. <i>Journal of Biological Chemistry</i> , 2010, 285, 35386-35392.	3.4	117
56	Structural and Motional Contributions of the Bacillus subtilis ClpC N-Domain to Adaptor Protein Interactions. <i>Journal of Molecular Biology</i> , 2009, 387, 639-652.	4.2	18
57	Insights into the Nature of DNA Binding of AbrB-like Transcription Factors. <i>Structure</i> , 2008, 16, 1702-1713.	3.3	30
58	Implications of the binding of tamoxifen to the coactivator recognition site of the estrogen receptor. <i>Endocrine-Related Cancer</i> , 2008, 15, 851-870.	3.1	49
59	Classification of Response Regulators Based on Their Surface Properties. <i>Methods in Enzymology</i> , 2007, 422, 141-169.	1.0	2
60	NMR assignment of the N-terminal repeat domain of Bacillus subtilis ClpC. <i>Biomolecular NMR Assignments</i> , 2007, 1, 163-165.	0.8	2
61	Structure, binding interface and hydrophobic transitions of Ca <sup>2+</sup> -loaded calbindin-D28K. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 641-647.	8.2	75
62	Structural Analysis of Divalent Metals Binding to the Bacillus subtilis Response Regulator Spo0F: The Possibility for In Vitro Metalloregulation in the Initiation of Sporulation. <i>BioMetals</i> , 2005, 18, 449-466.	4.1	19
63	Solution Structure and Dynamics of LuxU from Vibrio harveyi, a Phosphotransferase Protein Involved in Bacterial Quorum Sensing. <i>Journal of Molecular Biology</i> , 2005, 347, 297-307.	4.2	20
64	Corrigendum to: Sub-classification of response regulators using the surface characteristics of their receiver domains (FEBS 27785). <i>FEBS Letters</i> , 2004, 560, 227-228.	2.8	1
65	Sub-classification of response regulators using the surface characteristics of their receiver domains. <i>FEBS Letters</i> , 2003, 554, 231-236.	2.8	7
66	Alternative Splicing of a $\beta$ 2 Subunit Proline-Rich Motif Regulates Voltage-Dependent Gating and Toxin Block of Cav2.1 Ca <sup>2+</sup> Channels. <i>Journal of Neuroscience</i> , 2002, 22, 9331-9339.	3.6	25