Stefano Fiorucci

List of Publications by Year
in descending order

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248	16,061	16451 64	20358 116
papers	citations	h-index	g-index

254	254	254	15329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen sulfide is an endogenous modulator of leukocyteâ€mediated inflammation. FASEB Journal, 2006, 20, 2118-2120.	0.5	765
2	6Î±-Ethyl-Chenodeoxycholic Acid (6-ECDCA), a Potent and Selective FXR Agonist Endowed with Anticholestatic Activity. Journal of Medicinal Chemistry, 2002, 45, 3569-3572.	6.4	677
3	The third gas: H2S regulates perfusion pressure in both the isolated and perfused normal rat liver and in cirrhosis. Hepatology, 2005, 42, 539-548.	7.3	504
4	The Bile Acid Receptor FXR Is a Modulator of Intestinal Innate Immunity. Journal of Immunology, 2009, 183, 6251-6261.	0.8	485
5	The nuclear receptor SHP mediates inhibition of hepatic stellate cells by FXR and protects against liver fibrosis. Gastroenterology, 2004, 127, 1497-1512.	1.3	406
6	Bile Acid-Activated Receptors, Intestinal Microbiota, and the Treatment of Metabolic Disorders. Trends in Molecular Medicine, 2015, 21, 702-714.	6.7	368
7	FXR activation reverses insulin resistance and lipid abnormalities and protects against liver steatosis in Zucker (fa/fa) obese rats. Journal of Lipid Research, 2010, 51, 771-784.	4.2	363
8	The Emerging Roles of Hydrogen Sulfide in the Gastrointestinal Tract and Liver. Gastroenterology, 2006, 131, 259-271.	1.3	343
9	Bile Acids Activated Receptors Regulate Innate Immunity. Frontiers in Immunology, 2018, 9, 1853.	4.8	334
10	The Bile Acid Receptor GPBAR-1 (TGR5) Modulates Integrity of Intestinal Barrier and Immune Response to Experimental Colitis. PLoS ONE, 2011, 6, e25637.	2.5	297
11	Bile-acid-activated receptors: targeting TGR5 and farnesoid-X-receptor in lipid and glucose disorders. Trends in Pharmacological Sciences, 2009, 30, 570-580.	8.7	295
12	Dual inhibitors of cyclooxygenase and 5-lipoxygenase. A new avenue in anti-inflammatory therapy? 1 1Abbreviations: NSAIDs, nonsteroidal anti-inflammatory drugs; COX, cyclooxygenase; LT, leukotriene; 5-LOX, 5-lipoxygenase; PG, prostaglandin; DFU, 5,5-dimethyl-3-(3-fluorophenyl)-4-(4-methylsuphonyl)-phenyl-2(5H)-furanone; and DFP, diisopropyl fluorophosphate.. Biochemical Pharmacology, 2001, 62, 1433-1438.	4.4	264
13	Gut microbiota role in irritable bowel syndrome: New therapeutic strategies. World Journal of Gastroenterology, 2016, 22, 2219-2241.	3.3	249
14	Evidence That Hydrogen Sulfide Exerts Antinociceptive Effects in the Gastrointestinal Tract by Activating KATP Channels. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 325-335.	2.5	238
15	The Bile Acid Receptor GPBAR1 Regulates the M1/M2 Phenotype of Intestinal Macrophages and Activation of GPBAR1 Rescues Mice from Murine Colitis. Journal of Immunology, 2017, 199, 718-733.	0.8	198
16	Protective Effects of 6-Ethyl Chenodeoxycholic Acid, a Farnesoid X Receptor Ligand, in Estrogen-Induced Cholestasis. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 604-612.	2.5	190
17	Targeting farnesoid X receptor for liver and metabolic disorders. Trends in Molecular Medicine, 2007, 13, 298-309.	6.7	179
18	A Farnesoid X Receptor-Small Heterodimer Partner Regulatory Cascade Modulates Tissue Metalloproteinase Inhibitor-1 and Matrix Metalloprotease Expression in Hepatic Stellate Cells and Promotes Resolution of Liver Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 584-595.	2.5	176

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19	Modulation of Intestinal Microbiota by the Probiotic VSL#3 Resets Brain Gene Expression and Ameliorates the Age-Related Deficit in LTP. PLoS ONE, 2014, 9, e106503.	2.5	175
20	Cross-Talk between Farnesoid-X-Receptor (FXR) and Peroxisome Proliferator-Activated Receptor Î³ Contributes to the Antifibrotic Activity of FXR Ligands in Rodent Models of Liver Cirrhosis. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 58-68.	2.5	169
21	Endothelial nitric oxide synthase: the Cinderella of inflammation?. Trends in Pharmacological Sciences, 2003, 24, 91-95.	8.7	167
22	Bile Acid Derivatives as Ligands of the Farnesoid X Receptor. Synthesis, Evaluation, and Structureâ^'Activity Relationship of a Series of Body and Side Chain Modified Analogues of Chenodeoxycholic Acid. Journal of Medicinal Chemistry, 2004, 47, 4559-4569.	6.4	166
23	Antiatherosclerotic effect of farnesoid X receptor. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H272-H281.	3.2	166
24	The bile acid sensor FXR regulates insulin transcription and secretion. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 363-372.	3.8	153
25	PAR1 antagonism protects against experimental liver fibrosis. Role of proteinase receptors in stellate cell activation. Hepatology, 2004, 39, 365-375.	7.3	149
26	Galectin-1 exerts immunomodulatory and protective effects on concanavalin a-induced hepatitis in mice. Hepatology, 2000, 31, 399-406.	7.3	148
27	A Â-oxidation-resistant lipoxin A4 analog treats hapten-induced colitis by attenuating inflammation and immune dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15736-15741.	7.1	148
28	The Farnesoid X Receptor Promotes Adipocyte Differentiation and Regulates Adipose Cell Function in Vivo. Molecular Pharmacology, 2006, 70, 1164-1173.	2.3	145
29	The Bile Acid Sensor Farnesoid X Receptor Is a Modulator of Liver Immunity in a Rodent Model of Acute Hepatitis. Journal of Immunology, 2009, 183, 6657-6666.	0.8	134
30	5-Amino-2-hydroxybenzoic Acid 4-(5-Thioxo-5H-[1,2]dithiol-3yl)-phenyl Ester (ATB-429), a Hydrogen Sulfide-Releasing Derivative of Mesalamine, Exerts Antinociceptive Effects in a Model of Postinflammatory Hypersensitivity. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 447-458.	2.5	130
31	Potential cardioprotective actions of no-releasing aspirin. Nature Reviews Drug Discovery, 2002, 1, 375-382.	46.4	129
32	Farnesoid X Receptor:Â From Structure to Potential Clinical Applications. Journal of Medicinal Chemistry, 2005, 48, 5383-5403.	6.4	125
33	Bile acid-activated receptors in the treatment of dyslipidemia and related disorders. Progress in Lipid Research, 2010, 49, 171-185.	11.6	121
34	PPARs and other nuclear receptors in inflammation. Current Opinion in Pharmacology, 2006, 6, 421-427.	3.5	119
35	Interaction of a selective cyclooxygenase-2 inhibitor with aspirin and NO-releasing aspirin in the human gastric mucosa. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10937-10941.	7.1	118
36	Efficacy of the CCR5 Antagonist Maraviroc in Reducing Early, Ritonavir-Induced Atherogenesis and Advanced Plaque Progression in Mice. Circulation, 2013, 127, 2114-2124.	1.6	114

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37	Importance of Innate Immunity and Collagen Binding Integrin Î±1Î²1 in TNBS-Induced Colitis. Immunity, 2002, 17, 769-780.	14.3	112
38	Bile acids and their receptors in metabolic disorders. Progress in Lipid Research, 2021, 82, 101094.	11.6	112
39	Bile Acid Signaling in Inflammatory Bowel Diseases. Digestive Diseases and Sciences, 2021, 66, 674-693.	2.3	102
40	IL-1Î² Converting Enzyme Is a Target for Nitric Oxide-Releasing Aspirin: New Insights in the Antiinflammatory Mechanism of Nitric Oxide-Releasing Nonsteroidal Antiinflammatory Drugs. Journal of Immunology, 2000, 165, 5245-5254.	0.8	101
41	Inhibition of NF-Î°B by a PXR-dependent pathway mediates counter-regulatory activities of rifaximin on innate immunity in intestinal epithelial cells. European Journal of Pharmacology, 2011, 668, 317-324.	3.5	97
42	Role of FXR in Regulating Bile Acid Homeostasis and Relevance for Human Diseases. Current Drug Targets Immune, Endocrine and Metabolic Disorders, 2005, 5, 289-303.	1.8	96
43	BAR502, a dual FXR and GPBAR1 agonist, promotes browning of white adipose tissue and reverses liver steatosis and fibrosis. Scientific Reports, 2017, 7, 42801.	3.3	94
44	VSL#3 Resets Insulin Signaling and Protects against NASH and Atherosclerosis in a Model of Genetic Dyslipidemia and Intestinal Inflammation. PLoS ONE, 2012, 7, e45425.	2.5	90
45	Probiotics VSL#3 Protect against Development of Visceral Pain in Murine Model of Irritable Bowel Syndrome. PLoS ONE, 2013, 8, e63893.	2.5	89
46	Inhibition of Intestinal Bacterial Translocation with Rifaximin Modulates Lamina propria Monocytic Cells Reactivity and Protects against Inflammation in a Rodent Model of Colitis. Digestion, 2002, 66, 246-256.	2.3	88
47	Pregnane-X-receptor mediates the anti-inflammatory activities of rifaximin on detoxification pathways in intestinal epithelial cells. Biochemical Pharmacology, 2010, 80, 1700-1707.	4.4	86
48	Probiotics Modulate Intestinal Expression of Nuclear Receptor and Provide Counter-Regulatory Signals to Inflammation-Driven Adipose Tissue Activation. PLoS ONE, 2011, 6, e22978.	2.5	83
49	A role for proteinase-activated receptorâ€“1 in inflammatory bowel diseases. Journal of Clinical Investigation, 2004, 114, 1444-1456.	8.2	82
50	The Bile Acid Sensor FXR Is Required for Immune-Regulatory Activities of TLR-9 in Intestinal Inflammation. PLoS ONE, 2013, 8, e54472.	2.5	82
51	Quantitative NMR-Derived Interproton Distances Combined with Quantum Mechanical Calculations of ¹³C Chemical Shifts in the Stereochemical Determination of Conicasterol F, a Nuclear Receptor Ligand from Theonella swinhoei. Journal of Organic Chemistry, 2012, 77, 1489-1496.	3.2	81
52	NO-naproxen modulates inflammation, nociception and downregulates T cell response in rat Freund's adjuvant arthritis. British Journal of Pharmacology, 2000, 130, 1399-1405.	5.4	80
53	Design, Synthesis, and Biological Evaluation of Potent Dual Agonists of Nuclear and Membrane Bile Acid Receptors. Journal of Medicinal Chemistry, 2014, 57, 937-954.	6.4	79
54	The Pharmacology of Bile Acids and Their Receptors. Handbook of Experimental Pharmacology, 2019, 256, 3-18.	1.8	79

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55	NCX-1000, a nitric oxide-releasing derivative of ursodeoxycholic acid, ameliorates portal hypertension and lowers norepinephrine-induced intrahepatic resistance in the isolated and perfused rat liver. Journal of Hepatology, 2003, 39, 932-939.	3.7	77
56	Exploitation of Cholane Scaffold for the Discovery of Potent and Selective Farnesoid X Receptor (FXR) and G-Protein Coupled Bile Acid Receptor 1 (GP-BAR1) Ligands. Journal of Medicinal Chemistry, 2014, 57, 8477-8495.	6.4	76
57	Hijacking SARS-CoV-2/ACE2 Receptor Interaction by Natural and Semi-synthetic Steroidal Agents Acting on Functional Pockets on the Receptor Binding Domain. Frontiers in Chemistry, 2020, 8, 572885.	3.6	76
58	Nitric Oxide???Releasing NSAIDs. Drug Safety, 2001, 24, 801-811.	3.2	74
59	The Methyl Transferase PRMT1 Functions as Co-Activator of Farnesoid X Receptor (FXR)/9-cis Retinoid X Receptor and Regulates Transcription of FXR Responsive Genes. Molecular Pharmacology, 2005, 68, 551-558.	2.3	74
60	The plant sterol guggulsterone attenuates inflammation and immune dysfunction in murine models of inflammatory bowel disease. Biochemical Pharmacology, 2009, 78, 1214-1223.	4.4	74
61	Nonlinear partial differential equations and applications: NCX-1015, a nitric-oxide derivative of prednisolone, enhances regulatory T cells in the lamina propria and protects against 2,4,6-trinitrobenzene sulfonic acid-induced colitis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15770-15775.	7.1	72
62	Farnesoid X receptor modulators 2014-present: a patent review. Expert Opinion on Therapeutic Patents, 2018, 28, 351-364.	5.0	72
63	Disruption of an SP2/KLF6 Repression Complex by SHP Is Required for Farnesoid X Receptor-induced Endothelial Cell Migration. Journal of Biological Chemistry, 2006, 281, 39105-39113.	3.4	69
64	Involvement of CD44 variant isoforms in hyaluronate adhesion by human activated T cells. European Journal of Immunology, 1995, 25, 2932-2939.	2.9	67
65	Bile acid modulators for the treatment of nonalcoholic steatohepatitis (NASH). Expert Opinion on Investigational Drugs, 2020, 29, 623-632.	4.1	67
66	FXR an emerging therapeutic target for the treatment of atherosclerosis. Journal of Cellular and Molecular Medicine, 2010, 14, 79-92.	3.6	66
67	Relative contribution of acetylated cyclooxygenase (COX)â€2 and 5â€lipooxygenase (LOX) in regulating gastric mucosal integrity and adaptation to aspirin. FASEB Journal, 2003, 17, 1171-1173.	0.5	63
68	The methionine connection: Homocysteine and hydrogen sulfide exert opposite effects on hepatic microcirculation in rats. Hepatology, 2008, 47, 659-667.	7.3	63
69	Discovery That Theonellasterol a Marine Sponge Sterol Is a Highly Selective FXR Antagonist That Protects against Liver Injury in Cholestasis. PLoS ONE, 2012, 7, e30443.	2.5	62
70	Modification on Ursodeoxycholic Acid (UDCA) Scaffold. Discovery of Bile Acid Derivatives As Selective Agonists of Cell-Surface G-Protein Coupled Bile Acid Receptor 1 (GP-BAR1). Journal of Medicinal Chemistry, 2014, 57, 7687-7701.	6.4	62
71	Theonellasterols and Conicasterols fromTheonella swinhoei. Novel Marine Natural Ligands for Human Nuclear Receptors. Journal of Medicinal Chemistry, 2011, 54, 3065-3075.	6.4	61
72	Targeting Farnesoid-X-Receptor: From Medicinal Chemistry to Disease Treatment. Current Medicinal Chemistry, 2010, 17, 139-159.	2.4	59

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73	Discovery of Sulfated Sterols from Marine Invertebrates as a New Class of Marine Natural Antagonists of Farnesoid-X-Receptor. Journal of Medicinal Chemistry, 2011, 54, 1314-1320.	6.4	59
74	Farnesoid X receptor suppresses constitutive androstane receptor activity at the multidrug resistance protein-4 promoter. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2011, 1809, 157-165.	1.9	59
75	A magic bullet for mucosal protectionâ€¦and aspirin is the trigger!. Trends in Pharmacological Sciences, 2003, 24, 323-326.	8.7	58
76	21-NO-prednisolone is a novel nitric oxide-releasing derivative of prednisolone with enhanced anti-inflammatory properties. British Journal of Pharmacology, 2000, 131, 1345-1354.	5.4	56
77	Proteinase-activated Receptor-1 is an Anti-Inflammatory Signal for Colitis Mediated by a Type 2 Immune Response. Inflammatory Bowel Diseases, 2005, 11, 792-798.	1.9	56
78	Severe gastric mucosal damage induced by NSAIDs in healthy subjects is associated withHelicobacter pylori infection and high levels of serum pepsinogens. Digestive Diseases and Sciences, 1995, 40, 2074-2080.	2.3	55
79	Diabetic Mouse Angiopathy Is Linked to Progressive Sympathetic Receptor Deletion Coupled to an Enhanced Caveolin-1 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 721-726.	2.4	55
80	Obeticholic Acid: An Update of Its Pharmacological Activities in Liver Disorders. Handbook of Experimental Pharmacology, 2019, 256, 283-295.	1.8	55
81	Future trends in the treatment of non-alcoholic steatohepatitis. Pharmacological Research, 2018, 134, 289-298.	7.1	54
82	Bile-acid-activated farnesoid X receptor regulates hydrogen sulfide production and hepatic microcirculation. World Journal of Gastroenterology, 2009, 15, 2097.	3.3	54
83	Total Synthesis and Pharmacological Characterization of Solomonsterol A, a Potent Marine Pregnane-X-Receptor Agonist Endowed with Anti-Inflammatory Activity. Journal of Medicinal Chemistry, 2011, 54, 4590-4599.	6.4	53
84	Inhibition of Chronic Ulcerative Colitis-associated Adenocarcinoma Development in Mice by VSL#3. Inflammatory Bowel Diseases, 2015, 21, 1027-1037.	1.9	53
85	Farnesoid X receptor agonists in biliary tract disease. Current Opinion in Gastroenterology, 2009, 25, 252-259.	2.3	52
86	Aspirin-Triggered, Cyclooxygenase-2â€“Dependent Lipoxin Synthesis Modulates Vascular Tone. Circulation, 2004, 110, 1320-1325.	1.6	51
87	Solomonsterols A and B fromTheonella swinhoei. The First Example of C-24 and C-23 Sulfated Sterols from a Marine Source Endowed with a PXR Agonistic Activity. Journal of Medicinal Chemistry, 2011, 54, 401-405.	6.4	51
88	Dissociation of Intestinal and Hepatic Activities of FXR and LXRÎ± Supports Metabolic Effects of Terminal Ileum Interposition in Rodents. Diabetes, 2013, 62, 3384-3393.	0.6	51
89	Reversal of Endothelial Dysfunction by GPBAR1 Agonism in Portal Hypertension Involves a AKT/FOXOA1 Dependent Regulation of H2S Generation and Endothelin-1. PLoS ONE, 2015, 10, e0141082.	2.5	51
90	Evidence that 5-lipoxygenase and acetylated cyclooxygenase 2-derived eicosanoids regulate leukocyte-endothelial adherence in response to aspirin. British Journal of Pharmacology, 2003, 139, 1351-1359.	5.4	50

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91	NCX-4016 (NO-Aspirin) Inhibits Lipopolysaccharide-Induced Tissue Factor Expression In Vivo. Circulation, 2002, 106, 3120-3125.	1.6	49
92	Binding Mechanism of the Farnesoid X Receptor Marine Antagonist Suvanine Reveals a Strategy To Forestall Drug Modulation on Nuclear Receptors. Design, Synthesis, and Biological Evaluation of Novel Ligands. Journal of Medicinal Chemistry, 2013, 56, 4701-4717.	6.4	49
93	Metabolic Variability of a Multispecies Probiotic Preparation Impacts on the Anti-inflammatory Activity. Frontiers in Pharmacology, 2017, 8, 505.	3.5	49
94	Glucocorticoid receptor mediates the gluconeogenic activity of the farnesoid X receptor in the fasting condition. FASEB Journal, 2012, 26, 3021-3031.	0.5	48
95	Highly specific blockade of CCR5 inhibits leukocyte trafficking and reduces mucosal inflammation in murine colitis. Scientific Reports, 2016, 6, 30802.	3.3	48
96	Nitric oxide modulates proapoptotic and antiapoptotic properties of chemotherapy agents: the case of NOâ€pegylated epirubicin. FASEB Journal, 2006, 20, 765-767.	0.5	47
97	Marine sponge steroids as nuclear receptor ligands. Trends in Pharmacological Sciences, 2012, 33, 591-601.	8.7	47
98	Plakilactones from the Marine Sponge Plakinastrella mamillaris. Discovery of a New Class of Marine Ligands of Peroxisome Proliferator-Activated Receptor Î³. Journal of Medicinal Chemistry, 2012, 55, 8303-8317.	6.4	47
99	CCR5 Antagonism by Maraviroc Reduces the Potential for Gastric Cancer Cell Dissemination. Translational Oncology, 2013, 6, 784-793.	3.7	47
100	Role of PAR2 in pain and inflammation. Trends in Pharmacological Sciences, 2002, 23, 153-155.	8.7	46
101	Back Door Modulation of the Farnesoid X Receptor:Â Design, Synthesis, and Biological Evaluation of a Series of Side Chain Modified Chenodeoxycholic Acid Derivatives. Journal of Medicinal Chemistry, 2006, 49, 4208-4215.	6.4	46
102	Receptor-ligand interactions: Advanced biomedical applications. Materials Science and Engineering C, 2016, 68, 890-903.	7.3	46
103	Co-Administration of Nitric Oxide-Aspirin (NCX-4016) and Aspirin Prevents Platelet and Monocyte Activation and Protects Against Gastric Damage Induced by Aspirin in Humans. Journal of the American College of Cardiology, 2004, 44, 635-641.	2.8	45
104	Cystathionine Î³-lyase, a H₂S-generating enzyme, is a GPBAR1-regulated gene and contributes to vasodilation caused by secondary bile acids. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H114-H126.	3.2	45
105	The bile acid receptor GPBAR1 (TGR5) is expressed in human gastric cancers and promotes epithelial-mesenchymal transition in gastric cancer cell lines. Oncotarget, 2016, 7, 61021-61035.	1.8	44
106	Conicasterol E, a Small Heterodimer Partner Sparing Farnesoid X Receptor Modulator Endowed with a Pregnane X Receptor Agonistic Activity, from the Marine Sponge Theonella swinhoei. Journal of Medicinal Chemistry, 2012, 55, 84-93.	6.4	43
107	Impaired Itching Perception in Murine Models of Cholestasis Is Supported by Dysregulation of GPBAR1 Signaling. PLoS ONE, 2015, 10, e0129866.	2.5	43
108	Interactions Between Nuclear Receptor SHP and FOXA1 Maintain Oscillatory Homocysteine Homeostasis in Mice. Gastroenterology, 2015, 148, 1012-1023.e14.	1.3	43

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109	Cooperation between Aspirin-Triggered Lipoxin and Nitric Oxide (NO) Mediates Antiadhesive Properties of 2-(Acetyloxy)benzoic Acid 3-(Nitrooxymethyl)phenyl Ester (NCX-4016) (NO-Aspirin) on Neutrophil-Endothelial Cell Adherence. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 1174-1182.	2.5	42
110	SHP-dependent and -independent induction of peroxisome proliferator-activated receptor-Î³ by the bile acid sensor farnesoid X receptor counter-regulates the pro-inflammatory phenotype of liver myofibroblasts. Inflammation Research, 2011, 60, 577-587.	4.0	42
111	Farnesoid X receptor: from medicinal chemistry to clinical applications. Future Medicinal Chemistry, 2012, 4, 877-891.	2.3	42
112	Neurohumoral control of gallbladder motility in healthy subjects and diabetic patients with or without autonomic neuropathy. Digestive Diseases and Sciences, 1990, 35, 1089-1097.	2.3	41
113	NCXâ€4016, a nitric oxideâ€releasing aspirin, protects endothelial cells against apoptosis by modulating mitochondrial function. FASEB Journal, 2002, 16, 1645-1647.	0.5	41
114	Oxygenated Polyketides from Plakinastrella mamillaris as a New Chemotype of PXR Agonists. Marine Drugs, 2013, 11, 2314-2327.	4.6	41
115	Chenodeoxycholic Acid: An Update on Its Therapeutic Applications. Handbook of Experimental Pharmacology, 2019, 256, 265-282.	1.8	41
116	Hydrogen Sulphide Induces Î¼ Opioid Receptor-Dependent Analgesia in a Rodent Model of Visceral Pain. Molecular Pain, 2010, 6, 1744-8069-6-36.	2.1	40
117	4-Methylenesterols from Theonella swinhoei sponge are natural pregnane-X-receptor agonists and farnesoid-X-receptor antagonists that modulate innate immunity. Steroids, 2012, 77, 484-495.	1.8	40
118	Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis. FASEB Journal, 2019, 33, 2809-2822.	0.5	40
119	Erythromycin stimulates gallbladder emptying and motilin release by atropine-sensitive pathways. Digestive Diseases and Sciences, 1992, 37, 1678-1684.	2.3	39
120	Bile Acids Activated Receptors in Inflammatory Bowel Disease. Cells, 2021, 10, 1281.	4.1	39
121	Insights on FXR selective modulation. Speculation on bile acid chemical space in the discovery of potent and selective agonists. Scientific Reports, 2016, 6, 19008.	3.3	38
122	Decoding the vasoregulatory activities of bile acid-activated receptors in systemic and portal circulation: role of gaseous mediators. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H21-H32.	3.2	38
123	Ursodeoxycholic acid is a GPBAR1 agonist and resets liver/intestinal FXR signaling in a model of diet-induced dysbiosis and NASH. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1422-1437.	2.4	37
124	GPBAR1 Functions as Gatekeeper for Liver NKT Cells and provides Counterregulatory Signals in Mouse Models of Immune-Mediated Hepatitis. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 447-473.	4.5	37
125	Targeting FXR in cholestasis: hype or hope. Expert Opinion on Therapeutic Targets, 2014, 18, 1449-59.	3.4	37
126	Proteinase-Activated Receptor-2 Mediates Arterial Vasodilation in Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2349-2354.	2.4	36

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127	Essential requirement for sphingosine kinase activity in eNOSâ€dependent NO release and vasorelaxation. FASEB Journal, 2006, 20, 340-342.	0.5	36
128	Development of FXR, PXR and CAR Agonists and Antagonists for Treatment of Liver Disorders. Current Topics in Medicinal Chemistry, 2012, 12, 605-624.	2.1	36
129	Gpbar1 agonism promotes a Pgc-1Î±-dependent browning of white adipose tissue and energy expenditure and reverses diet-induced steatohepatitis in mice. Scientific Reports, 2017, 7, 13689.	3.3	36
130	Towards new ligands of nuclear receptors. Discovery of malaitasterol A, an unique bis-secosterol from marine sponge Theonella swinhoei. Organic and Biomolecular Chemistry, 2011, 9, 4856.	2.8	35
131	Anti-Very Late Antigen-1 Monoclonal Antibody Modulates the Development of Secondary Lesion and T-Cell Response in Experimental Arthritis. Laboratory Investigation, 2000, 80, 73-80.	3.7	33
132	Nitric Oxide Regulates Immune Cell Bioenergetic: A Mechanism to Understand Immunomodulatory Functions of Nitric Oxide-Releasing Anti-Inflammatory Drugs. Journal of Immunology, 2004, 173, 874-882.	0.8	33
133	Bile acid-activated receptors and the regulation of macrophages function in metabolic disorders. Current Opinion in Pharmacology, 2020, 53, 45-54.	3.5	33
134	Activation of the farnesoid-X receptor protects against gastrointestinal injury caused by non-steroidal anti-inflammatory drugs in mice. British Journal of Pharmacology, 2011, 164, 1929-1938.	5.4	32
135	Steroidal scaffolds as FXR and GPBAR1 ligands: from chemistry to therapeutical application. Future Medicinal Chemistry, 2015, 7, 1109-1135.	2.3	32
136	Divergent Effectiveness of Multispecies Probiotic Preparations on Intestinal Microbiota Structure Depends on Metabolic Properties. Nutrients, 2019, 11, 325.	4.1	32
137	Effect of erythromycin on gallbladder emptying in diabetic patients with and without autonomic neuropathy and high levels of motilin. Digestive Diseases and Sciences, 1992, 37, 1671-1677.	2.3	31
138	Endocrine activities and adipogenic effects of bisphenol AF and its main metabolite. Chemosphere, 2019, 215, 870-880.	8.2	31
139	Hyodeoxycholic acid derivatives as liver X receptor Î± and G-protein-coupled bile acid receptor agonists. Scientific Reports, 2017, 7, 43290.	3.3	30
140	Cardiac safety and antitumoral activity of a new nitric oxide derivative of pegylated epirubicin in mice. Anti-Cancer Drugs, 2007, 18, 1081-1091.	1.4	28
141	The Bile Acid Sensor FXR Protects against Dyslipidemia and Aortic Plaques Development Induced by the HIV Protease Inhibitor Ritonavir in Mice. PLoS ONE, 2010, 5, e13238.	2.5	28
142	Investigation around the Oxadiazole Core in the Discovery of a New Chemotype of Potent and Selective FXR Antagonists. ACS Medicinal Chemistry Letters, 2019, 10, 504-510.	2.8	27
143	Novel Isoxazole Derivatives with Potent FXR Agonistic Activity Prevent Acetaminophen-Induced Liver Injury. ACS Medicinal Chemistry Letters, 2019, 10, 407-412.	2.8	27
144	Nitric Oxide (NO)-Releasing Naproxen (HCT-3012 [(S)-6-Methoxy-Î±-methyl-2-naphthaleneacetic Acid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf for Aspirin-Triggered Lipoxin, Prostaglandins, and NO in Gastric Protection. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 1264-1271.	2.5	26

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