

Jean SÃ©vigny

List of Publications by Year in descending order

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308
papers

13,881
citations

26630

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docs citations

312
times ranked

11698
citing authors

#	ARTICLE	IF	CITATIONS
1	The E-NTPDase family of ectonucleotidases: Structure function relationships and pathophysiological significance. <i>Purinergic Signalling</i> , 2006, 2, 409-430.	2.2	795
2	Targeted disruption of cd39/ATP diphosphohydrolase results in disordered hemostasis and thromboregulation. <i>Nature Medicine</i> , 1999, 5, 1010-1017.	30.7	519
3	Identification and Characterization of CD39/Vascular ATP Diphosphohydrolase. <i>Journal of Biological Chemistry</i> , 1996, 271, 33116-33122.	3.4	508
4	Carbon Monoxide Generated by Heme Oxygenase-1 Suppresses the Rejection of Mouse-to-Rat Cardiac Transplants. <i>Journal of Immunology</i> , 2001, 166, 4185-4194.	0.8	440
5	CD39 is the dominant Langerhans cell-associated ecto-NTPDase: Modulatory roles in inflammation and immune responsiveness. <i>Nature Medicine</i> , 2002, 8, 358-365.	30.7	312
6	Transforming growth factor- β 2 and substrate stiffness regulate portal fibroblast activation in culture. <i>Hepatology</i> , 2007, 46, 1246-1256.	7.3	295
7	Synthesis, antioxidant activities and urease inhibition of some new 1,2,4-triazole and 1,3,4-thiadiazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5200-5207.	5.5	265
8	Comparative hydrolysis of P2 receptor agonists by NTPDases 1, 2, 3 and 8. <i>Purinergic Signalling</i> , 2005, 1, 193-204.	2.2	258
9	CD39 deletion exacerbates experimental murine colitis and human polymorphisms increase susceptibility to inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16788-16793.	7.1	255
10	Nucleoside triphosphate diphosphohydrolase-2 is the ecto-ATPase of type I cells in taste buds. <i>Journal of Comparative Neurology</i> , 2006, 497, 1-12.	1.6	245
11	Targeted Disruption of <i>cd73</i> /Ecto-5'-Nucleotidase Alters Thromboregulation and Augments Vascular Inflammatory Response. <i>Circulation Research</i> , 2004, 95, 814-821.	4.5	220
12	Differential catalytic properties and vascular topography of murine nucleoside triphosphate diphosphohydrolase 1 (NTPDase1) and NTPDase2 have implications for thromboregulation. <i>Blood</i> , 2002, 99, 2801-2809.	1.4	217
13	Quinazolines and quinazolinones as ubiquitous structural fragments in medicinal chemistry: An update on the development of synthetic methods and pharmacological diversification. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2361-2381.	3.0	202
14	Extracellular nucleotide signaling in adult neural stem cells: synergism with growth factor-mediated cellular proliferation. <i>Development (Cambridge)</i> , 2006, 133, 675-684.	2.5	193
15	Specificity of the ecto-ATPase inhibitor ARL 67156 on human and mouse ectonucleotidases. <i>British Journal of Pharmacology</i> , 2007, 152, 141-150.	5.4	184
16	The Candidate Sour Taste Receptor, PKD2L1, Is Expressed by Type III Taste Cells in the Mouse. <i>Chemical Senses</i> , 2008, 33, 243-254.	2.0	174
17	Ca ²⁺ Responses in Enteric Glia Are Mediated by Connexin-43 Hemichannels and Modulate Colonic Transit in Mice. <i>Gastroenterology</i> , 2014, 146, 497-507.e1.	1.3	168
18	Expression of the ecto-ATPase NTPDase2 in the germinal zones of the developing and adult rat brain. <i>European Journal of Neuroscience</i> , 2003, 17, 1355-1364.	2.6	159

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19	Synthesis, biological assay in vitro and molecular docking studies of new Schiff base derivatives as potential urease inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5473-5479.	5.5	153
20	Differential Macrophage Activation Alters the Expression Profile of NTPDase and Ecto-5'-Nucleotidase. <i>PLoS ONE</i> , 2012, 7, e31205.	2.5	149
21	Ecto-5'-Nucleotidase (CD73)-Mediated Formation of Adenosine Is Critical for the Striatal Adenosine A2A Receptor Functions. <i>Journal of Neuroscience</i> , 2013, 33, 11390-11399.	3.6	146
22	P2Y6 Nucleotide Receptor Mediates Monocyte Interleukin-8 Production in Response to UDP or Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2001, 276, 26051-26056.	3.4	141
23	Impact of Ectoenzymes on P2 and P1 Receptor Signaling. <i>Advances in Pharmacology</i> , 2011, 61, 263-299.	2.0	124
24	Disordered Cellular Migration and Angiogenesis in <i>cd39</i> Null Mice. <i>Circulation</i> , 2001, 104, 3109-3115.	1.6	119
25	Blue blocker glasses impede the capacity of bright light to suppress melatonin production. <i>Journal of Pineal Research</i> , 2006, 41, 73-78.	7.4	119
26	Structural Elements and Limited Proteolysis of CD39 Influence ATP Diphosphohydrolase Activity. <i>Biochemistry</i> , 1999, 38, 2248-2258.	2.5	118
27	Cloning and Characterization of Mouse Nucleoside Triphosphate Diphosphohydrolase-8. <i>Biochemistry</i> , 2004, 43, 5511-5519.	2.5	118
28	Characterization of hepatic stellate cells, portal fibroblasts, and mesothelial cells in normal and fibrotic livers. <i>Journal of Hepatology</i> , 2016, 64, 1137-1146.	3.7	117
29	In vitro antitumor and antiviral activities of new benzothiazole and 1,3,4-oxadiazole-2-thione derivatives. <i>Acta Pharmaceutica</i> , 2008, 58, 135-49.	2.0	116
30	Analysis of CD39/ATP Diphosphohydrolase (ATPDase) Expression in Endothelial Cells, Platelets and Leukocytes. <i>Thrombosis and Haemostasis</i> , 1999, 82, 1538-1544.	3.4	109
31	Nucleoside triphosphate diphosphohydrolase-2 (NTPDase2/CD39L1) is the dominant ectonucleotidase expressed by rat astrocytes. <i>Neuroscience</i> , 2006, 138, 421-432.	2.3	108
32	Polyoxometalates: Potent and selective ecto-nucleotidase inhibitors. <i>Biochemical Pharmacology</i> , 2015, 93, 171-181.	4.4	107
33	Association of the ecto-ATPase NTPDase2 with glial cells of the peripheral nervous system. <i>Glia</i> , 2004, 45, 124-132.	4.9	100
34	NTPDase1 governs P2X ₇ -dependent functions in murine macrophages. <i>European Journal of Immunology</i> , 2010, 40, 1473-1485.	2.9	99
35	Portal Fibroblasts Regulate the Proliferation of Bile Duct Epithelia via Expression of NTPDase2. <i>Journal of Biological Chemistry</i> , 2005, 280, 22986-22992.	3.4	94
36	Ghrelin Is Produced in Taste Cells and Ghrelin Receptor Null Mice Show Reduced Taste Responsivity to Salty (NaCl) and Sour (Citric Acid) Tastants. <i>PLoS ONE</i> , 2010, 5, e12729.	2.5	93

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37	The ecto-nucleoside triphosphate diphosphohydrolase NTPDase2/CD39L1 is expressed in a novel functional compartment within the liver. <i>Hepatology</i> , 2002, 36, 1135-1144.	7.3	91
38	Purification of the blood vessel ATP diphosphohydrolase, identification and localisation by immunological techniques. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1334, 73-88.	2.4	88
39	NTPDase1 (CD39) controls nucleotide-dependent vasoconstriction in mouse. <i>Cardiovascular Research</i> , 2010, 85, 204-213.	3.8	88
40	Functional expression of the ecto-ATPase NTPDase2 and of nucleotide receptors by neuronal progenitor cells in the adult murine hippocampus. <i>Journal of Neuroscience Research</i> , 2005, 80, 600-610.	2.9	87
41	Palmitoylation Targets CD39/Endothelial ATP Diphosphohydrolase to Caveolae. <i>Journal of Biological Chemistry</i> , 2000, 275, 2057-2062.	3.4	85
42	Synthesis, characterization and antimicrobial activity of some new 1-(fluorobenzoyl)-3-(fluorophenyl)thioureas. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1028-1034.	1.7	84
43	Expression of P2Y nucleotide receptors and ectonucleotidases in quiescent and activated rat hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G417-G424.	3.4	82
44	Histamine Induces ATP Release from Human Subcutaneous Fibroblasts, via Pannexin-1 Hemichannels, Leading to Ca ²⁺ Mobilization and Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2013, 288, 27571-27583.	3.4	79
45	Design, synthesis, kinetic mechanism and molecular docking studies of novel 1-pentanoyl-3-arylthioureas as inhibitors of mushroom tyrosinase and free radical scavengers. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 273-281.	5.5	75
46	Beneficial effects of CD39/ecto-nucleoside triphosphate diphosphohydrolase-1 in murine intestinal ischemia-reperfusion injury. <i>Thrombosis and Haemostasis</i> , 2004, 91, 576-586.	3.4	74
47	Regulatory T Cells Negatively Affect IL-2 Production of Effector T Cells through CD39/Adenosine Pathway in HIV Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003319.	4.7	74
48	Purification of pancreas type-I ATP diphosphohydrolase and identification by affinity labelling with the 5- ³ -fluorosulphonylbenzoyl-adenosine ATP analogue. <i>Biochemical Journal</i> , 1995, 312, 351-356.	3.7	72
49	Immunolocalization of ectonucleotidases along the rat nephron. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F550-F560.	2.7	72
50	Cloning, purification, and identification of the liver canalicular ecto-ATPase as NTPDase8. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G785-G795.	3.4	71
51	The C-terminal cysteine-rich region dictates specific catalytic properties in chimeras of the ectonucleotidases NTPDase1 and NTPDase2. <i>FEBS Journal</i> , 2001, 268, 364-373.	0.2	70
52	Expression of NTPDase1 and NTPDase2 in murine kidney: relevance to regulation of P2 receptor signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F1032-F1043.	2.7	70
53	A highly sensitive CE-UV method with dynamic coating of silica-fused capillaries for monitoring of nucleotide pyrophosphatase/phosphodiesterase reactions. <i>Electrophoresis</i> , 2008, 29, 3685-3693.	2.4	67
54	Concomitant activation of P2Y ₂ and P2Y ₆ receptors on monocytes is required for TLR1/2-induced neutrophil migration by regulating IL-8 secretion. <i>European Journal of Immunology</i> , 2009, 39, 2885-2894.	2.9	65

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55	Localization of plasma membrane bound NTPDases in the murine reproductive tract. <i>Histochemistry and Cell Biology</i> , 2009, 131, 615-628.	1.7	63
56	Ectonucleotidases in the digestive system: focus on NTPDase3 localization. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G608-G620.	3.4	63
57	CD73 Downregulation Decreases In Vitro and In Vivo Glioblastoma Growth. <i>Molecular Neurobiology</i> , 2019, 56, 3260-3279.	4.0	63
58	Nasal Administration of Cationic Nanoemulsions as CD73-siRNA Delivery System for Glioblastoma Treatment: a New Therapeutical Approach. <i>Molecular Neurobiology</i> , 2020, 57, 635-649.	4.0	61
59	Extracellular ATP and P2 receptors are required for IL-8 to induce neutrophil migration. <i>Cytokine</i> , 2009, 46, 166-170.	3.2	59
60	Ectonucleoside Triphosphate Diphosphohydrolase-3 Antibody Targets Adult Human Pancreatic Î² Cells for In Vitro and In Vivo Analysis. <i>Cell Metabolism</i> , 2019, 29, 745-754.e4.	16.2	59
61	P2Y ₂ Receptor Transcription Is Increased by NF-Î²B and Stimulates Cyclooxygenase-2 Expression and PGE2 Released by Intestinal Epithelial Cells. <i>Journal of Immunology</i> , 2009, 183, 4521-4529.	0.8	58
62	Assignment of ecto-nucleoside triphosphate diphosphohydrolase-1/cd39 expression to microglia and vasculature of the brain. <i>European Journal of Neuroscience</i> , 2000, 12, 4357-4366.	2.6	55
63	CD39 as a Caveolar-Associated Ectonucleotidase. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 596-599.	2.1	54
64	Cloning and characterization of the ecto-nucleotidase NTPDase3 from rat brain: Predicted secondary structure and relation to other members of the E-NTPDase family and actin. <i>Purinergic Signalling</i> , 2005, 1, 259-270.	2.2	54
65	NTPDase1 Controls IL-8 Production by Human Neutrophils. <i>Journal of Immunology</i> , 2011, 187, 644-653.	0.8	54
66	Hydrolysis of P2-Purinoceptor agonists by a purified ectonucleotidase from the bovine aorta, the ATP-diphosphohydrolase. <i>Biochemical Pharmacology</i> , 1996, 51, 1453-1460.	4.4	53
67	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <i>Neuroscience</i> , 2004, 126, 763-773.	2.3	53
68	Extracellular nucleotides mediate LPS-induced neutrophil migration in vitro and in vivo. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1269-1275.	3.3	53
69	Altered Lipid and Salt Taste Responsivity in Ghrelin and GOAT Null Mice. <i>PLoS ONE</i> , 2013, 8, e76553.	2.5	53
70	Identification and Characterization of a Novel Hepatic Canalicular ATP Diphosphohydrolase. <i>Journal of Biological Chemistry</i> , 2000, 275, 5640-5647.	3.4	52
71	Coexpression of ecto-5'-nucleotidase/CD73 with specific NTPDases differentially regulates adenosine formation in the rat liver. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G447-G459.	3.4	51
72	Rat, Mouse, and Primate Models of Chronic Glaucoma Show Sustained Elevation of Extracellular ATP and Altered Purinergic Signaling in the Posterior Eye. , 2015, 56, 3075.		50

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73	Inhibition of human and mouse plasma membrane bound NTPDases by P2 receptor antagonists. <i>Biochemical Pharmacology</i> , 2007, 74, 1524-1534.	4.4	48
74	Nucleotide receptors control IL-8/CXCL8 and MCP-1/CCL2 secretions as well as proliferation in human glioma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 120-130.	3.8	48
75	Adenosine A2A receptor and ecto-5â€²-nucleotidase/CD73 are upregulated in hippocampal astrocytes of human patients with mesial temporal lobe epilepsy (MTLE). <i>Purinergic Signalling</i> , 2016, 12, 719-734.	2.2	47
76	Modulation of Nucleotide Triphosphate Diphosphohydrolase-1 (NTPDase-1)/cd39 in Xenograft Rejection. <i>Molecular Medicine</i> , 1999, 5, 743-752.	4.4	45
77	Ectonucleotidases in the kidney. <i>Purinergic Signalling</i> , 2009, 5, 501-511.	2.2	44
78	Cloning and characterization of mouse nucleoside triphosphate diphosphohydrolase-3. <i>Biochemical Pharmacology</i> , 2004, 67, 1917-1926.	4.4	43
79	Selective Nucleoside Triphosphate Diphosphohydrolase-2 (NTPDase2) Inhibitors: Nucleotide Mimetics Derived from Uridine-5â€²-carboxamide. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4518-4528.	6.4	43
80	Facile and expedient access to bis-coumarinâ€”iminothiazole hybrids by molecular hybridization approach: synthesis, molecular modelling and assessment of alkaline phosphatase inhibition, anticancer and antileishmanial potential. <i>RSC Advances</i> , 2015, 5, 89919-89931.	3.6	42
81	New one-pot synthesis of N-fused isoquinoline derivatives by palladium-catalyzed Câ€”H arylation: potent inhibitors of nucleotide pyrophosphatase-1 and -3. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11402-11414.	2.8	42
82	The ectoâ€”nucleotidase NTPDase1 differentially regulates P2Y1 and P2Y2 receptorâ€”dependent vasorelaxation. <i>British Journal of Pharmacology</i> , 2010, 159, 576-585.	5.4	41
83	Role of ectoâ€”NTPDases on UDPâ€”sensitive P2Y₆ receptor activation during osteogenic differentiation of primary bone marrow stromal cells from postmenopausal women. <i>Journal of Cellular Physiology</i> , 2012, 227, 2694-2709.	4.1	41
84	Highly Potent and Selective Ectonucleotide Pyrophosphatase/Phosphodiesterase I Inhibitors Based on an Adenosine 5â€²-(1â€” or 1â€³)-Thio-(1â€”,1â€²- or 1â€²,1â€³)-methylenetriphosphate Scaffold. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4677-4691.	6.4	41
85	Involvement of purinergic system in the release of cytokines by macrophages exposed to glioma-conditioned medium. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 721-729.	2.6	41
86	Characterization of a monoclonal antibody as the first specific inhibitor of human NTP diphosphohydrolaseâ€”3. <i>FEBS Journal</i> , 2009, 276, 479-496.	4.7	40
87	Identification of the ectonucleotidases expressed in mouse, rat, and human Langerhans islets: potential role of NTPDase3 in insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E647-E656.	3.5	39
88	Diadenosine 5â€²,5â€²â€”-(Borated)polyphosphonate Analogues as Selective Nucleotide Pyrophosphatase/Phosphodiesterase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8485-8497.	6.4	39
89	Concentrates of two subsets of extracellular vesicles from cowâ€”milk modulate symptoms and inflammation in experimental colitis. <i>Scientific Reports</i> , 2019, 9, 14661.	3.3	39
90	Identification of novel pyrazoleâ€”rhodanine hybrid scaffolds as potent inhibitors of aldose reductase: design, synthesis, biological evaluation and molecular docking analysis. <i>RSC Advances</i> , 2016, 6, 77688-77700.	3.6	38

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91	Localization of Nucleoside Triphosphate Diphosphohydrolase-1 (NTPDase1) and NTPDase2 in Pancreas and Salivary Gland. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 861-871.	2.5	37
92	Suppression of ATP Diphosphohydrolase/CD39 in Human Vascular Endothelial Cells. <i>Biochemistry</i> , 1999, 38, 13473-13479.	2.5	36
93	Nonhydrolyzable ATP Analogues as Selective Inhibitors of Human NPP1: A Combined Computational/Experimental Study. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8308-8320.	6.4	36
94	Distribution of ectonucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <i>Hearing Research</i> , 2002, 170, 127-138.	2.0	35
95	Endothelial P2Y2 receptor regulates LPS-induced neutrophil transendothelial migration in vitro. <i>Molecular Immunology</i> , 2010, 47, 991-999.	2.2	35
96	Synthesis of sulfadiazinyl acyl/aryl thiourea derivatives as calf intestinal alkaline phosphatase inhibitors, pharmacokinetic properties, lead optimization, Lineweaver-Burk plot evaluation and binding analysis. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3707-3715.	3.0	35
97	NTPDase1 and NTPDase2 Immunolocalization in Mouse Cochlea: Implications for Regulation of P2 Receptor Signaling. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1435-1441.	2.5	34
98	Comparative hydrolysis of extracellular adenine nucleotides and adenosine in synaptic membranes from porcine brain cortex, hippocampus, cerebellum and medulla oblongata. <i>Brain Research</i> , 2004, 1030, 49-56.	2.2	34
99	Distribution, cloning, and characterization of porcine nucleoside triphosphate diphosphohydrolase-1. <i>FEBS Journal</i> , 2000, 267, 4106-4114.	0.2	33
100	Diadenosine and Diuridine Poly(borano)phosphate Analogues: Synthesis, Chemical and Enzymatic Stability, and Activity at P2Y1 and P2Y2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1980-1990.	6.4	33
101	Expression of Ecto-ATPase NTPDase2 in Human Dental Pulp. <i>Journal of Dental Research</i> , 2012, 91, 261-267.	5.2	33
102	Identification of sulfonic acids as efficient ecto-5'-nucleotidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 685-691.	5.5	33
103	Quinazoline-piperidine sulfamides are specific inhibitors of human NPP1 and prevent pathological mineralization of valve interstitial cells. <i>British Journal of Pharmacology</i> , 2015, 172, 4189-4199.	5.4	33
104	Impact of ectonucleotidases in autonomic nervous functions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 191, 25-38.	2.8	33
105	Methotrexate up-regulates ecto-5'-nucleotidase/CD73 and reduces the frequency of T lymphocytes in the glioblastoma microenvironment. <i>Purinergic Signalling</i> , 2016, 12, 303-312.	2.2	33
106	Blockade of CD73 delays glioblastoma growth by modulating the immune environment. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1801-1812.	4.2	33
107	Inhibition of vascular ectonucleotidase activities by the prodrugs ticlopidine and clopidogrel favours platelet aggregation. <i>British Journal of Pharmacology</i> , 2010, 161, 1150-1160.	5.4	32
108	Identification of novel chromone based sulfonamides as highly potent and selective inhibitors of alkaline phosphatases. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 438-449.	5.5	32

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109	Investigation of quinoline-4-carboxylic acid as a highly potent scaffold for the development of alkaline phosphatase inhibitors: synthesis, SAR analysis and molecular modelling studies. <i>RSC Advances</i> , 2015, 5, 64404-64413.	3.6	32
110	Extracellular ATP Selectively Upregulates Ecto-Nucleoside Triphosphate Diphosphohydrolase 2 and Ecto-5â€²-Nucleotidase by Rat Cortical Astrocytes In Vitro. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 452-462.	2.3	32
111	Immunocytochemical localization of NTPDases1 and 2 in the neural retina of mouse and zebrafish. <i>Synapse</i> , 2009, 63, 291-307.	1.2	30
112	Jack Bean Urease Inhibitors, and Antioxidant Activity Based on Palmitic acid Derived 1-acyl-3-Arylthioureas: Synthesis, Kinetic Mechanism and Molecular Docking Studies. <i>Drug Research</i> , 2017, 67, 596-605.	1.7	30
113	Establishment and Characterization of Rat Portal Myofibroblast Cell Lines. <i>PLoS ONE</i> , 2015, 10, e0121161.	2.5	30
114	Ectonucleotidase NTPDase2 Is Selectively Down-Regulated in Biliary Cirrhosis. <i>Journal of Investigative Medicine</i> , 2004, 52, 475-482.	1.6	29
115	C-terminal splicing of NTPDase2 provides distinctive catalytic properties, cellular distribution and enzyme regulation. <i>Biochemical Journal</i> , 2005, 385, 729-736.	3.7	29
116	Unraveling the Alkaline Phosphatase Inhibition, Anticancer, and Antileishmanial Potential of Coumarinâ€”Triazolothiadiazine Hybrids: Design, Synthesis, and Molecular Docking Analysis. <i>Archiv Der Pharmazie</i> , 2016, 349, 553-565.	4.1	29
117	Stimulation of the P2Y ₁ Receptor Up-Regulates Nucleoside-Triphosphate Diphosphohydrolase-1 in Human Retinal Pigment Epithelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 157-164.	2.5	28
118	High expression and activity of ecto-5â€²-nucleotidase/CD73 in the male murine reproductive tract. <i>Histochemistry and Cell Biology</i> , 2010, 133, 659-668.	1.7	28
119	Synthesis of 2-arylated thiadiazolopyrimidones by Suzukiâ€”Miyaura cross-coupling: a new class of nucleotide pyrophosphatase (NPPs) inhibitors. <i>RSC Advances</i> , 2016, 6, 107556-107571.	3.6	28
120	A domino reaction of 3-chlorochromones with aminoheterocycles. Synthesis of pyrazolopyridines and benzofuropyridines and their optical and ecto-5â€²-nucleotidase inhibitory effects. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 717-732.	2.8	28
121	Exploration of carboxy pyrazole derivatives: Synthesis, alkaline phosphatase, nucleotide pyrophosphatase/phosphodiesterase and nucleoside triphosphate diphosphohydrolase inhibition studies with potential anticancer profile. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 461-478.	5.5	28
122	Distribution of ecto-nucleotidases in mouse sensory circuits suggests roles for nucleoside triphosphate diphosphohydrolase-3 in nociception and mechanoreception. <i>Neuroscience</i> , 2011, 193, 387-398.	2.3	27
123	Reduced striatal ecto-nucleotidase activity in schizophrenia patients supports the â€œadenosine hypothesisâ€”. <i>Purinergic Signalling</i> , 2013, 9, 599-608.	2.2	27
124	Assignment of ecto-nucleoside triphosphate diphosphohydrolase-1/cd39 expression to microglia and vasculature of the brain. <i>European Journal of Neuroscience</i> , 2000, 12, 4357-4366.	2.6	27
125	8â€”BuSâ€”ATP derivatives as specific NTPDase1 inhibitors. <i>British Journal of Pharmacology</i> , 2013, 169, 179-196.	5.4	26
126	Down-regulation of NTPDase2 and ADP-sensitive P2 Purinoceptors Correlate with Severity of Symptoms during Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 333.	3.7	26

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127	Identification of hydrolytically stable and selective P2Y1 receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1525-1536.	5.5	25
128	Ecto-nucleotidases distribution in human cyclic and postmenopausal endometrium. <i>Purinergic Signalling</i> , 2013, 9, 227-237.	2.2	25
129	Attenuated allergic airway inflammation in <i>Cd39</i> null mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 472-480.	5.7	25
130	Isonicotinohydrazones as inhibitors of alkaline phosphatase and ecto-5' nucleotidase. <i>Chemical Biology and Drug Design</i> , 2017, 89, 365-370.	3.2	25
131	Exacerbated intestinal inflammation in P2Y6 deficient mice is associated with Th17 activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2595-2605.	3.8	25
132	Targeting platelet aggregation: CD39 gene transfer augments nucleoside triphosphate diphosphohydrolase activity in injured rabbit arteries. <i>Surgery</i> , 2001, 130, 296-303.	1.9	24
133	IL-6 downregulates transcription of NTPDase2 via specific promoter elements. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G748-G756.	3.4	24
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