

Marc Poirot

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96 papers	10,886 citations	33 h-index	104 g-index
115 ext. papers	12,552 ext. citations	6.1 avg, IF	5.59 L-index

#	Paper	IF	Citations
96	Oxysterols are potential physiological regulators of ageing.. <i>Ageing Research Reviews</i> , 2022 , 101615	12	1
95	Targeting the liver X receptor with dendrogenin A differentiates tumour cells to secrete immunogenic exosome-enriched vesicles.. <i>Journal of Extracellular Vesicles</i> , 2022 , 11, e12211	16.4	2
94	The 5,6-epoxycholesterol metabolic pathway in breast cancer: Emergence of new pharmacological targets. <i>British Journal of Pharmacology</i> , 2021 , 178, 3248-3260	8.6	10
93	Pharmacologic and genetic inhibition of cholesterol esterification enzymes reduces tumour burden: A systematic review and meta-analysis of preclinical models. <i>Biochemical Pharmacology</i> , 2021 , 196, 114731	6	31
92	European network for oxysterol research (ENOR): 10 th anniversary. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 214, 105996	5.1	1
91	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
90	Dendrogenin A synergizes with Cytarabine to Kill Acute Myeloid Leukemia Cells In Vitro and In Vivo. <i>Cancers</i> , 2020 , 12,	6.6	7
89	Dendrogenin A Enhances Anti-Leukemic Effect of Anthracycline in Acute Myeloid Leukemia. <i>Cancers</i> , 2020 , 12,	6.6	4
88	Vitamin E: an overview 2020 , 51-66		2
87	The cholesterol-derived metabolite dendrogenin A functionally reprograms breast adenocarcinoma and undifferentiated thyroid cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 192, 105390	5.1	15
86	Natural and semisynthetic oxyprenylated aromatic compounds as stimulators or inhibitors of melanogenesis. <i>Bioorganic Chemistry</i> , 2019 , 87, 181-190	5.1	9
85	Flavonoids differentially modulate liver X receptors activity-Structure-function relationship analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 190, 173-182	5.1	14
84	HPLC Analysis and Skin Whitening Effects of Umbelliprenin-containing Extracts of , , and. <i>Molecules</i> , 2019 , 24,	4.8	11
83	A fast UPLC-HILIC method for an accurate quantification of dendrogenin A in human tissues. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 194, 105447	5.1	4
82	Chemistry, biochemistry, metabolic fate and mechanism of action of 6-oxo-cholestan-3 β -diol (OCDO), a tumor promoter and cholesterol metabolite. <i>Biochimie</i> , 2018 , 153, 139-149	4.6	11
81	The tumor-suppressor cholesterol metabolite, dendrogenin A, is a new class of LXR modulator activating lethal autophagy in cancers. <i>Biochemical Pharmacology</i> , 2018 , 153, 75-81	6	31
80	Ligand-dependent transcriptional induction of lethal autophagy: A new perspective for cancer treatment. <i>Autophagy</i> , 2018 , 14, 555-557	10.2	18

79	Bryonolic Acid Blocks Cancer Cell Clonogenicity and Invasiveness through the Inhibition of Fatty Acid: Cholesteryl Ester Formation. <i>Biomedicines</i> , 2018 , 6,	4.8	4
78	The Effects of Cholesterol-Derived Oncometabolites on Nuclear Receptor Function in Cancer. <i>Cancer Research</i> , 2018 , 78, 4803-4808	10.1	33
77	Extracellular vesicles: lipids as key components of their biogenesis and functions. <i>Journal of Lipid Research</i> , 2018 , 59, 1316-1324	6.3	127
76	Circulating oxysterol metabolites as potential new surrogate markers in patients with hormone receptor-positive breast cancer: Results of the OXYTAM study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 169, 210-218	5.1	32
75	Improvement of 5,6Epoxycholesterol, 5,6Epoxycholesterol, cholestane-3B,6Etriol and 6-oxo-cholestan-3Etriol recovery for quantification by GC/MS. <i>Chemistry and Physics of Lipids</i> , 2017 , 207, 92-98	3.7	6
74	Identification of a tumor-promoter cholesterol metabolite in human breast cancers acting through the glucocorticoid receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9346-E9355	11.5	72
73	Dendrogenin A drives LXR to trigger lethal autophagy in cancers. <i>Nature Communications</i> , 2017 , 8, 1903	17.4	62
72	Improving the efficacy of hormone therapy in breast cancer: The role of cholesterol metabolism in SERM-mediated autophagy, cell differentiation and death. <i>Biochemical Pharmacology</i> , 2017 , 144, 18-28	6	35
71	Quantitative analysis of the tumor suppressor dendrogenin A using liquid chromatography tandem mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2017 , 207, 81-86	3.7	5
70	When cholesterol meets histamine, it gives rise to dendrogenin A: a tumour suppressor metabolite. <i>Biochemical Society Transactions</i> , 2016 , 44, 631-7	5.1	14
69	From tamoxifen to dendrogenin A: The discovery of a mammalian tumor suppressor and cholesterol metabolite. <i>Biochimie</i> , 2016 , 130, 109-114	4.6	19
68	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
67	Cholesterol metabolites exported from human brain. <i>Steroids</i> , 2015 , 99, 189-93	2.8	64
66	Human monocyte recognition of adenosine-based cyclic dinucleotides unveils the A2a G β protein-coupled receptor tonic inhibition of mitochondrially induced cell death. <i>Molecular and Cellular Biology</i> , 2015 , 35, 479-95	4.8	13
65	Dendrogenin A and B two new steroidal alkaloids increasing neural responsiveness in the deafened guinea pig. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 145	5.3	10
64	Dendrogenin A: A Mammalian Metabolite of Cholesterol with Tumor Suppressor and Neurostimulating Properties. <i>Current Medicinal Chemistry</i> , 2015 , 22, 3533-49	4.3	22
63	Molecular and Biochemical Analysis of the Estrogenic and Proliferative Properties of Vitamin E Compounds. <i>Frontiers in Oncology</i> , 2015 , 5, 287	5.3	20
62	Cancer. Cholesterol and cancer, in the balance. <i>Science</i> , 2014 , 343, 1445-6	33.3	130

61	Emerging concepts on the role of exosomes in lipid metabolic diseases. <i>Biochimie</i> , 2014 , 96, 67-74	4.6	48
60	One step synthesis of 6-oxo-cholestan-3 β -diol. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 782-5	3.4	9
59	Exosomes as new vesicular lipid transporters involved in cell-cell communication and various pathophysiology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 108-20	5	520
58	The novel steroidal alkaloids dendrogenin A and B promote proliferation of adult neural stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 681-6	3.4	19
57	Dendrogenin_A : A Natural Liver X Receptor Modulator for the Treatment of Acute Myeloid Leukemia. <i>Blood</i> , 2014 , 124, 3767-3767	2.2	
56	5,6-Epoxy-cholesterols contribute to the anticancer pharmacology of tamoxifen in breast cancer cells. <i>Biochemical Pharmacology</i> , 2013 , 86, 175-89	6	43
55	Cholesterol-5,6-epoxides: chemistry, biochemistry, metabolic fate and cancer. <i>Biochimie</i> , 2013 , 95, 622-34	4.6	53
54	Progesterone and a phospholipase inhibitor increase the endosomal bis(monoacylglycero)phosphate content and block HIV viral particle intercellular transmission. <i>Biochimie</i> , 2013 , 95, 1677-88	4.6	19
53	Technical note: Hapten synthesis, antibody production and development of an enzyme-linked immunosorbent assay for detection of the natural steroidal alkaloid Dendrogenin A. <i>Biochimie</i> , 2013 , 95, 482-8	4.6	0
52	Improved realism of hybrid mouse models may not be sufficient to generate reference dosimetric data. <i>Medical Physics</i> , 2013 , 40, 052501	4.4	25
51	Dendrogenin A arises from cholesterol and histamine metabolism and shows cell differentiation and anti-tumour properties. <i>Nature Communications</i> , 2013 , 4, 1840	17.4	83
50	Generation of whole-body scintigraphic images with new GATE output capacities 2013 ,		1
49	Antiestrogen-binding site ligands induce autophagy in myeloma cells that proceeds through alteration of cholesterol metabolism. <i>Oncotarget</i> , 2013 , 4, 911-22	3.3	24
48	Identification of a new stilbene-derived inducer of paraoxonase 1 and ligand of the Aryl hydrocarbon Receptor. <i>Biochemical Pharmacology</i> , 2012 , 83, 627-32	6	14
47	Surprising unreactivity of cholesterol-5,6-epoxides towards nucleophiles. <i>Journal of Lipid Research</i> , 2012 , 53, 718-25	6.3	30
46	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	4.2	2783
45	Cholesterol epoxide hydrolase and cancer. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 696-703	5.1	51
44	Cholesterol metabolism and resistance to tamoxifen. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 683-9	5.1	43

43	MAPK14/p38 β confers irinotecan resistance to TP53-defective cells by inducing survival autophagy. <i>Autophagy</i> , 2012 , 8, 1098-112	10.2	66
42	Abstract 956: The liver-X-receptor- β s involved in the induction by Tamoxifen of breast cancer cell differentiation and death 2012 ,		2
41	Four decades of discovery in breast cancer research and treatment--an interview with V. Craig Jordan. Interview by Marc Poirot. <i>International Journal of Developmental Biology</i> , 2011 , 55, 703-12	1.9	13
40	Exosomes as intercellular signalosomes and pharmacological effectors. <i>Biochemical Pharmacology</i> , 2011 , 81, 1171-82	6	406
39	Importance of cholesterol and oxysterols metabolism in the pharmacology of tamoxifen and other AEBS ligands. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 432-7	3.7	46
38	Abstract 938: Discovery of Dendrogenin A as the first endogenous alkylaminooxysterol present in mammals with potent cell differentiation and anticancer activity 2011 ,		2
37	R92: Intérêt de la modification moléculaire dans le développement de nouveaux radiopharmaceutiques en oncologie nucléaire. <i>Bulletin Du Cancer</i> , 2010 , 97, S52	2.4	
36	R44: Médiateurs lipidiques et cancer : les exosomes comme « signalosomes » intercellulaires transporteurs de prostaglandines. <i>Bulletin Du Cancer</i> , 2010 , 97, S32-S33	2.4	
35	Exosomes account for vesicle-mediated transcellular transport of activatable phospholipases and prostaglandins. <i>Journal of Lipid Research</i> , 2010 , 51, 2105-20	6.3	418
34	Identification and pharmacological characterization of cholesterol-5,6-epoxide hydrolase as a target for tamoxifen and AEBS ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13520-5	11.5	95
33	Auraptene is an inhibitor of cholesterol esterification and a modulator of estrogen receptors. <i>Molecular Pharmacology</i> , 2010 , 78, 827-36	4.3	45
32	Ciblage peptidique en oncologie nucléaire : intérêt de la modification moléculaire. <i>Medecine Nucleaire</i> , 2010 , 34, 289-294	0.1	1
31	Development of a new radioligand for cholecystokinin receptor subtype 2 scintigraphy: from molecular modeling to in vivo evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 5400-12	3.4	12
30	Synthesis, characterization and in vitro evaluation of new oxorhenium- and oxotechnetium-CCK4 derivatives as molecular imaging agents for CCK2-receptor targeting. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 423-9	6.8	6
29	Signaling through cholesterol esterification: a new pathway for the cholecystokinin 2 receptor involved in cell growth and invasion. <i>Journal of Lipid Research</i> , 2009 , 50, 2203-11	6.3	53
28	Tamoxifen and AEBS ligands induced apoptosis and autophagy in breast cancer cells through the stimulation of sterol accumulation. <i>Autophagy</i> , 2009 , 5, 1066-7	10.2	78
27	Ligands of the antiestrogen-binding site induce active cell death and autophagy in human breast cancer cells through the modulation of cholesterol metabolism. <i>Cell Death and Differentiation</i> , 2009 , 16, 1372-84	12.7	64
26	Synthesis of new alkylaminooxysterols with potent cell differentiating activities: identification of leads for the treatment of cancer and neurodegenerative diseases. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7765-77	8.3	50

25	Microsomal antiestrogen-binding site ligands induce growth control and differentiation of human breast cancer cells through the modulation of cholesterol metabolism. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3707-18	6.1	51
24	Preclinical evaluation of new radioligand of cholecystokinin/gastrin receptors in endocrine tumors xenograft nude mice. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 571, 160-164	1.2	
23	Insights into the cholecystokinin 2 receptor binding site and processes of activation. <i>Molecular Pharmacology</i> , 2006 , 70, 1935-45	4.3	8
22	The prototypical inhibitor of cholesterol esterification, Sah 58-035 [3-[decyldimethylsilyl]-n-[2-(4-methylphenyl)-1-phenylethyl]propanamide], is an agonist of estrogen receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 139-49	4.7	20
21	Synthesis and biological properties of new stilbene derivatives of resveratrol as new selective aryl hydrocarbon modulators. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 287-91	8.3	52
20	Farnesyl-transferase inhibitor R115,777 enhances tamoxifen inhibition of MCF-7 cell growth through estrogen receptor dependent and independent pathways. <i>Breast Cancer Research</i> , 2005 , 7, R1159-67	8.3	24
19	Multiple targeting by the antitumor drug tamoxifen: a structure-activity study. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004 , 4, 491-508		58
18	Molecular characterization of the microsomal tamoxifen binding site. <i>Journal of Biological Chemistry</i> , 2004 , 279, 34048-61	5.4	73
17	Tamoxifen is a potent inhibitor of cholesterol esterification and prevents the formation of foam cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 1165-73	4.7	61
16	Contrasting effects of prenyltransferase inhibitors on estrogen-dependent cell cycle progression and estrogen receptor-mediated transcriptional activity in MCF-7 cells. <i>Endocrinology</i> , 2003 , 144, 989-98	4.8	14
15	Insulin and estrogen receptor ligand influence the FGF-2 activities in MCF-7 breast cancer cells. <i>Biochemical Pharmacology</i> , 2003 , 65, 629-36	6	3
14	High tumorigenic potential of a constitutively active mutant of the cholecystokinin 2 receptor. <i>Oncogene</i> , 2003 , 22, 6081-9	9.2	27
13	Identification of tyrosine 189 and asparagine 358 of the cholecystokinin 2 receptor in direct interaction with the crucial C-terminal amide of cholecystokinin by molecular modeling, site-directed mutagenesis, and structure/affinity studies. <i>Molecular Pharmacology</i> , 2003 , 63, 973-82	4.3	22
12	Identification of two tamoxifen target proteins by photolabeling with 4-(2-morpholinoethoxy)benzophenone. <i>Bioconjugate Chemistry</i> , 2002 , 13, 766-72	6.3	28
11	Synthesis, binding and structure-affinity studies of new ligands for the microsomal anti-estrogen binding site (AEBS). <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 2007-16	3.4	24
10	Modifications of benzylphenoxy ethanamine antiestrogen molecules: influence affinity for antiestrogen binding site (AEBS) and cell cytotoxicity. <i>Biochemical Pharmacology</i> , 1999 , 57, 657-61	6	19
9	Structural similitudes between cytotoxic antiestrogen-binding site (AEBS) ligands and cytotoxic sigma receptor ligands. Evidence for a relationship between cytotoxicity and affinity for AEBS or sigma-2 receptor but not for sigma-1 receptor. <i>Biochemical Pharmacology</i> , 1999 , 58, 1927-39	6	22
8	Different populations of progesterone receptor-steroid complexes in binding to specific DNA sequences: effects of salts on kinetics and specificity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998 , 67, 251-66	5.1	5

7	Microsomal epoxide hydrolase of rat liver is a subunit of the anti-oestrogen-binding site. <i>Biochemical Journal</i> , 1998 , 334 (Pt 1), 107-12	3.8	27
6	Characterization of the membranous antiestrogen binding protein: II. Purification to homogeneity. <i>Journal of Receptors and Signal Transduction</i> , 1994 , 14, 37-46		6
5	Characterization of the membranous antiestrogen binding protein: I. Partial purification of the protein in its active state. <i>Journal of Receptors and Signal Transduction</i> , 1994 , 14, 23-35		7
4	Characterization of a benzyl-phenoxy-ethanamine binding protein in <i>Trypanosoma equiperdum</i> and the possible relation between binding affinity and trypanocidal activity. <i>Molecular and Biochemical Parasitology</i> , 1993 , 58, 311-6	1.9	
3	Cytosolic type II estrogen binding site in rat uterus: specific photolabeling with estrone. <i>Journal of Receptors and Signal Transduction</i> , 1992 , 12, 217-31		2
2	The anti-proliferative properties of 4-benzylphenoxy ethanamine derivatives are mediated by the anti-estrogen binding site (ABS), whereas the anti-estrogenic effects of trifluopromazine are not. <i>Biochemical Pharmacology</i> , 1990 , 40, 425-9	6	11
1	Further evidence for a biological role of anti-estrogen-binding sites in mediating the growth inhibitory action of diphenylmethane derivatives. <i>Chemico-Biological Interactions</i> , 1988 , 66, 101-9	5	28