# Philippe Deterre

## List of Publications by Year in descending order



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|---|---|---|---|
| 44 papers | 2,990 citations | 270111 25 h-index | 312153 41 g-index |
| 46 all docs | 46 docs citations | 46 times ranked | 3629 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sepsis Triggers a Late Expansion of Functionally Impaired Tissue-Vascular Inflammatory Monocytes During Clinical Recovery. Frontiers in Immunology, 2020, 11, 675. | 2.2 | 24 |
| 2 | CX3CL1 homo-oligomerization drives cell-to-cell adherence. Scientific Reports, 2020, 10, 9069. | 1.6 | 13 |
| 3 | Naturally acquired immunity against immature Plasmodium falciparum gametocytes. Science Translational Medicine, 2019, 11, . | 5.8 | 31 |
| 4 | Plasmodium falciparum proteins involved in cytoadherence of infected erythrocytes to chemokine CX3CL1. Scientific Reports, 2016, 6, 33786. | 1.6 | 32 |
| 5 | ECL1i, d(LGTFLKC), a novel, small peptide that specifically inhibits CCL2â€dependent migration. FASEB Journal, 2016, 30, 2370-2381. | 0.2 | 27 |
| 6 | Comprehensive analysis of chemokine-induced cAMP-inhibitory responses using a real-time luminescent biosensor. Cellular Signalling, 2016, 28, 120-129. | 1.7 | 9 |
| 7 | Ly6Chigh Monocytes Protect against Kidney Damage during Sepsis via a CX3CR1-Dependent Adhesion Mechanism. Journal of the American Society of Nephrology: JASN, 2016, 27, 792-803. | 3.0 | 70 |
| 8 | CX3CL1, a chemokine finely tuned to adhesion: critical roles of the stalk glycosylation and the membrane domain. Biology Open, 2014, 3, 1173-1182. | 0.6 | 28 |
| 9 | Pharmacological Inhibition of the Chemokine Receptor, CX3CR1, Reduces Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2297-2305. | 1.1 | 65 |
| 10 | CX3CR1 reduces Ly6Chigh-monocyte motility within and release from the bone marrow after chemotherapy in mice. Blood, 2013, 122, 674-683. | 0.6 | 63 |
| 11 | Role of CX3CR1 Receptor in Monocyte/Macrophage Driven Neovascularization. PLoS ONE, 2013, 8, e57230. | 1.1 | 34 |
| 12 | In search of science, in search of meaning. EPJ Web of Conferences, 2012, 34, 01004. | 0.1 | 0 |
| 13 | Subtle conformational changes between CX3CR1 genetic variants as revealed by resonance energy transfer assays. FASEB Journal, 2010, 24, 4585-4598. | 0.2 | 12 |
| 14 | The adhesion mediated by the P-selectin Pâ€“selectin glycoprotein ligand-1 (PSGL-1) couple is stronger for shorter PSGL-1 variants. Journal of Leukocyte Biology, 2010, 87, 727-734. | 1.5 | 9 |
| 15 | An engineered CX3CR1 antagonist endowed with anti-inflammatory activity. Journal of Leukocyte Biology, 2009, 86, 903-911. | 1.5 | 67 |
| 16 | The apparent cooperativity of some GPCRs does not necessarily imply dimerization. Trends in Pharmacological Sciences, 2009, 30, 182-187. | 4.0 | 103 |
| 17 | Functional Adhesiveness of the CX3CL1 Chemokine Requires Its Aggregation. Journal of Biological Chemistry, 2008, 283, 30225-30234. | 1.6 | 39 |
| 18 | Polymorphism in the Microglial Cell-Mobilizing CX3CR1 Gene Is Associated With Survival in Patients With Glioblastoma. Journal of Clinical Oncology, 2008, 26, 5957-5964. | 0.8 | 71 |

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|---|---|---|---|
| 19 | CX3CR1-dependent subretinal microglia cell accumulation is associated with cardinal features of age-related macular degeneration. Journal of Clinical Investigation, 2007, 117, 2920-2928. | 3.9 | 498 |
| 20 | A natural CCL5/RANTES variant antagonist for CCR1 and CCR3. Immunogenetics, 2006, 58, 533-541. | 1.2 | 10 |
| 21 | Adverse Associations Between CX3CR1 Polymorphisms and Risk of Cardiovascular or Cerebrovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 847-853. | 1.1 | 44 |
| 22 | Enhanced Adhesive Capacities of the Naturally Occurring Ile249â€“Met280 Variant of the Chemokine Receptor CX3CR1. Journal of Biological Chemistry, 2004, 279, 19649-19657. | 1.6 | 80 |
| 23 | Fluorometric studies of ligand-induced conformational changes of CD38. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1652, 17-26. | 1.1 | 7 |
| 24 | Fractalkine/CX3CL1 production by human aortic smooth muscle cells impairs monocyte procoagulant and inflammatory responses. Cytokine, 2003, 21, 303-311. | 1.4 | 29 |
| 25 | Two Novel Fully Functional Isoforms of CX3CR1 Are Potent HIV Coreceptors. Journal of Immunology, 2003, 171, 5305-5312. | 0.4 | 30 |
| 26 | Cloning and functional characterization of the human fractalkine receptor promoter regions. Biochemical Journal, 2002, 368, 753-760. | 1.7 | 25 |
| 27 | Probing ligand-induced conformational changes of human CD38. FEBS Journal, 2000, 267, 3056-3064. | 0.2 | 18 |
| 28 | Ecto-phosphodiesterase/pyrophosphatase of lymphocytes and non-lymphoid cells: structure and function of the PC-1 family. Immunological Reviews, 1998, 161, 11-26. | 2.8 | 149 |
| 29 | Human CD38 is an authentic NAD(P)+ glycohydrolase. Biochemical Journal, 1998, 330, 1383-1390. | 1.7 | 111 |
| 30 | Activation of Phosphodiesterase by Transducin in Bovine Rod Outer Segments: Characteristics of the Successive Binding of Two Transducins. Biochemistry, 1994, 33, 12625-12634. | 1.2 | 25 |
| 31 | The lymphocyte surface antigen CD38 acts as a nicotinamide adenine dinucleotide glycohydrolase in human T lymphocytes. European Journal of Immunology, 1993, 23, 3361-3364. | 1.6 | 37 |
| 32 | Interactions of a G-protein with its effector: transducin and cGMP phosphodiesterase in retinal rods. Cellular Signalling, 1993, 5, 235-251. | 1.7 | 135 |
| 33 | Activation and solubilization of the retinal cGMP-specific phosphodiesterase by limited proteolysis. Role of the C-terminal domain of the beta-subunit. FEBS Journal, 1991, 199, 263-269. | 0.2 | 65 |
| 34 | Transducin, Rhodopsin, and 3â€²,5â€²-Cyclic GMP Phosphodiesterase: Typical G Protein-Mediated Transduction System. , 1990, , 215-239. | | 0 |
| 35 | Molecular mechanism of visual transduction. FEBS Journal, 1989, 179, 255-266. | 0.2 | 306 |
| 36 | Molecular mechanism of visual transduction. , 1989, , 1-12. | | 0 |

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|---|---|---|---|
| 37 | The retinal phototransduction process: enzymatic cascade and regulation. Biochimie, 1987, 69, 365-370. | 1.3 | 8 |
| 38 | Fast Termination and Adaptation Processes in the cGMP Cascade of Visual Transduction. , 1987, , 225-239. | | 0 |
| 39 | Serotonin- and dopamine-sensitive adenylate cyclase in molluscan nervous system. Biochemical and electrophysiological analysis of the pharmacological properties and the GTP-dependence. Molecular Brain Research, 1986, 1, 101-109. | 2.5 | 15 |
| 40 | Activation of retinal rod cyclic GMP-phosphodiesterase by transducin: Characterization of the complex formed by phosphodiesterase inhibitor and transducin Î±-subunit. Proteins: Structure, Function and Bioinformatics, 1986, 1, 188-193. | 1.5 | 100 |
| 41 | Fluoroaluminates activate transducin-GDP by mimicking the Î³-phosphate of GTP in its binding site. FEBS Letters, 1985, 191, 181-185. | 1.3 | 414 |
| 42 | Guanine nucleotides and magnesium dependence of the association states of the subunits of transducin. FEBS Letters, 1984, 178, 228-232. | 1.3 | 39 |
| 43 | Relationship between two voltage-dependent serotonin responses of molluscan neurones. Brain Research, 1981, 217, 201-206. | 1.1 | 44 |
| 44 | Role of cyclic AMP in a serotonin-evoked slow inward current in snail neurones. Nature, 1981, 290, 783-785. | 13.7 | 94 |