

Rolf Mentlein

List of Publications by Year in descending order

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169
papers

11,714
citations

26567

56
h-index

31759

101
g-index

170
all docs

170
docs citations

170
times ranked

12120
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dipeptidyl-peptidase IV (CD26)-role in the inactivation of regulatory peptides. <i>Regulatory Peptides</i> , 1999, 85, 9-24. | 1.9 | 1,135 |
| 2 | Dipeptidyl-peptidase IV hydrolyses gastric inhibitory polypeptide, glucagon-like peptide-1(7-36)amide, peptide histidine methionine and is responsible for their degradation in human serum. <i>FEBS Journal</i> , 1993, 214, 829-835. | 0.2 | 995 |
| 3 | Compartmentalization of TNF Receptor 1 Signaling. <i>Immunity</i> , 2004, 21, 415-428. | 6.6 | 410 |
| 4 | The Transmembrane CXC-Chemokine Ligand 16 Is Induced by IFN- β and TNF- α and Shed by the Activity of the Disintegrin-Like Metalloproteinase ADAM10. <i>Journal of Immunology</i> , 2004, 172, 6362-6372. | 0.4 | 369 |
| 5 | The Chemokine Receptor CXCR7 Is Highly Expressed in Human Glioma Cells and Mediates Antiapoptotic Effects. <i>Cancer Research</i> , 2010, 70, 3299-3308. | 0.4 | 330 |
| 6 | Proteolytic processing of neuropeptide Y and peptide YY by dipeptidyl peptidase IV. <i>Regulatory Peptides</i> , 1993, 49, 133-144. | 1.9 | 305 |
| 7 | Proline residues in the maturation and degradation of peptide hormones and neuropeptides. <i>FEBS Letters</i> , 1988, 234, 251-256. | 1.3 | 191 |
| 8 | The splice variants VEGF121 and VEGF189 of the angiogenic peptide vascular endothelial growth factor are expressed in osteoarthritic cartilage. <i>Arthritis and Rheumatism</i> , 2001, 44, 1082-1088. | 6.7 | 169 |
| 9 | Vascular endothelial growth factor(VEGF) induces matrix metalloproteinase expression in immortalized chondrocytes. <i>Journal of Pathology</i> , 2004, 202, 367-374. | 2.1 | 164 |
| 10 | Vascular endothelial growth factor induces chemotaxis and proliferation of microglial cells. <i>Journal of Neuroimmunology</i> , 2002, 132, 93-98. | 1.1 | 163 |
| 11 | Glioma infiltration and extracellular matrix: key players and modulators. <i>Glia</i> , 2018, 66, 1542-1565. | 2.5 | 163 |
| 12 | Expression of stem cell markers in human astrocytomas of different WHO grades. <i>Journal of Neuro-Oncology</i> , 2008, 86, 31-45. | 1.4 | 154 |
| 13 | Simultaneous purification and comparative characterization of six serine hydrolases from rat liver microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1980, 200, 547-559. | 1.4 | 153 |
| 14 | Flavonoids and Vitamin E Reduce the Release of the Angiogenic Peptide Vascular Endothelial Growth Factor from Human Tumor Cells. <i>Journal of Nutrition</i> , 2006, 136, 1477-1482. | 1.3 | 146 |
| 15 | Mechanical Overload Induces VEGF in Cartilage Discs via Hypoxia-Inducible Factor. <i>American Journal of Pathology</i> , 2004, 164, 185-192. | 1.9 | 136 |
| 16 | Liver dipeptidyl aminopeptidase IV hydrolyzes substance P. <i>FEBS Letters</i> , 1978, 91, 360-364. | 1.3 | 131 |
| 17 | Isolation and Characterization of Dipeptidyl Peptidase IV from Human Placenta. <i>FEBS Journal</i> , 1982, 126, 359-365. | 0.2 | 130 |
| 18 | Matrix-degrading proteases ADAMTS4 and ADAMTS5 (disintegrins and metalloproteinases with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Cancer, 2006, 118, 55-61. | 2.3 | 126 |

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|----|---|-----|-----------|
| 19 | CX3CR1 promotes recruitment of human glioma-infiltrating microglia/macrophages (GIMs). <i>Experimental Cell Research</i> , 2010, 316, 1553-1566. | 1.2 | 125 |
| 20 | Enhanced expression and shedding of the transmembrane chemokine CXCL16 by reactive astrocytes and glioma cells. <i>Journal of Neurochemistry</i> , 2005, 93, 1293-1303. | 2.1 | 117 |
| 21 | Specificity of purified monoacylglycerol lipase, palmitoyl-CoA hydrolase, palmitoyl-carnitine hydrolase, and nonspecific carboxylesterase from rat liver microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1984, 228, 230-246. | 1.4 | 113 |
| 22 | Proteases involved in the metabolism of angiotensin II, bradykinin, calcitonin gene-related peptide (CGRP), and neuropeptide Y by vascular smooth muscle cells. <i>Peptides</i> , 1996, 17, 709-720. | 1.2 | 105 |
| 23 | The presumed atypical chemokine receptor CXCR7 signals through G _{i/o} proteins in primary rodent astrocytes and human glioma cells. <i>Glia</i> , 2012, 60, 372-381. | 2.5 | 105 |
| 24 | An Infernal Trio: The chemokine CXCL12 and its receptors CXCR4 and CXCR7 in tumor biology. <i>Annals of Anatomy</i> , 2013, 195, 103-110. | 1.0 | 101 |
| 25 | Endostatin/collagen XVIII"an inhibitor of angiogenesis" is expressed in cartilage and fibrocartilage. <i>Matrix Biology</i> , 2004, 23, 267-276. | 1.5 | 99 |
| 26 | Expression of VEGF and its receptors in different brain tumors. <i>Neurological Research</i> , 2005, 27, 371-377. | 0.6 | 98 |
| 27 | CD30 Shedding from Karpas 299 Lymphoma Cells Is Mediated by TNF- α -Converting Enzyme. <i>Journal of Immunology</i> , 2000, 165, 6703-6709. | 0.4 | 95 |
| 28 | Cyclic strain influences the expression of the vascular endothelial growth factor (VEGF) and the hypoxia inducible factor 1 alpha (HIF-1 α) in tendon fibroblasts. <i>Journal of Orthopaedic Research</i> , 2004, 22, 847-853. | 1.2 | 95 |
| 29 | Cell-Surface Peptidases. <i>International Review of Cytology</i> , 2004, 235, 165-213. | 6.2 | 92 |
| 30 | Somatostatin inhibits the production of vascular endothelial growth factor in human glioma cells. <i>International Journal of Cancer</i> , 2001, 92, 545-550. | 2.3 | 90 |
| 31 | Hydrolysis of ester- and amide-type drugs by the purified isoenzymes of nonspecific carboxylesterase from rat liver. <i>Biochemical Pharmacology</i> , 1984, 33, 1243-1248. | 2.0 | 89 |
| 32 | Purification of Two Dipeptidyl Aminopeptidases II from Rat Brain and Their Action on Proline-Containing Neuropeptides. <i>Journal of Neurochemistry</i> , 1989, 52, 1284-1293. | 2.1 | 88 |
| 33 | Aminopeptidase P from rat brain. Purification and action on bioactive peptides. <i>FEBS Journal</i> , 1991, 198, 451-458. | 0.2 | 86 |
| 34 | Biological activity of GLP-1-analogues with N-terminal modifications. <i>Regulatory Peptides</i> , 1999, 79, 93-102. | 1.9 | 82 |
| 35 | Biological Properties of Iron Oxide Nanoparticles for Cellular and Molecular Magnetic Resonance Imaging. <i>International Journal of Molecular Sciences</i> , 2011, 12, 12-23. | 1.8 | 82 |
| 36 | Genetic identification of rat liver carboxylesterases isolated in different laboratories. <i>BBA - Proteins and Proteomics</i> , 1987, 913, 27-38. | 2.1 | 81 |

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|----|---|-----|-----------|
| 37 | Quantitative measurement of the splice variants 120 and 164 of the angiogenic peptide vascular endothelial growth factor in the time flow of fracture healing: a study in the rat. <i>Cell and Tissue Research</i> , 2002, 309, 387-392. | 1.5 | 81 |
| 38 | Expression of Somatostatin Receptor Subtypes in Cultured Astrocytes and Gliomas. <i>Journal of Neurochemistry</i> , 2002, 65, 1997-2005. | 2.1 | 80 |
| 39 | The Degradation of Bioactive Peptides and Proteins by Dipeptidyl Peptidase IV from Human Placenta. <i>Biological Chemistry Hoppe-Seyler</i> , 1990, 371, 1113-1118. | 1.4 | 78 |
| 40 | Purification of the main somatostatin-degrading proteases from rat and pig brains, their action on other neuropeptides, and their identification as endopeptidases 24.15 and 24.16. <i>FEBS Journal</i> , 1992, 208, 145-154. | 0.2 | 77 |
| 41 | Selective inhibition of rat liver carboxylesterases by various organophosphorus diesters in vivo and in vitro. <i>Biochemical Pharmacology</i> , 1980, 29, 1927-1931. | 2.0 | 74 |
| 42 | Interleukin 2 production by human T lymphocytes identified by antibodies to dipeptidyl peptidase IV. <i>Cellular Immunology</i> , 1985, 93, 199-211. | 1.4 | 70 |
| 43 | Endopeptidases 24.16 and 24.15 Are Responsible for the Degradation of Somatostatin, Neurotensin, and Other Neuropeptides by Cultivated Rat Cortical Astrocytes. <i>Journal of Neurochemistry</i> , 1994, 62, 27-36. | 2.1 | 70 |
| 44 | Endoglin expression in metastatic breast cancer cells enhances their invasive phenotype. <i>Oncogene</i> , 2008, 27, 3567-3575. | 2.6 | 70 |
| 45 | Human β -defensin 3 mediates tissue remodeling processes in articular cartilage by increasing levels of metalloproteinases and reducing levels of their endogenous inhibitors. <i>Arthritis and Rheumatism</i> , 2005, 52, 1736-1745. | 6.7 | 68 |
| 46 | GLP-1-analogues resistant to degradation by dipeptidyl-peptidase IV in vitro. <i>Regulatory Peptides</i> , 2000, 86, 103-111. | 1.9 | 67 |
| 47 | ATP and adenosine induce ramification of microglia in vitro. <i>Journal of Neuroimmunology</i> , 2001, 115, 19-27. | 1.1 | 66 |
| 48 | Comparative chemical and immunological characterization of five lipolytic enzymes (carboxylesterases) from rat liver microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1984, 234, 612-621. | 1.4 | 64 |
| 49 | Mechanisms underlying the rapid degradation and elimination of the incretin hormones GLP-1 and GIP. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2009, 23, 443-452. | 2.2 | 63 |
| 50 | The role of vascular endothelial growth factor in glucocorticoid-induced bone loss: evaluation in a minipig model. <i>Bone</i> , 2003, 33, 869-876. | 1.4 | 61 |
| 51 | Subcellular localization of non-specific carboxylesterases, acylcarnitine hydrolase, monoacylglycerol lipase and palmitoyl-CoA hydrolase in rat liver. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 964, 319-328. | 1.1 | 60 |
| 52 | Pleiotrophin, an angiogenic and mitogenic growth factor, is expressed in human gliomas. <i>Journal of Neurochemistry</i> , 2002, 83, 747-753. | 2.1 | 60 |
| 53 | Expression and role of the cell surface protease seprase/fibroblast activation protein-1 (FAP-1) in astroglial tumors. <i>Biological Chemistry</i> , 2011, 392, 199-207. | 1.2 | 60 |
| 54 | [45] Carboxylesterases-amidases. <i>Methods in Enzymology</i> , 1981, 77, 333-344. | 0.4 | 59 |

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|----|--|-----|-----------|
| 55 | Î²-Adrenoceptor-mediated effects in rat cultured thymic epithelial cells. <i>British Journal of Pharmacology</i> , 1997, 120, 1401-1408. | 2.7 | 59 |
| 56 | Mechanical factors influence the expression of endostatinâ€”an inhibitor of angiogenesisâ€”in tendons. <i>Journal of Orthopaedic Research</i> , 2003, 21, 610-616. | 1.2 | 58 |
| 57 | Differential Expression of Vascular Endothelial Growth Factor Implies the Limbal Origin of Pterygia. <i>Ophthalmology</i> , 2005, 112, 1023-1030. | 2.5 | 58 |
| 58 | CD70/CD27 ligand, a member of the TNF family, is expressed in human brain tumors. <i>International Journal of Cancer</i> , 2002, 98, 352-356. | 2.3 | 57 |
| 59 | A methylation-specific and SYBR-green-based quantitative polymerase chain reaction technique for O6-methylguanine DNA methyltransferase promoter methylation analysis. <i>Analytical Biochemistry</i> , 2008, 377, 62-71. | 1.1 | 57 |
| 60 | Chemokine expression profile of freshly isolated human glioblastoma-associated macrophages/microglia. <i>Oncology Reports</i> , 2014, 32, 270-276. | 1.2 | 57 |
| 61 | Enkephalin Metabolism by Microglia Aminopeptidase N (CD13). <i>Journal of Neurochemistry</i> , 2002, 64, 1841-1847. | 2.1 | 56 |
| 62 | Expression of pleiotrophin, an embryonic growth and differentiation factor, in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 660-667. | 6.7 | 55 |
| 63 | Cannabinoid receptors in human astroglial tumors. <i>Journal of Neurochemistry</i> , 2006, 98, 886-893. | 2.1 | 55 |
| 64 | Dipeptidyl peptidase IV (CD26) on T cells cleaves the CXC chemokine CXCL11 (I-TAC) and abolishes the stimulating but not the desensitizing potential of the chemokine. <i>Journal of Leukocyte Biology</i> , 2002, 72, 183-91. | 1.5 | 55 |
| 65 | Differential Expression of Matrix Metalloproteinases in Brain- and Bone-Seeking Clones of Metastatic MDA-MB-231 Breast Cancer Cells. <i>Journal of Neuro-Oncology</i> , 2006, 81, 39-48. | 1.4 | 52 |
| 66 | The chemokine CXCL16 induces migration and invasion of glial precursor cells via its receptor CXCR6. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 133-141. | 1.0 | 51 |
| 67 | MMP19 Is Essential for T Cell Development and T Cell-Mediated Cutaneous Immune Responses. <i>PLoS ONE</i> , 2008, 3, e2343. | 1.1 | 51 |
| 68 | Dipeptidyl peptidase IV as a new surface marker for a subpopulation of human T-lymphocytes. <i>Cellular Immunology</i> , 1984, 89, 11-19. | 1.4 | 49 |
| 69 | Angiogenesis in fetal tendon development: spatial and temporal expression of the angiogenic peptide vascular endothelial cell growth factor. <i>Anatomy and Embryology</i> , 2002, 205, 263-270. | 1.5 | 49 |
| 70 | Prolyl aminopeptidase from rat brain and kidney. Action on peptides and identification as leucyl aminopeptidase. <i>FEBS Journal</i> , 1990, 190, 509-515. | 0.2 | 47 |
| 71 | Lost in disruption: Role of proteases in glioma invasion and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1825, 178-185. | 3.3 | 47 |
| 72 | Therapeutic assessment of glucagon-like peptide-1 agonists compared with dipeptidyl peptidase IV inhibitors as potential antidiabetic drugs. <i>Expert Opinion on Investigational Drugs</i> , 2005, 14, 57-64. | 1.9 | 46 |

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|----|---|-----|-----------|
| 73 | Catecholamines and lipopolysaccharide synergistically induce the release of interleukin-6 from thymic epithelial cells. <i>Journal of Neuroimmunology</i> , 1998, 86, 182-189. | 1.1 | 45 |
| 74 | Functional Significance of Vascular Endothelial Growth Factor Receptor Expression on Human Glioma Cells. <i>Journal of Neuro-Oncology</i> , 2004, 67, 9-18. | 1.4 | 44 |
| 75 | Expression and regulation of antimicrobial peptides in articular joints. <i>Annals of Anatomy</i> , 2005, 187, 499-508. | 1.0 | 43 |
| 76 | Proline-specific proteases in cultivated neuronal and glial cells. <i>Brain Research</i> , 1990, 527, 159-162. | 1.1 | 42 |
| 77 | Angiogenesis factors in gliomas: a new key to tumour therapy?. <i>Die Naturwissenschaften</i> , 2003, 90, 385-394. | 0.6 | 42 |
| 78 | Pleiotrophin, an embryonic differentiation and growth factor, is expressed in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2003, 11, 260-264. | 0.6 | 42 |
| 79 | Production of endogenous antibiotics in articular cartilage. <i>Arthritis and Rheumatism</i> , 2004, 50, 3526-3534. | 6.7 | 42 |
| 80 | The influence of biomechanical parameters on the expression of VEGF and endostatin in the bone and joint system. <i>Annals of Anatomy</i> , 2005, 187, 461-472. | 1.0 | 42 |
| 81 | Overexpression of CXCL16 and its receptor CXCR6/Bonzo promotes growth of human schwannomas. <i>Glia</i> , 2008, 56, 764-774. | 2.5 | 42 |
| 82 | Isolation and characterization of microsomal acyl-CoA thioesterase. A member of the rat liver microsomal carboxylesterase multi-gene family. <i>FEBS Journal</i> , 1993, 214, 719-727. | 0.2 | 41 |
| 83 | The splice variants 120 and 164 of the angiogenic peptide vascular endothelial cell growth factor (VEGF) are expressed during Achilles tendon healing. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2003, 123, 475-480. | 1.3 | 41 |
| 84 | Stem cell markers in glioma progression and recurrence. <i>International Journal of Oncology</i> , 2016, 49, 1899-1910. | 1.4 | 41 |
| 85 | Influence of the somatostatin receptor sst2 on growth factor signal cascades in human glioma cells. <i>Molecular Brain Research</i> , 2001, 87, 12-21. | 2.5 | 40 |
| 86 | Proteolytic Degradation of Alzheimer's Disease Amyloid β -Peptide by a Metalloproteinase from Microglia Cells. <i>Journal of Neurochemistry</i> , 2002, 70, 721-726. | 2.1 | 40 |
| 87 | Hypoxia and PDGF have a synergistic effect that increases the expression of the angiogenetic peptide vascular endothelial growth factor in Achilles tendon fibroblasts. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2003, 123, 485-488. | 1.3 | 40 |
| 88 | Specificity of two different purified acylcarnitine hydrolases from rat liver, their identity with other carboxylesterases, and their possible function. <i>Archives of Biochemistry and Biophysics</i> , 1985, 240, 801-810. | 1.4 | 39 |
| 89 | Matrix Metalloproteinase-19 is Highly Expressed in Astroglial Tumors and Promotes Invasion of Glioma Cells. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 215-223. | 0.9 | 39 |
| 90 | Pulmonary Expression of Vascular Endothelial Growth Factor in Sepsis. <i>Archives of Pathology and Laboratory Medicine</i> , 2003, 127, 331-335. | 1.2 | 39 |

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|-----|--|-----|-----------|
| 91 | Effect of Transmitters and Co-Transmitters of the Sympathetic Nervous System on Interleukin-6 Synthesis in Thymic Epithelial Cells. <i>NeuroImmunoModulation</i> , 1999, 6, 45-50. | 0.9 | 38 |
| 92 | CD26 expression determines lung metastasis in mutant F344 rats: involvement of NK cell function and soluble CD26. <i>Cancer Immunology, Immunotherapy</i> , 2003, 52, 546-554. | 2.0 | 38 |
| 93 | Overexpression of midkine contributes to anti-apoptotic effects in human meningiomas. <i>Journal of Neurochemistry</i> , 2007, 100, 1097-1107. | 2.1 | 37 |
| 94 | The neural adhesion molecule LICAM confers chemoresistance in human glioblastomas. <i>Neurochemistry International</i> , 2012, 61, 1183-1191. | 1.9 | 37 |
| 95 | Receptors and effects of the inhibitory neuropeptide somatostatin in microglial cells. <i>Molecular Brain Research</i> , 1998, 60, 228-233. | 2.5 | 36 |
| 96 | Glial cross-talk by transmembrane chemokines CX3CL1 and CXCL16. <i>Journal of Neuroimmunology</i> , 2008, 198, 92-97. | 1.1 | 36 |
| 97 | Effects of pleiotrophin, a heparin-binding growth factor, on human primary and immortalized chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 155-162. | 0.6 | 35 |
| 98 | Isoforms of an N-acetyl- β -D-glucosaminidase from the Antarctic krill, <i>Euphausia superba</i> : purification and antibody production. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 120, 743-751. | 0.7 | 34 |
| 99 | Expression of VEGFR-1 and VEGFR-2 in Degenerative Achilles Tendons. <i>Clinical Orthopaedics and Related Research</i> , 2004, 420, 286-291. | 0.7 | 34 |
| 100 | Programmable cells of monocytic origin (PCMO): A source of peripheral blood stem cells that generate collagen type II-producing chondrocytes. <i>Journal of Orthopaedic Research</i> , 2008, 26, 304-313. | 1.2 | 34 |
| 101 | The CXCL16-CXCR6 chemokine axis in glial tumors. <i>Journal of Neuroimmunology</i> , 2013, 260, 47-54. | 1.1 | 34 |
| 102 | Dipeptidyl peptidase IV inhibits the polymerization of fibrin monomers. <i>Archives of Biochemistry and Biophysics</i> , 1982, 217, 748-750. | 1.4 | 33 |
| 103 | Somatostatin-binding sites on rat telencephalic astrocytes. <i>Cell and Tissue Research</i> , 1990, 262, 431-443. | 1.5 | 33 |
| 104 | The brain and thymus have much in common: a functional analysis of their microenvironments. <i>Trends in Immunology</i> , 2000, 21, 133-140. | 7.5 | 33 |
| 105 | Multiple trauma induces serum production of host defence peptides. <i>Injury</i> , 2012, 43, 137-142. | 0.7 | 33 |
| 106 | Effects of the chemokine CXCL12 and combined internalization of its receptors CXCR4 and CXCR7 in human MCF-7 breast cancer cells. <i>Cell and Tissue Research</i> , 2014, 357, 253-266. | 1.5 | 33 |
| 107 | CXCR4 and CXCR7 Mediate TFF3-Induced Cell Migration Independently From the ERK1/2 Signaling Pathway. , 2016, 57, 56. | | 33 |
| 108 | Calcitonin gene-related peptide and its receptor in the thymus. <i>Peptides</i> , 1995, 16, 1497-1503. | 1.2 | 32 |

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|-----|--|-----|-----------|
| 109 | Immunoelectronmicroscopic Analysis of the Ligand-induced Internalization of the Somatostatin Receptor Subtype 2 in Cultured Human Glioma Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1233-1242. | 1.3 | 32 |
| 110 | Molecular analysis of the somatostatin receptor subtype 2 in human glioma cells. <i>Molecular Brain Research</i> , 1999, 64, 101-107. | 2.5 | 32 |
| 111 | Interleukin-1 β treatment of meniscal explants stimulates the production and release of aggrecanase-generated, GAG-substituted aggrecan products and also the release of pre-formed, aggrecanase-generated G1 and m-calpain-generated G1-G2. <i>Cell and Tissue Research</i> , 2010, 340, 179-188. | 1.5 | 29 |
| 112 | The angiogenic peptide vascular endothelial growth factor (VEGF) is expressed in chronic sacral pressure ulcers. <i>Journal of Pathology</i> , 2003, 200, 130-136. | 2.1 | 28 |
| 113 | Spheroid confrontation assay: A simple method to monitor the three-dimensional migration of different cell types in vitro. <i>Annals of Anatomy</i> , 2011, 193, 181-184. | 1.0 | 28 |
| 114 | Near-infrared molecular imaging of tumors via chemokine receptors CXCR4 and CXCR7. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 713-720. | 1.7 | 28 |
| 115 | Somatostatin binding sites on rat diencephalic astrocytes. <i>Cell and Tissue Research</i> , 1991, 263, 253-263. | 1.5 | 27 |
| 116 | A Method for the Estimation of Esterase Synthesis and Degradation and its Application to Evaluate the Influence of Insulin and Glucagon. <i>FEBS Journal</i> , 1979, 102, 509-520. | 0.2 | 26 |
| 117 | Binding and internalization of gold-conjugated somatostatin and growth hormone-releasing hormone in cultured rat somatotropes. <i>Cell and Tissue Research</i> , 1989, 258, 309-17. | 1.5 | 26 |
| 118 | Rat thymic epithelial cells in vitro and in situ: characterization by immunocytochemistry and morphology. <i>Cell and Tissue Research</i> , 1996, 283, 221-229. | 1.5 | 26 |
| 119 | SP100 reduces malignancy of human glioma cells. <i>International Journal of Oncology</i> , 2011, 38, 1023-30. | 1.4 | 26 |
| 120 | CXCL12 mediates apoptosis resistance in rat C6 glioma cells. <i>Oncology Reports</i> , 2012, 27, 1348-52. | 1.2 | 26 |
| 121 | Transmembrane chemokines act as receptors in a novel mechanism termed inverse signaling. <i>ELife</i> , 2016, 5, e10820. | 2.8 | 26 |
| 122 | [52] Hydrolysis of aromatic amides as assay for carboxylesterases-amidases. <i>Methods in Enzymology</i> , 1981, 77, 405-409. | 0.4 | 25 |
| 123 | Interaction of transforming growth factor-beta (TGF-beta) and epidermal growth factor (EGF) in human glioma cells. <i>Journal of Neuro-Oncology</i> , 2003, 63, 117-127. | 1.4 | 25 |
| 124 | The role of Fc-receptors in the uptake and transport of therapeutic antibodies in the retinal pigment epithelium. <i>Experimental Eye Research</i> , 2016, 145, 187-205. | 1.2 | 25 |
| 125 | Purification and characterization of retinyl ester hydrolase as a member of the non-specific carboxylesterase supergene family. <i>FEBS Journal</i> , 1998, 251, 863-873. | 0.2 | 24 |
| 126 | Riboflavin-Mediated Axonal Degeneration of Postnatal Retinal Ganglion Cells In Vitro is Related to the Formation of Free Radicals. <i>Free Radical Biology and Medicine</i> , 1998, 24, 798-808. | 1.3 | 24 |

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|-----|--|-----|-----------|
| 127 | VEGF expression in adult permanent thyroid cartilage: implications for lack of cartilage ossification. <i>Bone</i> , 2004, 35, 543-552. | 1.4 | 24 |
| 128 | Somatostatin inhibits glucagon-like peptide-1-induced insulin secretion and proliferation of RINm5F insulinoma cells. <i>Regulatory Peptides</i> , 2002, 108, 97-102. | 1.9 | 23 |
| 129 | â€œInverse signalingâ€ of the transmembrane chemokine CXCL16 contributes to proliferative and anti-apoptotic effects in cultured human meningioma cells. <i>Cell Communication and Signaling</i> , 2016, 14, 26. | 2.7 | 23 |
| 130 | Proline-specific dipeptidyl peptidase activity in the cockroach brain and intestine: Partial characterization, distribution, and inactivation of tachykinin-related peptides. , 2000, 418, 81-92. | | 22 |
| 131 | The Antimicrobial Peptide Lysozyme Is Induced after Multiple Trauma. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7. | 1.4 | 22 |
| 132 | Different induction of microsomal carboxylesterases, palmitoyl-CoA hydrolase and acyl-l-carnitine hydrolase in rat liver after treatment with clofibrate. <i>Biochemical Pharmacology</i> , 1986, 35, 2727-2730. | 2.0 | 21 |
| 133 | Neuropeptide Receptors and Astrocytes. <i>International Review of Cytology</i> , 1994, 148, 119-169. | 6.2 | 21 |
| 134 | Complementary action of dipeptidyl peptidase IV and aminopeptidase M in the digestion of Î²-casein. <i>Journal of Dairy Research</i> , 1986, 53, 229-236. | 0.7 | 20 |
| 135 | Hydrolysis of phthalate esters by purified rat and human liver carboxylesterases. <i>Biochemical Pharmacology</i> , 1989, 38, 3126-3128. | 2.0 | 20 |
| 136 | Metabolism of neuropeptide Y and calcitonin gene-related peptide by cultivated neurons and glial cells. <i>Molecular Brain Research</i> , 1996, 37, 181-191. | 2.5 | 20 |
| 137 | The transmembrane chemokines CXCL16 and CX3CL1 and their receptors are expressed in human meningiomas. <i>Oncology Reports</i> , 2013, 29, 563-570. | 1.2 | 20 |
| 138 | Targeting pleiotropin to treat osteoarthritis. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 861-867. | 1.5 | 18 |
| 139 | VEGFR-3/Flt-4 mediates proliferation and chemotaxis in glial precursor cells. <i>Neurochemistry International</i> , 2009, 55, 747-753. | 1.9 | 18 |
| 140 | Methods for the investigation of neuropeptide catabolism and stability in vitro. <i>Brain Research Protocols</i> , 1997, 1, 237-246. | 1.7 | 17 |
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| 142 | Time-dependent influence of the somatostatin analogue octreotide on the proliferation of rat astrocytes and glioma cells. <i>Brain Research</i> , 1997, 746, 309-313. | 1.1 | 16 |
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