

John Michael Conlon

List of Publications by Citations

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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.

480
papers

13,427
citations

51
h-index

81
g-index

490
ext. papers

14,184
ext. citations

4.1
avg. IF

6.41
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 480 | Cloning of the cDNA encoding the urotensin II precursor in frog and human reveals intense expression of the urotensin II gene in motoneurons of the spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 15803-8 | 11.5 | 357 |
| 479 | Somatostatinoma syndrome. Biochemical, morphologic and clinical features. <i>New England Journal of Medicine</i> , 1979 , 301, 285-92 | 59.2 | 352 |
| 478 | Antimicrobial peptides from ranid frogs: taxonomic and phylogenetic markers and a potential source of new therapeutic agents. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004 , 1696, 1-14 | 4 | 299 |
| 477 | Pancreatic and gastric somatostatin release in response to intragastric and intraduodenal nutrients and HCl in the dog. <i>Journal of Clinical Investigation</i> , 1978 , 62, 509-18 | 15.9 | 178 |
| 476 | Structural diversity and species distribution of host-defense peptides in frog skin secretions. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2303-15 | 10.3 | 145 |
| 475 | Antimicrobial peptide defenses against chytridiomycosis, an emerging infectious disease of amphibian populations. <i>Developmental and Comparative Immunology</i> , 2005 , 29, 589-98 | 3.2 | 132 |
| 474 | Peptides with antimicrobial activity from four different families isolated from the skins of the North American frogs <i>Rana luteiventris</i> , <i>Rana berlandieri</i> and <i>Rana pipiens</i> . <i>FEBS Journal</i> , 2000 , 267, 894-900 | | 129 |
| 473 | Potential therapeutic applications of multifunctional host-defense peptides from frog skin as anti-cancer, anti-viral, immunomodulatory, and anti-diabetic agents. <i>Peptides</i> , 2014 , 57, 67-77 | 3.8 | 127 |
| 472 | Somatostatin- and urotensin II-related peptides: molecular diversity and evolutionary perspectives. <i>Regulatory Peptides</i> , 1997 , 69, 95-103 | | 127 |
| 471 | Effects of chytrid and carbaryl exposure on survival, growth and skin peptide defenses in foothill yellow-legged frogs. <i>Environmental Science & Technology</i> , 2007 , 41, 1771-6 | 10.3 | 127 |
| 470 | Measurements of somatostatin-like immunoreactivity in plasma. <i>Clinica Chimica Acta</i> , 1978 , 87, 275-83 | 6.2 | 127 |
| 469 | Activity of antimicrobial skin peptides from ranid frogs against <i>Batrachochytrium dendrobatidis</i> , the chytrid fungus associated with global amphibian declines. <i>Developmental and Comparative Immunology</i> , 2002 , 26, 471-9 | 3.2 | 125 |
| 468 | Primary structure of frog pituitary adenylate cyclase-activating polypeptide (PACAP) and effects of ovine PACAP on frog pituitary. <i>Endocrinology</i> , 1991 , 129, 3367-71 | 4.8 | 123 |
| 467 | Strategies for transformation of naturally-occurring amphibian antimicrobial peptides into therapeutically valuable anti-infective agents. <i>Methods</i> , 2007 , 42, 349-57 | 4.6 | 116 |
| 466 | Scyliorhinin I and II: two novel tachykinins from dogfish gut. <i>FEBS Letters</i> , 1986 , 200, 111-6 | 3.8 | 111 |
| 465 | Antimicrobial peptides from amphibian skin potently inhibit human immunodeficiency virus infection and transfer of virus from dendritic cells to T cells. <i>Journal of Virology</i> , 2005 , 79, 11598-606 | 6.6 | 110 |
| 464 | The contribution of skin antimicrobial peptides to the system of innate immunity in anurans. <i>Cell and Tissue Research</i> , 2011 , 343, 201-12 | 4.2 | 108 |

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| 463 | Evolution of the insulin molecule: insights into structure-activity and phylogenetic relationships. <i>Peptides</i> , 2001 , 22, 1183-93 | 3.8 | 108 |
| 462 | Ranaturins: antimicrobial peptides isolated from the skin of the American bullfrog, <i>Rana catesbeiana</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998 , 250, 589-92 | 3.4 | 106 |
| 461 | Reflections on a systematic nomenclature for antimicrobial peptides from the skins of frogs of the family Ranidae. <i>Peptides</i> , 2008 , 29, 1815-9 | 3.8 | 99 |
| 460 | Antimicrobial peptide defenses of the mountain yellow-legged frog (<i>Rana muscosa</i>). <i>Developmental and Comparative Immunology</i> , 2006 , 30, 831-42 | 3.2 | 93 |
| 459 | Antimicrobial peptides from the skins of North American frogs. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 1556-63 | 3.8 | 89 |
| 458 | Antimicrobial peptides and protease inhibitors in the skin secretions of the crawfish frog, <i>Rana areolata</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002 , 1601, 55-63 | 4 | 89 |
| 457 | The origin and evolution of peptide YY (PYY) and pancreatic polypeptide (PP). <i>Peptides</i> , 2002 , 23, 269-78 | 3.8 | 89 |
| 456 | Distribution and molecular forms of urotensin II and its role in cardiovascular regulation in vertebrates. <i>The Journal of Experimental Zoology</i> , 1996 , 275, 226-238 | | 85 |
| 455 | Isolation and primary structure of urotensin II from the brain of a tetrapod, the frog <i>Rana ridibunda</i> . <i>Biochemical and Biophysical Research Communications</i> , 1992 , 188, 578-83 | 3.4 | 84 |
| 454 | Identification of a peptide arising from the specific post-translation processing of secretogranin II. <i>FEBS Letters</i> , 1991 , 284, 31-3 | 3.8 | 81 |
| 453 | Urotensin II, from fish to human. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1200, 53-66 | 6.5 | 80 |
| 452 | Bradykinin and its receptors in non-mammalian vertebrates. <i>Regulatory Peptides</i> , 1999 , 79, 71-81 | | 79 |
| 451 | Neuropeptides in the amphibian brain. <i>International Review of Cytology</i> , 1992 , 138, 89-210, 315-26 | | 77 |
| 450 | Immunohistochemical distribution and biological activity of pituitary adenylate cyclase-activating polypeptide (PACAP) in the central nervous system of the frog <i>Rana ridibunda</i> . <i>Journal of Comparative Neurology</i> , 1992 , 324, 485-9 | 3.4 | 72 |
| 449 | Antimicrobial peptides with atypical structural features from the skin of the Japanese brown frog <i>Rana japonica</i> . <i>Peptides</i> , 2002 , 23, 419-25 | 3.8 | 71 |
| 448 | Induction of synthesis of an antimicrobial peptide in the skin of the freeze-tolerant frog, <i>Rana sylvatica</i> , in response to environmental stimuli. <i>FEBS Letters</i> , 2000 , 483, 135-8 | 3.8 | 70 |
| 447 | Characterization of trout galanin and its distribution in trout brain and pituitary. <i>Journal of Comparative Neurology</i> , 1994 , 350, 63-74 | 3.4 | 67 |
| 446 | Purification and characterization of antimicrobial peptides from the skin of the North American green frog <i>Rana clamitans</i> . <i>Peptides</i> , 2000 , 21, 469-76 | 3.8 | 66 |

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| 445 | Antimicrobial peptide defenses of the Tarahumara frog, <i>Rana tarahumarae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 361-7 | 3.4 | 65 |
| 444 | Isolation of [Pro2, Met13]somatostatin-14 and somatostatin-14 from the frog brain reveals the existence of a somatostatin gene family in a tetrapod. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 188, 477-82 | 3.4 | 63 |
| 443 | Localization of neurokinin B in the central nervous system of the rat. <i>Peptides</i> , 1992 , 13, 815-29 | 3.8 | 62 |
| 442 | Multiple bradykinin-related peptides from the skin of the frog, <i>Rana temporaria</i> . <i>Peptides</i> , 1997 , 18, 361-58 | 3.8 | 61 |
| 441 | Conversion of substance P to C-terminal fragments in human plasma. <i>Regulatory Peptides</i> , 1983 , 7, 335-45 | | 61 |
| 440 | Host-defense peptides with therapeutic potential from skin secretions of frogs from the family pipidae. <i>Pharmaceuticals</i> , 2014 , 7, 58-77 | 5.2 | 59 |
| 439 | A melittin-related peptide from the skin of the Japanese frog, <i>Rana tagoi</i> , with antimicrobial and cytolytic properties. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 306, 496-500 | 3.4 | 59 |
| 438 | Activities of temporin family peptides against the chytrid fungus (<i>Batrachochytrium dendrobatidis</i>) associated with global amphibian declines. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1157-60 | 5.9 | 57 |
| 437 | A protein with antimicrobial activity in the skin of Schlegel's green tree frog <i>Rhacophorus schlegelii</i> (Rhacophoridae) identified as histone H2B. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 312, 1082-6 | 3.4 | 57 |
| 436 | Measurement and partial characterization of the multiple forms of neurokinin A-like immunoreactivity in carcinoid tumours. <i>Regulatory Peptides</i> , 1986 , 13, 183-96 | | 57 |
| 435 | Neuroendocrine peptides (NPY, GRP, VIP, somatostatin) from the brain and stomach of the alligator. <i>Peptides</i> , 1993 , 14, 573-9 | 3.8 | 56 |
| 434 | Characterization of insulin, glucagon, and somatostatin from the river lamprey, <i>Lampetra fluviatilis</i> . <i>General and Comparative Endocrinology</i> , 1995 , 100, 96-105 | 3 | 54 |
| 433 | Frog diazepam-binding inhibitor: peptide sequence, cDNA cloning, and expression in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 6899-903 | 11.5 | 54 |
| 432 | Somatostatin-related and glucagon-related peptides with unusual structural features from the European eel (<i>Anguilla anguilla</i>). <i>General and Comparative Endocrinology</i> , 1988 , 72, 181-9 | 3 | 54 |
| 431 | The therapeutic potential of antimicrobial peptides from frog skin. <i>Reviews in Medical Microbiology</i> , 2004 , 15, 17-25 | 1.1 | 53 |
| 430 | Changes in the somatostatin, substance P and vasoactive intestinal polypeptide content of the gastrointestinal tract following streptozotocin-induced diabetes in the rat. <i>Diabetologia</i> , 1985 , 28, 355-8 ^{10.3} | | 52 |
| 429 | Purification of naturally occurring peptides by reversed-phase HPLC. <i>Nature Protocols</i> , 2007 , 2, 191-7 | 18.8 | 51 |
| 428 | Peptides with differential cytolytic activity from skin secretions of the lemur leaf frog <i>Hylomantis lemur</i> (Hylidae: Phyllomedusinae). <i>Toxicon</i> , 2007 , 50, 498-506 | 2.8 | 51 |

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| 427 | The ascaphins: a family of antimicrobial peptides from the skin secretions of the most primitive extant frog, <i>Ascaphus truei</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 170-5 | 3.4 | 51 |
| 426 | The alyteserins: two families of antimicrobial peptides from the skin secretions of the midwife toad <i>Alytes obstetricans</i> (Alytidae). <i>Peptides</i> , 2009 , 30, 1069-73 | 3.8 | 50 |
| 425 | Multiple forms of somatostatin-like immunoreactivity in canine pancreas. <i>FEBS Letters</i> , 1978 , 94, 327-30 | 3.8 | 50 |
| 424 | A family of brevinin-2 peptides with potent activity against <i>Pseudomonas aeruginosa</i> from the skin of the Hokkaido frog, <i>Rana pirica</i> . <i>Regulatory Peptides</i> , 2004 , 118, 135-41 | | 49 |
| 423 | The evolution of neuroendocrine peptides. <i>General and Comparative Endocrinology</i> , 2005 , 142, 53-9 | 3 | 49 |
| 422 | A protease inhibitor of the Kunitz family from skin secretions of the tomato frog, <i>Dyscophus guineti</i> (Microhylidae). <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 961-4 | 3.4 | 49 |
| 421 | Neuropeptide Y-related peptides from the pancreas of a teleostean (eel), holostean (bowfin) and elasmobranch (skate) fish. <i>Peptides</i> , 1991 , 12, 221-6 | 3.8 | 48 |
| 420 | An elasmobranchian somatostatin: primary structure and tissue distribution in <i>Torpedo marmorata</i> . <i>General and Comparative Endocrinology</i> , 1985 , 60, 406-13 | 3 | 48 |
| 419 | Design of potent, non-toxic antimicrobial agents based upon the structure of the frog skin peptide, pseudin-2. <i>Regulatory Peptides</i> , 2005 , 129, 85-91 | | 47 |
| 418 | Orthologs of magainin, PGLa, procaerulein-derived, and proxenopsin-derived peptides from skin secretions of the octoploid frog <i>Xenopus amieti</i> (Pipidae). <i>Peptides</i> , 2010 , 31, 989-94 | 3.8 | 46 |
| 417 | Dermal cytolytic peptides and the system of innate immunity in anurans. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1163, 75-82 | 6.5 | 46 |
| 416 | Purification and characterization of antimicrobial and vasorelaxant peptides from skin extracts and skin secretions of the North American pig frog <i>Rana grylio</i> . <i>Regulatory Peptides</i> , 2000 , 90, 53-60 | | 46 |
| 415 | Isolation, structural characterization and pharmacological activity of dog neuromedin U. <i>Peptides</i> , 1991 , 12, 11-5 | 3.8 | 46 |
| 414 | Primary structure of glucagon from an elasmobranchian fish. <i>Torpedo marmorata</i> . <i>General and Comparative Endocrinology</i> , 1985 , 60, 398-405 | 3 | 46 |
| 413 | Brevinin-1BYa: a naturally occurring peptide from frog skin with broad-spectrum antibacterial and antifungal properties. <i>International Journal of Antimicrobial Agents</i> , 2006 , 27, 525-9 | 14.3 | 45 |
| 412 | Molecular cloning of frog secretogranin II reveals the occurrence of several highly conserved potential regulatory peptides. <i>FEBS Letters</i> , 1996 , 394, 295-9 | 3.8 | 45 |
| 411 | Urotensin II in the central nervous system of the frog <i>Rana ridibunda</i> : immunohistochemical localization and biochemical characterization. <i>Journal of Comparative Neurology</i> , 1996 , 364, 324-39 | 3.4 | 45 |
| 410 | Structural characterization and biological activity of a neuropeptide Y-related peptide from the dogfish, <i>Scyliorhinus canicula</i> . <i>Endocrinology</i> , 1991 , 128, 2273-9 | 4.8 | 45 |

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|-----|---|------|----|
| 409 | Primary structure and pharmacological activity of a nonapeptide related to neuromedin U isolated from chicken intestine. <i>Peptides</i> , 1991 , 12, 809-12 | 3.8 | 45 |
| 408 | Isolation of neuropeptide-containing vesicles from the guinea pig ileum. <i>Journal of Neurochemistry</i> , 1985 , 45, 398-406 | 6 | 45 |
| 407 | Characterization of an amidated form of pancreatic polypeptide from the daddy sculpin (<i>Cottus scorpius</i>). <i>Regulatory Peptides</i> , 1986 , 16, 261-8 | | 45 |
| 406 | Distribution of two molecular forms of gonadotropin-releasing hormone (GnRH) in the central nervous system of the frog <i>Rana ridibunda</i> . <i>Brain Research</i> , 1995 , 703, 111-28 | 3.7 | 44 |
| 405 | Primary structure and conformational analysis of peptide methionine-tyrosine, a peptide related to neuropeptide Y and peptide YY isolated from lamprey intestine. <i>FEBS Journal</i> , 1991 , 199, 293-8 | | 44 |
| 404 | Substance-P-related and neurokinin-A-related peptides from the brain of the cod and trout. <i>FEBS Journal</i> , 1992 , 206, 659-64 | | 44 |
| 403 | Isolation and structural characterization of insulin, glucagon and somatostatin from the turtle, <i>Pseudemys scripta</i> . <i>Peptides</i> , 1990 , 11, 461-6 | 3.8 | 44 |
| 402 | Post-translational processing of prepro-urotensin II. <i>FEBS Letters</i> , 1990 , 266, 37-40 | 3.8 | 44 |
| 401 | Peptides with antimicrobial and anti-inflammatory activities that have therapeutic potential for treatment of acne vulgaris. <i>Peptides</i> , 2012 , 34, 275-82 | 3.8 | 43 |
| 400 | Isolation of peptides arising from the specific posttranslational processing of chromogranin A and chromogranin B from human pheochromocytoma tissue. <i>Peptides</i> , 1992 , 13, 639-44 | 3.8 | 43 |
| 399 | Primary structure of glucagon and a partial sequence of oxyntomodulin (glucagon-37) from the guinea pig. <i>Regulatory Peptides</i> , 1985 , 11, 309-20 | | 43 |
| 398 | The glucagon-like polypeptides - order out of chaos?. <i>Diabetologia</i> , 1980 , 18, 85-8 | 10.3 | 43 |
| 397 | Activities of four frog skin-derived antimicrobial peptides (temporin-1DRa, temporin-1Va and the melittin-related peptides AR-23 and RV-23) against anaerobic bacteria. <i>International Journal of Antimicrobial Agents</i> , 2007 , 29, 317-21 | 14.3 | 42 |
| 396 | Cytolytic peptides belonging to the brevinin-1 and brevinin-2 families isolated from the skin of the Japanese brown frog, <i>Rana dybowskii</i> . <i>Toxicon</i> , 2007 , 50, 746-56 | 2.8 | 42 |
| 395 | Expression of genes encoding antimicrobial and bradykinin-related peptides in skin of the stream brown frog <i>Rana sakuraii</i> . <i>Peptides</i> , 2007 , 28, 505-14 | 3.8 | 42 |
| 394 | Carassin: a tachykinin that is structurally related to neuropeptide-gamma from the brain of the goldfish. <i>Journal of Neurochemistry</i> , 1991 , 56, 1432-6 | 6 | 42 |
| 393 | A potent, non-toxic insulin-releasing peptide isolated from an extract of the skin of the Asian frog, <i>Hylarana guntheri</i> (Anura:Ranidae). <i>Regulatory Peptides</i> , 2008 , 151, 153-9 | | 41 |
| 392 | Characterization of antimicrobial peptides from the skin secretions of the Malaysian frogs, <i>Odorrana hosii</i> and <i>Hylarana picturata</i> (Anura:Ranidae). <i>Toxicon</i> , 2008 , 52, 465-73 | 2.8 | 41 |

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| 391 | Design of potent, non-toxic antimicrobial agents based upon the naturally occurring frog skin peptides, ascaphin-8 and peptide XT-7. <i>Chemical Biology and Drug Design</i> , 2008 , 72, 58-64 | 2.9 | 41 |
| 390 | Pseudin-2: an antimicrobial peptide with low hemolytic activity from the skin of the paradoxical frog. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 1001-5 | 3.4 | 41 |
| 389 | Ranakinin: a novel NK1 tachykinin receptor agonist isolated with neurokinin B from the brain of the frog <i>Rana ridibunda</i> . <i>Journal of Neurochemistry</i> , 1991 , 57, 2086-91 | 6 | 41 |
| 388 | Short-Term Administration of the Somatostatin Analogue SMS 201-995 in Patients with Carcinoid Tumours. <i>Scandinavian Journal of Gastroenterology</i> , 1986 , 21, 193-198 | 2.4 | 41 |
| 387 | Antimicrobial properties of brevinin-2-related peptide and its analogs: Efficacy against multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Chemical Biology and Drug Design</i> , 2009 , 74, 488-93 | 2.9 | 40 |
| 386 | Structural characterization of peptides derived from prosomatostatins I and II isolated from the pancreatic islets of two species of teleostean fish: the daddy sculpin and the flounder. <i>FEBS Journal</i> , 1987 , 168, 647-52 | | 40 |
| 385 | Selective depletion of the acetylcholine and vasoactive intestinal polypeptide of the guinea-pig myenteric plexus by differential mobilization of distinct transmitter pools. <i>Experimental Brain Research</i> , 1988 , 72, 535-42 | 2.3 | 40 |
| 384 | An antimicrobial peptide from the skin secretions of the mountain chicken frog <i>Leptodactylus fallax</i> (Anura:Leptodactylidae). <i>Regulatory Peptides</i> , 2005 , 124, 173-8 | | 39 |
| 383 | Proinsulin and somatostatin from the islet organ of the southern-hemisphere lamprey <i>Geotria australis</i> . <i>General and Comparative Endocrinology</i> , 1995 , 100, 413-22 | 3 | 39 |
| 382 | Purification and characterization of antimicrobial peptides from the skin secretions of the carpenter frog <i>Rana virgatipes</i> (Ranidae, Aquarana). <i>Regulatory Peptides</i> , 2005 , 131, 38-45 | | 38 |
| 381 | Evidence from peptidomic analysis of skin secretions that the red-legged frogs, <i>Rana aurora draytonii</i> and <i>Rana aurora aurora</i> , are distinct species. <i>Peptides</i> , 2006 , 27, 1305-12 | 3.8 | 38 |
| 380 | Rabbit neuromedin U-25: lack of conservation of a posttranslational processing site. <i>Regulatory Peptides</i> , 1991 , 33, 191-8 | | 38 |
| 379 | Kassinatuerin-1: a peptide with broad-spectrum antimicrobial activity isolated from the skin of the hyperoliid frog, <i>Kassina senegalensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2000 , 268, 433-6 | 3.4 | 37 |
| 378 | Effect of aminoisobutyric acid (Aib) substitutions on the antimicrobial and cytolytic activities of the frog skin peptide, temporin-1DRa. <i>Peptides</i> , 2007 , 28, 2075-80 | 3.8 | 36 |
| 377 | Antimicrobial peptides from diverse families isolated from the skin of the Asian frog, <i>Rana grahami</i> . <i>Peptides</i> , 2006 , 27, 2111-7 | 3.8 | 36 |
| 376 | Primary structure of frog PYY: implications for the molecular evolution of the pancreatic polypeptide family. <i>Peptides</i> , 1992 , 13, 145-9 | 3.8 | 36 |
| 375 | Purification and characterization of urotensin II from the brain of a teleost (trout, <i>Oncorhynchus mykiss</i>) and an elasmobranch (skate, <i>Raja rhina</i>). <i>General and Comparative Endocrinology</i> , 1993 , 92, 419-27 | | 36 |
| 374 | Multiple molecular forms of insulin and glucagon-like peptide from the Pacific ratfish (<i>Hydrolagus colliciei</i>). <i>General and Comparative Endocrinology</i> , 1989 , 73, 136-46 | 3 | 36 |

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| 373 | Proglucagon-derived peptides: nomenclature, biosynthetic relationships and physiological roles. <i>Diabetologia</i> , 1988 , 31, 563-6 | 10.3 | 36 |
| 372 | An analog of the host-defense peptide hymenochirin-1B with potent broad-spectrum activity against multidrug-resistant bacteria and immunomodulatory properties. <i>Peptides</i> , 2013 , 50, 153-9 | 3.8 | 35 |
| 371 | Granin-derived peptides as diagnostic and prognostic markers for endocrine tumors. <i>Regulatory Peptides</i> , 2010 , 165, 5-11 | | 35 |
| 370 | Characterization of a peptide from skin secretions of male specimens of the frog, <i>Leptodactylus fallax</i> that stimulates aggression in male frogs. <i>Peptides</i> , 2005 , 26, 597-601 | 3.8 | 35 |
| 369 | Bradykinin-related peptides and tryptophyllins in the skin secretions of the most primitive extant frog, <i>Ascaphus truei</i> . <i>General and Comparative Endocrinology</i> , 2005 , 143, 193-9 | 3 | 35 |
| 368 | Immunocytochemical characterization of the pancreatic islet cells of the Nile Tilapia (<i>Oreochromis niloticus</i>). <i>General and Comparative Endocrinology</i> , 1999 , 114, 47-56 | 3 | 35 |
| 367 | Insulin-releasing properties of the frog skin peptide pseudin-2 and its [Lys18]-substituted analogue. <i>Biological Chemistry</i> , 2008 , 389, 143-8 | 4.5 | 34 |
| 366 | Characterization of novel antimicrobial peptides from the skins of frogs of the <i>Rana esculenta</i> complex. <i>Peptides</i> , 2003 , 24, 955-61 | 3.8 | 34 |
| 365 | Neuroanatomical and physiological evidence for the involvement of pituitary adenylate cyclase-activating polypeptide in the regulation of the distal lobe of the frog pituitary. <i>Journal of Neuroendocrinology</i> , 1993 , 5, 289-96 | 3.8 | 34 |
| 364 | Antimicrobial peptides in frog skin secretions. <i>Methods in Molecular Biology</i> , 2010 , 618, 3-14 | 1.4 | 33 |
| 363 | Effects of the two somatostatin variants somatostatin-14 and [Pro2, Met13]somatostatin-14 on receptor binding, adenylyl cyclase activity and growth hormone release from the frog pituitary. <i>Journal of Neuroendocrinology</i> , 1998 , 10, 187-92 | 3.8 | 33 |
| 362 | A peptide of the phylloseptin family from the skin of the frog <i>Hylomantis lemur</i> (Phyllomedusinae) with potent in vitro and in vivo insulin-releasing activity. <i>Peptides</i> , 2008 , 29, 2136-43 | 3.8 | 33 |
| 361 | Rainbow trout (<i>Oncorhynchus mykiss</i>) urotensin-I: structural differences between urotensins-I and urocortins. <i>General and Comparative Endocrinology</i> , 1999 , 115, 169-77 | 3 | 33 |
| 360 | Tachykinins with unusual structural features from a urodele, the amphiuma, an elasmobranch, the hammerhead shark, and an agnathan, the river lamprey. <i>Peptides</i> , 1995 , 16, 615-21 | 3.8 | 33 |
| 359 | Primary structures of three fragments of proglucagon from the pancreatic islets of the daddy Sculpin (<i>Cottus scorpius</i>). <i>FEBS Journal</i> , 1987 , 164, 117-22 | | 33 |
| 358 | Comparison of non-biospecific effects in immunoaffinity chromatography using cyanogen bromide and bifunctional oxirane as immobilising agents. <i>Journal of Chromatography A</i> , 1977 , 135, 427-33 | 4.5 | 33 |
| 357 | Developmental and triiodothyronine-induced expression of genes encoding preprotemporins in the skin of Tago's brown frog <i>Rana tagoi</i> . <i>General and Comparative Endocrinology</i> , 2006 , 146, 242-50 | 3 | 32 |
| 356 | Characterization of peptides related to neuropeptide tyrosine and peptide tyrosine-tyrosine from the brain and gastrointestinal tract of teleost fish. <i>FEBS Journal</i> , 1992 , 210, 405-10 | | 32 |

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|-----|---|------|----|
| 355 | Fragments of prosomatostatin isolated from a human pancreatic tumour. <i>Molecular and Cellular Endocrinology</i> , 1984 , 38, 81-6 | 4.4 | 32 |
| 354 | Peptidomic analysis of skin secretions from the bullfrog <i>Lithobates catesbeianus</i> (Ranidae) identifies multiple peptides with potent insulin-releasing activity. <i>Peptides</i> , 2011 , 32, 203-8 | 3.8 | 31 |
| 353 | Tigerinin-1R: a potent, non-toxic insulin-releasing peptide isolated from the skin of the Asian frog, <i>Hoplobatrachus rugulosus</i> . <i>Diabetes, Obesity and Metabolism</i> , 2011 , 13, 1114-22 | 6.7 | 31 |
| 352 | Tachykinins (substance P, neurokinin A and neuropeptide gamma) and neurotensin from the intestine of the Burmese python, <i>Python molurus</i> . <i>Peptides</i> , 1997 , 18, 1505-10 | 3.8 | 31 |
| 351 | and turn back again. <i>Nature</i> , 1997 , 389, 246-246 | 50.4 | 31 |
| 350 | Antimicrobial action of histone H2B in <i>Escherichia coli</i> : evidence for membrane translocation and DNA-binding of a histone H2B fragment after proteolytic cleavage by outer membrane proteinase T. <i>Biochimie</i> , 2008 , 90, 1693-702 | 4.6 | 31 |
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| 348 | Molecular Evolution of Insulin in Non-Mammalian Vertebrates ¹ . <i>American Zoologist</i> , 2000 , 40, 200-212 | | 31 |
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