John Michael Conlon

List of Publications by Year in Descending Order

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	Dual-agonist incretin peptides from fish with potential for obesity-related Type 2 diabetes therapy - A review. *Peptides*, **2021**, 147, 170706	3.8	0
479	Effects of long-acting analogues of lamprey GLP-1 and paddlefish glucagon on alpha- to beta-cell transdifferentiation in an insulin-deficient transgenic mouse model. *Journal of Peptide Science*, **2021**, 27, e3328	2.1	1
478	Mechanisms of action of the antidiabetic peptide [S4K]CPF-AM1 in db/db mice. *Journal of Molecular Endocrinology*, **2021**, 66, 115-128	4.5	3
477	Beneficial actions of the [A14K] analog of the frog skin peptide PGLa-AM1 in mice with obesity and degenerative diabetes: A mechanistic study. *Peptides*, **2021**, 136, 170472	3.8	2
476	Conformational change following conversion of inactive rhinophrynin-33 to bioactive rhinophrynin-27 in the skin of the frog Rhinophrynus dorsalis. *Biochimie*, **2021**, 181, 162-168	4.6	0
475	Isolation and characterization of cytotoxic and insulin-releasing components from the venom of the black-necked spitting cobra (Elapidae). *Toxicon: X*, **2020**, 6, 100030	2.6	8
474	Glucagon from the phylogenetically ancient paddlefish provides a template for the design of a long-acting peptide with effective anti-diabetic and anti-obesity activities. *European Journal of Pharmacology*, **2020**, 878, 173101	5.3	4
473	Peptidomic Analysis of Skin Secretions of the Caribbean Frogs and (Leptodactylidae) Identifies an Ocellatin with Broad Spectrum Antimicrobial Activity. *Antibiotics*, **2020**, 9,	4.9	2
472	Strategies for improving stability and pharmacokinetic characteristics of radiolabeled peptides for imaging and therapy. *Peptides*, **2020**, 133, 170385	3.8	11
471	Selection of antimicrobial frog peptides and temporin-1DRa analogues for treatment of bacterial infections based on their cytotoxicity and differential activity against pathogens. *Chemical Biology and Drug Design*, **2020**, 96, 1103-1113	2.9	5
470	A long-acting, dual-agonist analogue of lamprey GLP-1 shows potent insulinotropic, β-cell protective, and anorexic activities and improves glucose homeostasis in high fat-fed mice. *Molecular and Cellular Endocrinology*, **2020**, 499, 110584	4.4	6
469	Insights into conformation and membrane interactions of the acyclic and dicarba-bridged brevinin-1BYa antimicrobial peptides. *European Biophysics Journal*, **2019**, 48, 701-710	1.9	7
468	Immunomodulatory, insulinotropic, and cytotoxic activities of phylloseptins and plasticin-TR from the Trinidanian leaf frog Phyllomedusa trinitatis. *Journal of Peptide Science*, **2019**, 25, e3153	2.1	2
467	Structural and positional studies of the antimicrobial peptide brevinin-1BYa in membrane-mimetic environments. *Journal of Peptide Science*, **2019**, 25, e3208	2.1	14
466	Conformational analysis and in vitro immunomodulatory and insulinotropic properties of the frog skin host-defense peptide rhinophrynin-27 and selected analogs. *Biochimie*, **2019**, 167, 198-206	4.6	1
465	Peptidomic analysis in the discovery of therapeutically valuable peptides in amphibian skin secretions. *Expert Review of Proteomics*, **2019**, 16, 897-908	4.2	13
464	Peptidomic analysis of the host-defense peptides in skin secretions of Rana graeca provides insight into phylogenetic relationships among Eurasian Rana species. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2019**, 29, 228-234	2	4

463	Glucagon-like peptides-1 from phylogenetically ancient fish show potent anti-diabetic activities by acting as dual GLP1R and GCGR agonists. *Molecular and Cellular Endocrinology*, **2019**, 480, 54-64	4.4	7
462	Insulinotropic activity of the host-defense peptide frenatin 2D: Conformational, structure-function and mechanistic studies. *Biochimie*, **2019**, 156, 12-21	4.6	2
461	Identification of Components in Frog Skin Secretions with Therapeutic Potential as Antidiabetic Agents. *Methods in Molecular Biology*, **2018**, 1719, 319-333	1.4	10
460	Assessment of the potential of temporin peptides from the frog Rana temporaria (Ranidae) as anti-diabetic agents. *Journal of Peptide Science*, **2018**, 24, e3065	2.1	16
459	Insulinotropic, glucose-lowering, and beta-cell anti-apoptotic actions of peptides related to esculentin-1a(1-21).NH. *Amino Acids*, **2018**, 50, 723-734	3.5	7
458	Peptides from frog skin with potential for development into agents for Type 2 diabetes therapy. *Peptides*, **2018**, 100, 275-281	3.8	24
457	Peptidomic analysis of the host-defense peptides in skin secretions of the Trinidadian leaf frog Phyllomedusa trinitatis (Phyllomedusidae). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2018**, 28, 72-79	2	7
456	Evaluation of the insulinotropic and glucose-lowering actions of zebrafish GIP in mammalian systems: Evidence for involvement of the GLP-1 receptor. *Peptides*, **2018**, 100, 182-189	3.8	12
455	Glucagon-related peptides from phylogenetically ancient fish reveal new approaches to the development of dual GCGR and GLP1R agonists for type 2 diabetes therapy. *Peptides*, **2018**, 110, 19-29	3.8	8
454	Esculentin-2CHa(1-30) and its analogues: stability and mechanisms of insulinotropic action. *Journal of Endocrinology*, **2017**, 232, 423-435	4.7	15
453	Actions of PGLa-AM1 and its [A14K] and [A20K] analogues and their therapeutic potential as anti-diabetic agents. *Biochimie*, **2017**, 138, 1-12	4.6	13
452	The activity of the rectal gland of the North Pacific spiny dogfish Squalus suckleyi is glucose dependent and stimulated by glucagon-like peptide-1. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2017**, 187, 1155-1161	2.2	4
451	The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. *Peptides*, **2017**, 93, 44-50	3.8	5
450	Peptidomic analysis of skin secretions of the Mexican burrowing toad Rhinophrynus dorsalis (Rhinophrynidae): Insight into the origin of host-defense peptides within the Pipidae and characterization of a proline-arginine-rich peptide. *Peptides*, **2017**, 97, 22-28	3.8	5
449	Anti-diabetic actions of esculentin-2CHa(1-30) and its stable analogues in a diet-induced model of obesity-diabetes. *Amino Acids*, **2017**, 49, 1705-1717	3.5	12
448	Cytotoxic peptides with insulin-releasing activities from skin secretions of the Italian stream frog Rana italica (Ranidae). *Journal of Peptide Science*, **2017**, 23, 769-776	2.1	10
447	The Potential of Frog Skin-Derived Peptides for Development into Therapeutically-Valuable Immunomodulatory Agents. *Molecules*, **2017**, 22,	4.8	21
446	In vitro and in vivo insulinotropic properties of the multifunctional frog skin peptide hymenochirin-1B: a structure-activity study. *Amino Acids*, **2016**, 48, 535-47	3.5	26

445	Purification, Conformational Analysis, and Properties of a Family of Tigerinin Peptides from Skin Secretions of the Crowned Bullfrog Hoplobatrachus occipitalis. *Journal of Natural Products*, **2016**, 79, 2350-6	4.9	11
444	Putative histidine kinase inhibitors with antibacterial effect against multi-drug resistant clinical isolates identified by in vitro and in silico screens. *Scientific Reports*, **2016**, 6, 26085	4.9	25
443	Glucoregulatory, endocrine and morphological effects of [P5K]hymenochirin-1B in mice with diet-induced glucose intolerance and insulin resistance. *Naunyn-Schmiedebergfs Archives of Pharmacology*, **2016**, 389, 769-81	3.4	13
442	Peptidomic analysis of the extensive array of host-defense peptides in skin secretions of the dodecaploid frog Xenopus ruwenzoriensis (Pipidae). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2016**, 19, 18-24	2	3
441	Molecular mechanisms mediating the beneficial metabolic effects of [Arg4]tigerinin-1R in mice with diet-induced obesity and insulin resistance. *Biological Chemistry*, **2016**, 397, 753-64	4.5	15
440	[I10W]tigerinin-1R enhances both insulin sensitivity and pancreatic beta cell function and decreases adiposity and plasma triglycerides in high-fat mice. *Acta Diabetologica*, **2016**, 53, 303-15	3.9	5
439	Host-defense and trefoil factor family peptides in skin secretions of the Mawa clawed frog Xenopus boumbaensis (Pipidae). *Peptides*, **2015**, 72, 44-9	3.8	4
438	In vivo administration of the frog skin peptide frenatin 2.1S induces immunostimulatory phenotypes of mouse mononuclear cells. *Peptides*, **2015**, 71, 269-75	3.8	7
437	Host-defense peptides of the skin with therapeutic potential: From hagfish to human. *Peptides*, **2015**, 67, 29-38	3.8	19
436	The frog skin host-defense peptide CPF-SE1 improves glucose tolerance, insulin sensitivity and islet function and decreases plasma lipids in high-fat fed mice. *European Journal of Pharmacology*, **2015**, 764, 38-47	5.3	13
435	Evidence from peptidomic analysis of skin secretions that allopatric populations of Xenopus gilli (Anura:Pipidae) constitute distinct lineages. *Peptides*, **2015**, 63, 118-25	3.8	9
434	Esculentin-2CHa-Related Peptides Modulate Islet Cell Function and Improve Glucose Tolerance in Mice with Diet-Induced Obesity and Insulin Resistance. *PLoS ONE*, **2015**, 10, e0141549	3.7	17
433	Conformational Analysis of the Host-Defense Peptides Pseudhymenochirin-1Pb and -2Pa and Design of Analogues with Insulin-Releasing Activities and Reduced Toxicities. *Journal of Natural Products*, **2015**, 78, 3041-8	4.9	9
432	Host defense peptides from Lithobates forreri, Hylarana luctuosa, and Hylarana signata (Ranidae): phylogenetic relationships inferred from primary structures of ranatuerin-2 and brevinin-2 peptides. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2014**, 9, 49-57	2	13
431	Insulin-releasing and cytotoxic properties of the frog skin peptide, tigerinin-1R: a structure-activity study. *Peptides*, **2014**, 55, 23-31	3.8	20
430	Potential therapeutic applications of multifunctional host-defense peptides from frog skin as anti-cancer, anti-viral, immunomodulatory, and anti-diabetic agents. *Peptides*, **2014**, 57, 67-77	3.8	127
429	Effects of tigerinin peptides on cytokine production by mouse peritoneal macrophages and spleen cells and by human peripheral blood mononuclear cells. *Biochimie*, **2014**, 101, 83-92	4.6	22
428	Host-defense peptides from skin secretions of Fraserfs clawed frog Xenopus fraseri (Pipidae): Further insight into the evolutionary history of the Xenopodinae. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2014**, 12, 45-52	2	5

427	Host-defense peptides from skin secretions of the octoploid frogs Xenopus vestitus and Xenopus wittei (Pipidae): insights into evolutionary relationships. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2014**, 11, 20-8	2	4
426	Conformational analysis and cytotoxic activities of the frog skin host-defense peptide, hymenochirin-1Pa. *Peptides*, **2014**, 61, 114-21	3.8	10
425	Anti-cancer, immunoregulatory, and antimicrobial activities of the frog skin host-defense peptides pseudhymenochirin-1Pb and pseudhymenochirin-2Pa. *Regulatory Peptides*, **2014**, 194-195, 69-76		25
424	Antimicrobial and immunomodulatory properties of PGLa-AM1, CPF-AM1, and magainin-AM1: potent activity against oral pathogens. *Regulatory Peptides*, **2014**, 194-195, 63-8		14
423	Host-defense peptides with therapeutic potential from skin secretions of frogs from the family pipidae. *Pharmaceuticals*, **2014**, 7, 58-77	5.2	59
422	A family of antimicrobial and immunomodulatory peptides related to the frenatins from skin secretions of the Orinoco lime frog Sphaenorhynchus lacteus (Hylidae). *Peptides*, **2014**, 56, 132-40	3.8	20
421	Peptides with in vitro anti-tumor activity from the venom of the Eastern green mamba, Dendroaspis angusticeps (Elapidae). *Journal of Venom Research*, **2014**, 5, 16-21	0.6	6
420	Evaluation of the skin peptide defenses of the Oregon spotted frog Rana pretiosa against infection by the chytrid fungus Batrachochytrium dendrobatidis. *Journal of Chemical Ecology*, **2013**, 39, 797-805	2.7	10
419	Anti-tumor activities of the host-defense peptide hymenochirin-1B. *Regulatory Peptides*, **2013**, 187, 51-6		26
418	Frog skin peptides (tigerinin-1R, magainin-AM1, -AM2, CPF-AM1, and PGla-AM1) stimulate secretion of glucagon-like peptide 1 (GLP-1) by GLUTag cells. *Biochemical and Biophysical Research Communications*, **2013**, 431, 14-8	3.4	30
417	Characterization of the host-defense peptides from skin secretions of Merlin's clawed frog Pseudhymenochirus merlini: insights into phylogenetic relationships among the Pipidae. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2013**, 8, 352-7	2	11
416	Peptidomic analysis of skin secretions provides insight into the taxonomic status of the African clawed frogs Xenopus victorianus and Xenopus laevis sudanensis (Pipidae). *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2013**, 8, 250-4	2	4
415	Conformational analysis of the frog skin peptide, plasticin-L1, and its effects on production of proinflammatory cytokines by macrophages. *Biochemistry*, **2013**, 52, 7231-41	3.2	20
414	An analog of the host-defense peptide hymenochirin-1B with potent broad-spectrum activity against multidrug-resistant bacteria and immunomodulatory properties. *Peptides*, **2013**, 50, 153-9	3.8	35
413	Caerulein precursor fragment (CPF) peptides from the skin secretions of Xenopus laevis and Silurana epitropicalis are potent insulin-releasing agents. *Biochimie*, **2013**, 95, 429-35	4.6	27
412	A comparison of host-defense peptides in skin secretions of female Xenopus laevis □Xenopus borealis and X. borealis □X. laevis F1 hybrids. *Peptides*, **2013**, 45, 1-8	3.8	9
411	An immunomodulatory peptide related to frenatin 2 from skin secretions of the Tyrrhenian painted frog Discoglossus sardus (Alytidae). *Peptides*, **2013**, 40, 65-71	3.8	23
410	Insulin-Releasing Peptides **2013**, 364-370		5

409	Esculentin-2CHa: a host-defense peptide with differential cytotoxicity against bacteria, erythrocytes and tumor cells. *Peptides*, **2013**, 39, 95-102	3.8	30
408	Cytotoxic activities of [Ser]phospholipase A from the venom of the saw-scaled vipers Echis ocellatus, Echis pyramidum leakeyi, Echis carinatus sochureki, and Echis coloratus. *Toxicon*, **2013**, 71, 96-104	2.8	19
407	Transformation of the naturally occurring frog skin peptide, alyteserin-2a into a potent, non-toxic anti-cancer agent. *Amino Acids*, **2013**, 44, 715-23	3.5	21
406	Central ventilatory and cardiovascular actions of trout gastrin-releasing peptide (GRP) in the unanesthetized trout. *Biology Open*, **2013**, 2, 960-7	2.2	2
405	Bradykinin Peptides **2013**, 321-325		
404	Insulinotropic actions of the frog skin host-defense peptide alyteserin-2a: a structure-activity study. *Chemical Biology and Drug Design*, **2013**, 82, 196-204	2.9	15
403	Temporins **2013**, 400-406		2
402	Evolution in Action **2013**, 1842-1849		
401	Host-defense peptides in skin secretions of African clawed frogs (Xenopodinae, Pipidae). *General and Comparative Endocrinology*, **2012**, 176, 513-8	3	18
400	Characterization of the neuropeptide Y system in the frog Silurana tropicalis (Pipidae): three peptides and six receptor subtypes. *General and Comparative Endocrinology*, **2012**, 177, 322-31	3	16
399	Hybridization between the African clawed frogs Xenopus laevis and Xenopus muelleri (Pipidae) increases the multiplicity of antimicrobial peptides in skin secretions of female offspring. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2012**, 7, 285-91	2	9
398	Host-defense peptides from skin secretions of the tetraploid frogs Xenopus petersii and Xenopus pygmaeus, and the octoploid frog Xenopus lenduensis (Pipidae). *Peptides*, **2012**, 33, 35-43	3.8	22
397	Identification and molecular cloning of a novel amphibian Bowman Birk-type trypsin inhibitor from the skin of the Hejiang Odorous Frog; Odorrana hejiangensis. *Peptides*, **2012**, 33, 245-50	3.8	19
396	Peptides with antimicrobial and anti-inflammatory activities that have therapeutic potential for treatment of acne vulgaris. *Peptides*, **2012**, 34, 275-82	3.8	43
395	The hymenochirins: a family of host-defense peptides from the Congo dwarf clawed frog Hymenochirus boettgeri (Pipidae). *Peptides*, **2012**, 35, 269-75	3.8	29
394	Efficacy of six frog skin-derived antimicrobial peptides against colistin-resistant strains of the Acinetobacter baumannii group. *International Journal of Antimicrobial Agents*, **2012**, 39, 317-20	14.3	22
393	Host-defense peptides in skin secretions of the tetraploid frog Silurana epitropicalis with potent activity against methicillin-resistant Staphylococcus aureus (MRSA). *Peptides*, **2012**, 37, 113-9	3.8	25
392	Analogues of the frog skin peptide alyteserin-2a with enhanced antimicrobial activities against Gram-negative bacteria. *Journal of Peptide Science*, **2012**, 18, 270-5	2.1	20

391	Effects of dehydration on cardiovascular development in the embryonic American alligator (Alligator mississipiensis). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2012**, 162, 252-8	2.6	13
390	Brain neuropeptides in central ventilatory and cardiovascular regulation in trout. *Frontiers in Endocrinology*, **2012**, 3, 124	5.7	13
389	Central ventilatory and cardiovascular actions of calcitonin gene-related peptide in unanesthetized trout. *Journal of Experimental Biology*, **2012**, 215, 1930-7	3	4
388	Genome duplications within the Xenopodinae do not increase the multiplicity of antimicrobial peptides in Silurana paratropicalis and Xenopus andrei skin secretions. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2011**, 6, 206-12	2	10
387	Conformational and membrane interaction studies of the antimicrobial peptide alyteserin-1c and its analogue [E4K]alyteserin-1c. *Biochimica Et Biophysica Acta - Biomembranes*, **2011**, 1808, 1975-84	3.8	24
386	Peptidomic analysis of skin secretions from the bullfrog Lithobates catesbeianus (Ranidae) identifies multiple peptides with potent insulin-releasing activity. *Peptides*, **2011**, 32, 203-8	3.8	31
385	Characterization of antimicrobial peptides in skin secretions from discrete populations of Lithobates chiricahuensis (Ranidae) from central and southern Arizona. *Peptides*, **2011**, 32, 664-9	3.8	22
384	Peptidomic analysis of skin secretions demonstrates that the allopatric populations of Xenopus muelleri (Pipidae) are not conspecific. *Peptides*, **2011**, 32, 1502-8	3.8	28
383	Tigerinin-1R: a potent, non-toxic insulin-releasing peptide isolated from the skin of the Asian frog, Hoplobatrachus rugulosus. *Diabetes, Obesity and Metabolism*, **2011**, 13, 1114-22	6.7	31
382	Central pituitary adenylate cyclase-activating polypeptide (PACAP) and vasoactive intestinal peptide (VIP) decrease the baroreflex sensitivity in trout. *General and Comparative Endocrinology*, **2011**, 171, 245-51	3	7
381	Caerulein-and xenopsin-related peptides with insulin-releasing activities from skin secretions of the clawed frogs, Xenopus borealis and Xenopus amieti (Pipidae). *General and Comparative Endocrinology*, **2011**, 172, 314-20	3	23
380	Cardiovascular and vasoconstrictive actions of skate bradykinin in the little skate, Leucoraja erinacea (Elasmobranchii). *General and Comparative Endocrinology*, **2011**, 174, 89-96	3	8
379	The contribution of skin antimicrobial peptides to the system of innate immunity in anurans. *Cell and Tissue Research*, **2011**, 343, 201-12	4.2	108
378	Structural diversity and species distribution of host-defense peptides in frog skin secretions. *Cellular and Molecular Life Sciences*, **2011**, 68, 2303-15	10.3	145
377	Synthesis, conformational analysis and biological properties of a dicarba derivative of the antimicrobial peptide, brevinin-1BYa. *European Biophysics Journal*, **2011**, 40, 555-64	1.9	24
376	Purification and properties of antimicrobial peptides from skin secretions of the Eritrea clawed frog Xenopus clivii (Pipidae). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2011**, 153, 350-4	3.2	19
375	Molecular cloning and characterization of cDNAs encoding biosynthetic precursors for the antimicrobial peptides japonicin-1Ja, japonicin-2Ja, and temporin-1Ja in the Japanese brown frog, Rana japonica. *Zoological Science*, **2011**, 28, 339-47	0.8	6
374	Host defense peptides in skin secretions of the Oregon spotted frog Rana pretiosa: implications for species resistance to chytridiomycosis. *Developmental and Comparative Immunology*, **2011**, 35, 644-9	3.2	21

373	Clinical Applications of Amphibian Antimicrobial Peptides **2011**, 4, 62-72		7
372	Urotensin II, from fish to human. *Annals of the New York Academy of Sciences*, **2010**, 1200, 53-66	6.5	80
371	Brevinin-2-related peptide and its [D4K] analogue stimulate insulin release in vitro and improve glucose tolerance in mice fed a high fat diet. *Hormone and Metabolic Research*, **2010**, 42, 652-6	3.1	30
370	Evidence from the primary structures of dermal antimicrobial peptides that Rana tagoi okiensis and Rana tagoi tagoi (Ranidae) are not conspecific subspecies. *Toxicon*, **2010**, 55, 430-5	2.8	12
369	Antimicrobial peptides from the skin secretions of the South-East Asian frog Hylarana erythraea (Ranidae). *Peptides*, **2010**, 31, 548-54	3.8	26
368	Orthologs of magainin, PGLa, procaerulein-derived, and proxenopsin-derived peptides from skin secretions of the octoploid frog Xenopus amieti (Pipidae). *Peptides*, **2010**, 31, 989-94	3.8	46
367	Cloning and expression of genes enocoding antimicrobial peptides and bradykinin from the skin and brain of Oki Tagoβ brown frog, Rana tagoi okiensis. *Peptides*, **2010**, 31, 1480-7	3.8	20
366	Potent and rapid bactericidal action of alyteserin-1c and its [E4K] analog against multidrug-resistant strains of Acinetobacter baumannii. *Peptides*, **2010**, 31, 1806-10	3.8	27
365	Antimicrobial peptides in frog skin secretions. *Methods in Molecular Biology*, **2010**, 618, 3-14	1.4	33
364	Granin-derived peptides as diagnostic and prognostic markers for endocrine tumors. *Regulatory Peptides*, **2010**, 165, 5-11		35
363	Investigation of the pyrolysis products of methionine-enkephalin-Arg-Gly-Leu using liquid chromatography-tandem mass spectrometry. *Journal of Mass Spectrometry*, **2010**, 45, 1320-31	2.2	12
362	Development of potent anti-infective agents from Silurana tropicalis: conformational analysis of the amphipathic, alpha-helical antimicrobial peptide XT-7 and its non-haemolytic analogue [G4K]XT-7. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2010**, 1804, 1020-8	4	18
361	Differential expression of genes encoding preprobrevinin-2, prepropalustrin-2, and preproranatuerin-2 in developing larvae and adult tissues of the mountain brown frog Rana ornativentris. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 151, 122-30	3.2	10
360	Primary structures of skin antimicrobial peptides indicate a close, but not conspecific, phylogenetic relationship between the leopard frogs Lithobates onca and Lithobates yavapaiensis (Ranidae). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 151, 313-7	3.2	5
359	Expression of genes encoding antimicrobial peptides in the Harderian gland of the bullfrog Lithobates catesbeianus. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 152, 301-5	3.2	6
358	Antimicrobial peptides with therapeutic potential from skin secretions of the Marsabit clawed frog Xenopus borealis (Pipidae). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 152, 467-72	3.2	26
357	Identification and analysis of bioactive peptides in amphibian skin secretions. *Methods in Molecular Biology*, **2010**, 615, 145-57	1.4	9
356	Ventilatory and cardiovascular actions of centrally and peripherally administered trout pituitary adenylate cyclase-activating polypeptide (PACAP) and vasoactive intestinal peptide (VIP) in the unanaesthetized trout. *Journal of Experimental Biology*, **2009**, 212, 3919-27	3	9

355	Central hyperventilatory action of the stress-related neurohormonal peptides, corticotropin-releasing factor and urotensin-I in the trout Oncorhynchus mykiss. *General and Comparative Endocrinology*, **2009**, 164, 51-60	3	11
354	The scientific achievements of Karl Lederis: a tribute in the form of a special issue of the journal. *General and Comparative Endocrinology*, **2009**, 164, 1-3	3	
353	Antimicrobial properties of brevinin-2-related peptide and its analogs: Efficacy against multidrug-resistant Acinetobacter baumannii. *Chemical Biology and Drug Design*, **2009**, 74, 488-93	2.9	40
352	Dermal cytolytic peptides and the system of innate immunity in anurans. *Annals of the New York Academy of Sciences*, **2009**, 1163, 75-82	6.5	46
351	Developmental and thyroid hormone-induced expression of preprotemporin genes in the skin of Japanese mountain brown frog Rana ornativentris. *Annals of the New York Academy of Sciences*, **2009**, 1163, 494-6	6.5	8
350	Central effects of trout tachykinins on heart rate variability in trout. *Annals of the New York Academy of Sciences*, **2009**, 1163, 379-82	6.5	2
349	Purification of peptides with differential cytolytic activities from the skin secretions of the Central American frog, Lithobates vaillanti (Ranidae). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2009**, 150, 150-4	3.2	13
348	Structural basis of the aberrant receptor binding properties of hagfish and lamprey insulins. *Biochemistry*, **2009**, 48, 11283-95	3.2	13
347	Antimicrobial peptides from the skins of North American frogs. *Biochimica Et Biophysica Acta - Biomembranes*, **2009**, 1788, 1556-63	3.8	89
346	Peptides with potent cytolytic activity from the skin secretions of the North American leopard frogs, Lithobates blairi and Lithobates yavapaiensis. *Toxicon*, **2009**, 53, 699-705	2.8	15
345	A glycine-leucine-rich peptide structurally related to the plasticins from skin secretions of the frog Leptodactylus laticeps (Leptodactylidae). *Peptides*, **2009**, 30, 888-92	3.8	29
344	The alyteserins: two families of antimicrobial peptides from the skin secretions of the midwife toad Alytes obstetricans (Alytidae). *Peptides*, **2009**, 30, 1069-73	3.8	50
343	Antimicrobial peptides from the skin secretions of the New World frogs Lithobates capito and Lithobates warszewitschii (Ranidae). *Peptides*, **2009**, 30, 1775-81	3.8	19
342	Preparation of 125I-Labeled Peptides and Proteins with High Specific Activity Using IODO-GEN. *Springer Protocols*, **2009**, 1735-1742	0.3	
341	A potent, non-toxic insulin-releasing peptide isolated from an extract of the skin of the Asian frog, Hylarana guntheri (Anura:Ranidae). *Regulatory Peptides*, **2008**, 151, 153-9		41
340	Characterization of antimicrobial peptides from the skin secretions of the Malaysian frogs, Odorrana hosii and Hylarana picturata (Anura:Ranidae). *Toxicon*, **2008**, 52, 465-73	2.8	41
339	Liberation of urotensin II from the teleost urophysis: an historical overview. *Peptides*, **2008**, 29, 651-7	3.8	18
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