Istvan Toth

List of Publications by Year in descending order

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465 papers	14,237 citations	24978 57 h-index	38300 95 g-index
495 all docs	495 docs citations	495 times ranked	13812 citing authors

#	Article	IF	Citations
1	Dendrimers in vaccine delivery: Recent progress and advances. Biomaterials, 2022, 280, 121303.	5.7	30
2	Preparation of Trimethyl Chitosan-Based Polyelectrolyte Complexes for Peptide Subunit Vaccine Delivery. Methods in Molecular Biology, 2022, 2414, 141-149.	0.4	2
3	Developing an Effective Glycanâ€Based Vaccine for Streptococcus Pyogenes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	4
4	Development of a hyperbranched polymer-based methotrexate nanomedicine for rheumatoid arthritis. Acta Biomaterialia, 2022, 142, 298-307.	4.1	7
5	Peptide-Based Nanovaccines in the Treatment of Cervical Cancer: A Review of Recent Advances. International Journal of Nanomedicine, 2022, Volume 17, 869-900.	3.3	17
6	Antimicrobial Activity Enhancers: Towards Smart Delivery of Antimicrobial Agents. Antibiotics, 2022, 11, 412.	1.5	37
7	Development of a peptide vaccine against hookworm infection: Immunogenicity, efficacy, and immune correlates of protection. Journal of Allergy and Clinical Immunology, 2022, 150, 157-169.e10.	1.5	5
8	Investigation of liposomal self-adjuvanting peptide epitopes derived from conserved blood-stage Plasmodium antigens. PLoS ONE, 2022, 17, e0264961.	1.1	0
9	Structure-activity relationship of lipid, cyclic peptide and antigen rearrangement of physically mixed vaccines. International Journal of Pharmaceutics, 2022, 617, 121614.	2.6	1
10	Liposomes for the Delivery of Lipopeptide Vaccines. Methods in Molecular Biology, 2022, 2412, 295-307.	0.4	8
11	Polymerâ€“Peptide Conjugate Vaccine for Oral Immunization. Methods in Molecular Biology, 2022, 2412, 35-44.	0.4	1
12	Developments in Vaccine Adjuvants. Methods in Molecular Biology, 2022, 2412, 145-178.	0.4	32
13	Current Prospects in Peptide-Based Subunit Nanovaccines. Methods in Molecular Biology, 2022, 2412, 309-338.	0.4	6
14	Peptide-Based Vaccine against SARS-CoV-2: Peptide Antigen Discovery and Screening of Adjuvant Systems. Pharmaceutics, 2022, 14, 856.	2.0	4
15	Multiplex polymerase chain reaction typing scheme based on Escherichia coli O157:H7 Sakai prophage (Sp)-associated genes. International Journal of Infectious Diseases, 2022, 120, 68-76.	1.5	2
16	Advances in Infectious Disease Vaccine Adjuvants. Vaccines, 2022, 10, 1120.	2.1	32
17	Nanocarrier-based vaccine delivery systems for synthetic peptide vaccines. , 2021, , 509-535.		2
18	A Potent Vaccine Delivery System. Bio-protocol, 2021, 11, e3973.	0.2	2

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19	Peptide-Pegylated Lipid Conjugation Via Copper-Catalyzed Alkyne-Azide 1,3-Dipolar Cycloaddition. Methods in Molecular Biology, 2021, 2355, 57-64.	0.4	0
20	Antibodies to neutralising epitopes synergistically block the interaction of the receptorâ€binding domain of SARSâ€CoVâ€2 to ACE 2. Clinical and Translational Immunology, 2021, 10, e1260.	1.7	13
21	A Global Review on Short Peptides: Frontiers and Perspectives. Molecules, 2021, 26, 430.	1.7	190
22	Poly(hydrophobic amino acid)-Based Self-Adjuvanting Nanoparticles for Group A Streptococcus Vaccine Delivery. Journal of Medicinal Chemistry, 2021, 64, 2648-2658.	2.9	32
23	Immunogenicity Assessment of Cell Wall Carbohydrates of Group A Streptococcus via Self-Adjuvanted Glyco-lipopeptides. ACS Infectious Diseases, 2021, 7, 390-405.	1.8	9
24	Polyethylenimine quantity and molecular weight influence its adjuvanting properties in liposomal peptide vaccines. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127920.	1.0	9
25	Cell-Penetrating Peptides-Based Liposomal Delivery System Enhanced Immunogenicity of Peptide-Based Vaccine against Group A Streptococcus. Vaccines, 2021, 9, 499.	2.1	19
26	Chemical Conjugation Strategies for the Development of Protein-Based Subunit Nanovaccines. Vaccines, 2021, 9, 563.	2.1	47
27	Key Considerations for the Development of Safe and Effective SARSâ€CoVâ€2 Subunit Vaccine: A Peptideâ€Based Vaccine Alternative. Advanced Science, 2021, 8, e2100985.	5.6	16
28	Lipoamino acid-modified GnRH analogs with receptor-mediated antiproliferative activity in prostate and ovarian cancer cells. Medicinal Chemistry Research, 2021, 30, 1577-1587.	1.1	2
29	Pre-clinical evaluation of a whole-parasite vaccine to control human babesiosis. Cell Host and Microbe, 2021, 29, 894-903.e5.	5.1	14
30	Polyacrylate-GnRH Peptide Conjugate as an Oral Contraceptive Vaccine Candidate. Pharmaceutics, 2021, 13, 1081.	2.0	8
31	Poly(hydrophobic amino acid) Conjugates for the Delivery of Multiepitope Vaccine against Group A Streptococcus. Bioconjugate Chemistry, 2021, 32, 2307-2317.	1.8	8
32	Oral Peptide Vaccine against Hookworm Infection: Correlation of Antibody Titers with Protective Efficacy. Vaccines, 2021, 9, 1034.	2.1	14
33	Double Conjugation Using Mercapto-Acryloyl and Alkyne-Azide Reactions for the Synthesis of Branched Multiantigenic Vaccine Candidates. Methods in Molecular Biology, 2021, 2355, 141-150.	0.4	0
34	Peptide-Polymer Conjugation Via Copper-Catalyzed Alkyne-Azide 1,3-Dipolar Cycloaddition. Methods in Molecular Biology, 2021, 2355, 1-7.	0.4	1
35	Cyclic Dipeptides: The Biological and Structural Landscape with Special Focus on the Anti-Cancer Proline-Based Scaffold. Biomolecules, 2021, 11, 1515.	1.8	42
36	Development and Evaluation of a Cryopreserved Whole-Parasite Vaccine in a Rodent Model of Blood-Stage Malaria. MBio, 2021, 12, e0265721.	1.8	11

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37	Hookworm infection: Toward development of safe and effective peptide vaccines. Journal of Allergy and Clinical Immunology, 2021, 148, 1394-1419.e6.	1.5	2
38	Physical mixture of a cyclic lipopeptide vaccine induced high titres of opsonic IgG antibodies against group A streptococcus. Biomaterials Science, 2021, 10, 281-293.	2.6	5
39	Detection and Quantification of SARS-CoV-2 Receptor Binding Domain Neutralization by a Sensitive Competitive ELISA Assay. Vaccines, 2021, 9, 1493.	2.1	5
40	Lipopeptide-Based Oral Vaccine Against Hookworm Infection. Journal of Infectious Diseases, 2020, 221, 934-942.	1.9	36
41	Mannosylated liposomes formulated with whole parasite P. falciparum blood-stage antigens are highly immunogenic in mice. Vaccine, 2020, 38, 1494-1504.	1.7	8
42	Carbohydrate Immune Adjuvants in Subunit Vaccines. Pharmaceutics, 2020, 12, 965.	2.0	27
43	Progress in the Development of Subunit Vaccines against Malaria. Vaccines, 2020, 8, 373.	2.1	15
44	Polyethylenimine: An Intranasal Adjuvant for Liposomal Peptide-Based Subunit Vaccine against Group A Streptococcus. ACS Infectious Diseases, 2020, 6, 2502-2512.	1.8	21
45	A dual-adjuvanting strategy for peptide-based subunit vaccines against group A Streptococcus: Lipidation and polyelectrolyte complexes. Bioorganic and Medicinal Chemistry, 2020, 28, 115823.	1.4	6
46	Structureâ€“Activity Analysis of Cyclic Multicomponent Lipopeptide Self-Adjuvanting Vaccine Candidates Presenting Group A Streptococcus Antigens. Journal of Medicinal Chemistry, 2020, 63, 5387-5397.	2.9	11
47	Opsonic Activity of Conservative Versus Variable Regions of the Group A Streptococcus M Protein. Vaccines, 2020, 8, 210.	2.1	9
48	Non-invasive mucosal vaccine delivery: advantages, challenges and the future. Expert Opinion on Drug Delivery, 2020, 17, 435-437.	2.4	45
49	Polyacrylateâ€“Peptide Antigen Conjugate as a Single-Dose Oral Vaccine against Group A Streptococcus. Vaccines, 2020, 8, 23.	2.1	25
50	Poly(amino acids) as a potent self-adjuvanting delivery system for peptide-based nanovaccines. Science Advances, 2020, 6, eaax2285.	4.7	85
51	Development of Polyelectrolyte Complexes for the Delivery of Peptide-Based Subunit Vaccines against Group A Streptococcus. Nanomaterials, 2020, 10, 823.	1.9	29
52	Immunology of carbohydrate-based vaccines. Advanced Drug Delivery Reviews, 2020, 165-166, 117-126.	6.6	21
53	Genome Analysis of a Historical Shigella dysenteriae Serotype 1 Strain Carrying a Conserved Stx Prophage Region. Frontiers in Microbiology, 2020, 11, 614793.	1.5	1
54	Application of Fmoc-SPPS, Thiol-Maleimide Conjugation, and Copper(I)-Catalyzed Alkyne-Azide Cycloaddition â€œClickâ€•Reaction in the Synthesis of a Complex Peptide-Based Vaccine Candidate Against Group A Streptococcus. Methods in Molecular Biology, 2020, 2103, 13-27.	0.4	6

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55	Lipids as Activators of Innate Immunity in Peptide Vaccine Delivery. Current Medicinal Chemistry, 2020, 27, 2887-2901.	1.2	32
56	Development of natural and unnatural amino acid delivery systems against hookworm infection. Precision Nanomedicine, 2020, 3, 471-482.	0.4	16
57	An Isodipeptide Building Block for Microwave-Assisted Solid-Phase Synthesis of Difficult Sequence-Containing Peptides. Methods in Molecular Biology, 2020, 2103, 139-150.	0.4	2
58	Peptide-based targeted polymeric nanoparticles for siRNA delivery. Nanotechnology, 2019, 30, 415604.	1.3	21
59	Brain Delivery of Thyrotropin-Releasing Hormone via a Novel Prodrug Approach. Pharmaceutics, 2019, 11, 349.	2.0	7
60	Cholic Acid-based Delivery System for Vaccine Candidates against Group A Streptococcus. ACS Medicinal Chemistry Letters, 2019, 10, 1253-1259.	1.3	23
61	Gastrin-releasing peptide receptor-targeted hybrid peptide/phospholipid pDNA/siRNA delivery systems. Nanomedicine, 2019, 14, 1153-1171.	1.7	8
62	Recent Advances in the Development of Peptide Vaccines and Their Delivery Systems Against Group A Streptococcus. Vaccines, 2019, 7, 58.	2.1	50
63	R18C is a new viable P2-like bacteriophage of rabbit origin infecting Citrobacter rodentium and Shigella sonnei strains. Archives of Virology, 2019, 164, 3157-3160.	0.9	4
64	Cell-penetrating peptides in vaccine delivery: facts, challenges and perspectives. Therapeutic Delivery, 2019, 10, 465-467.	1.2	23
65	Polyelectrolyte-Based Platforms for the Delivery of Peptides and Proteins. ACS Biomaterials Science and Engineering, 2019, 5, 4937-4950.	2.6	59
66	Self-assembly of trimethyl chitosan and poly(anionic amino acid)-peptide antigen conjugate to produce a potent self-adjuvanting nanovaccine delivery system. Bioorganic and Medicinal Chemistry, 2019, 27, 3082-3088.	1.4	30
67	Structure-activity relationship of group A streptococcus lipopeptide vaccine candidates in trimethyl chitosan-based self-adjuvanting delivery system. European Journal of Medicinal Chemistry, 2019, 179, 100-108.	2.6	27
68	Cell-penetrating Peptides: Efficient Vectors for Vaccine Delivery. Current Drug Delivery, 2019, 16, 430-443.	0.8	71
69	An Experimental Group A Streptococcus Vaccine That Reduces Pharyngitis and Tonsillitis in a Nonhuman Primate Model. MBio, 2019, 10, .	1.8	57
70	Polymers for subunit vaccine delivery. European Polymer Journal, 2019, 114, 397-410.	2.6	64
71	Induction of Plasmodium-Specific Immune Responses Using Liposome-Based Vaccines. Frontiers in Immunology, 2019, 10, 135.	2.2	17
72	Complete genome sequence of C130_2, a novel myovirus infecting pathogenic Escherichia coli and Shigella strains. Archives of Virology, 2019, 164, 321-324.	0.9	5

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73	Advances in Targeted Gene Delivery. Current Drug Delivery, 2019, 16, 588-608.	0.8	15
74	Carbohydrates in Vaccine Development. Current Drug Delivery, 2019, 16, 609-617.	0.8	3
75	Influence of Physicochemical Properties of Lipopeptide Adjuvants on the Immune Response: A Rationale for Engineering a Potent Vaccine. Chemistry - A European Journal, 2018, 24, 9892-9902.	1.7	9
76	Bombesin/oligoarginine fusion peptides for gastrin releasing peptide receptor (GRPR) targeted gene delivery. Bioorganic and Medicinal Chemistry, 2018, 26, 516-526.	1.4	14
77	Polyglutamic acid-trimethyl chitosan-based intranasal peptide nano-vaccine induces potent immune responses against group A streptococcus. Acta Biomaterialia, 2018, 80, 278-287.	4.1	75
78	Peptide-based vaccines. , 2018, , 327-358.		28
79	Identification and characterization of new broad host-range rV5-like coliphages C203 and P206 directed against enterobacteria. Infection, Genetics and Evolution, 2018, 64, 254-261.	1.0	14
80	Identification and Characterization of T5-Like Bacteriophages Representing Two Novel Subgroups from Food Products. Frontiers in Microbiology, 2018, 9, 202.	1.5	39
81	Liposomal formulation of polyacrylate-peptide conjugate as a new vaccine candidate against cervical cancer. Precision Nanomedicine, 2018, 1, 183-193.	0.4	8
82	Investigating the affinity of poly tert-butyl acrylate toward Toll-Like Receptor 2. AIMS Allergy and Immunology, 2018, 2, 141-147.	0.3	6
83	Recent advances in self-assembled peptides: Implications for targeted drug delivery and vaccine engineering. Advanced Drug Delivery Reviews, 2017, 110-111, 169-187.	6.6	281
84	Design and evaluation of a stearylated multicomponent peptide-siRNA nanocomplex for efficient cellular siRNA delivery. Nanomedicine, 2017, 12, 281-293.	1.7	12
85	Comparison of Fluorinated and Nonfluorinated Lipids in Self-Adjuvanting Delivery Systems for Peptide-Based Vaccines. ACS Medicinal Chemistry Letters, 2017, 8, 227-232.	1.3	12
86	Synthesis, Characterization and Immunological Evaluation of Selfâ€Adjuvanting Groupâ€…A Streptococcal Vaccine Candidates Bearing Various Lipidic Adjuvanting Moieties. ChemBioChem, 2017, 18, 545-553.	1.3	10
87	The application of self-assembled nanostructures in peptide-based subunit vaccine development. European Polymer Journal, 2017, 93, 670-681.	2.6	57
88	New gonadotropin-releasing hormone glycolipids with direct antiproliferative activity and gonadotropin-releasing potency. International Journal of Pharmaceutics, 2017, 521, 327-336.	2.6	3
89	Intranasal delivery of nanoparticle-based vaccines. Therapeutic Delivery, 2017, 8, 151-167.	1.2	62
90	Synthesis of Multicomponent Peptide-Based Vaccine Candidates against Group A Streptococcus. Australian Journal of Chemistry, 2017, 70, 184.	0.5	3

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91	Frontispiece: An Overview of Structural Features of Antibacterial Glycoconjugate Vaccines That Influence Their Immunogenicity. Chemistry - A European Journal, 2017, 23, .	1.7	0
92	Peptide-Based Multicomponent Oligonucleotide Delivery Systems: Optimisation of Poly-l-lysine Dendrons for Plasmid DNA Delivery. International Journal of Peptide Research and Therapeutics, 2017, 23, 119-134.	0.9	6
93	Development of New Gonadotropin-Releasing Hormone-Modified Dendrimer Platforms with Direct Antiproliferative and Gonadotropin Releasing Activity. Journal of Medicinal Chemistry, 2017, 60, 8309-8320.	2.9	7
94	Bivalent mucosal peptide vaccines administered using the LCP carrier system stimulate protective immune responses against Streptococcus pyogenes infection. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2463-2474.	1.7	19
95	Induction of high titred, non-neutralising antibodies by self-adjuvanting peptide epitopes derived from the respiratory syncytial virus fusion protein. Scientific Reports, 2017, 7, 11130.	1.6	20
96	Multifunctional peptide-lipid nanocomplexes for efficient targeted delivery of DNA and siRNA into breast cancer cells. Acta Biomaterialia, 2017, 59, 257-268.	4.1	39
97	An Overview of Structural Features of Antibacterial Glycoconjugate Vaccines That Influence Their Immunogenicity. Chemistry - A European Journal, 2017, 23, 4233-4254.	1.7	43
98	Liposomes as a Vaccine Delivery System. , 2017, , 221-239.		33
99	Highly Immunogenic Trimethyl Chitosan-based Delivery System for Intranasal Lipopeptide Vaccines against Group A Streptococcus. Current Drug Delivery, 2017, 14, 701-708.	0.8	21
100	Evaluation of Lipopeptides as Toll-like Receptor 2 Ligands. Current Drug Delivery, 2017, 14, 935-943.	0.8	6
101	Poly-L-lysine-coated nanoparticles are ineffective in inducing mucosal immunity against group a streptococcus. Biochemical Compounds, 2017, 5, 1.	0.7	6
102	Polyelectrolyte coated liposome delivery systems against Group A Streptococcus (GAS) infection. Journal of Nanomedicine & Nanotechnology, 2017, 08, .	1.1	0
103	Synthesis of Glycolipid-based Drug Delivery Systems for Oral Administration. Drug Delivery Letters, 2016, 6, 38-45.	0.2	0
104	Preface. Current Drug Delivery, 2016, 13, 3-3.	0.8	0
105	Differing Efficacies of Lead Group A Streptococcal Vaccine Candidates and Full-Length M Protein in Cutaneous and Invasive Disease Models. MBio, 2016, 7, .	1.8	51
106	Novel platform technology for modular mucosal vaccine that protects against streptococcus. Scientific Reports, 2016, 6, 39274.	1.6	26
107	Short cationic lipopeptides as effective antibacterial agents: Design, physicochemical properties and biological evaluation. Bioorganic and Medicinal Chemistry, 2016, 24, 2235-2241.	1.4	24
108	Synthesis, characterization and inÂvitro evaluation of amphiphilic ion pairs of erythromycin and kanamycin antibiotics with liposaccharides. European Journal of Medicinal Chemistry, 2016, 120, 329-337.	2.6	6

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109	Multilayer engineered nanoliposomes as a novel tool for oral delivery of lipopeptide-based vaccines against group A Streptococcus. Nanomedicine, 2016, 11, 1223-1236.	1.7	60
110	Liposome-based intranasal delivery of lipopeptide vaccine candidates against group A streptococcus. Acta Biomaterialia, 2016, 41, 161-168.	4.1	62
111	The Use of Microwave-Assisted Solid-Phase Peptide Synthesis and Click Chemistry for the Synthesis of Vaccine Candidates Against Hookworm Infection. Methods in Molecular Biology, 2016, 1403, 639-653.	0.4	16
112	Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. Therapeutic Delivery, 2016, 7, 601-609.	1.2	21
113	Investigation of bombesin peptide as a targeting ligand for the gastrin releasing peptide (GRP) receptor. Bioorganic and Medicinal Chemistry, 2016, 24, 5834-5841.	1.4	24
114	Multiantigenic peptideâ€“polymer conjugates as therapeutic vaccines against cervical cancer. Bioorganic and Medicinal Chemistry, 2016, 24, 4372-4380.	1.4	34
115	A semi-synthetic whole parasite vaccine designed to protect against blood stage malaria. Acta Biomaterialia, 2016, 44, 295-303.	4.1	24
116	Lipid core peptide/poly(lactic-co-glycolic acid) as a highly potent intranasal vaccine delivery system against Group A streptococcus. International Journal of Pharmaceutics, 2016, 513, 410-420.	2.6	36
117	Cytolethal distending toxin producing Escherichia coli O157:H43 strain T22 represents a novel evolutionary lineage within the O157 serogroup. Infection, Genetics and Evolution, 2016, 46, 110-117.	1.0	3
118	Double adjuvanting strategy for peptide-based vaccines: trimethyl chitosan nanoparticles for lipopeptide delivery. Nanomedicine, 2016, 11, 3223-3235.	1.7	49
119	Structureâ€“activity relationship of lipid core peptide-based Group A Streptococcus vaccine candidates. Bioorganic and Medicinal Chemistry, 2016, 24, 3095-3101.	1.4	25
120	Recent advances in oral delivery of peptide hormones. Expert Opinion on Drug Delivery, 2016, 13, 507-522.	2.4	18
121	Comparative analysis of the Shiga toxin converting bacteriophage first detected in Shigella sonnei. Infection, Genetics and Evolution, 2016, 37, 150-157.	1.0	31
122	Nanosized, peptide-based multicomponent DNA delivery systems: optimization of endosome escape activity. Nanomedicine, 2016, 11, 907-919.	1.7	14
123	Glycosylation, an effective synthetic strategy to improve the bioavailability of therapeutic peptides. Chemical Science, 2016, 7, 2492-2500.	3.7	191
124	Synthesis of Mannosylated Lipopeptides with Receptor Targeting Properties. Bioconjugate Chemistry, 2016, 27, 533-548.	1.8	12
125	Peptide-based synthetic vaccines. Chemical Science, 2016, 7, 842-854.	3.7	450
126	Systematic evaluation of self-adjuvanting lipopeptide nano-vaccine platforms for the induction of potent CD8+T-cell responses. Nanomedicine, 2016, 11, 137-152.	1.7	12

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127	Double conjugation strategy to incorporate lipid adjuvants into multiantigenic vaccines. Chemical Science, 2016, 7, 2308-2321.	3.7	24
128	Recent advances in the development of subunit-based RSV vaccines. Expert Review of Vaccines, 2016, 15, 53-68.	2.0	26
129	Identification of Host Insulin Binding Sites on Schistosoma japonicum Insulin Receptors. PLoS ONE, 2016, 11, e0159704.	1.1	9
130	Towards the Development of Synthetic Antibiotics: Designs Inspired by Natural Antimicrobial Peptides. Current Medicinal Chemistry, 2016, 23, 4610-4624.	1.2	17
131	The Role of Size in Development of Mucosal Liposome-Lipopeptide Vaccine Candidates Against Group A Streptococcus. Medicinal Chemistry, 2016, 13, 22-27.	0.7	21
132	Synthesis and immunological evaluation of peptide-based vaccine candidates against malaria. Biochemical Compounds, 2016, 4, 1.	0.7	3
133	Investigation of Structureâ€“Activity Relationships of Synthetic Antiâ€Gonadotropin Releasing Hormone Vaccine Candidates. ChemMedChem, 2015, 10, 901-910.	1.6	8
134	The cytolethal distending toxin-IV cdt coding region in an avian pathogenic Escherichia coli (APEC) strain shows instability and irregular excision pattern. Acta Microbiologica Et Immunologica Hungarica, 2015, 62, 423-433.	0.4	1
135	Lipopeptide Nanoparticles: Development of Vaccines against Hookworm Parasite. ChemMedChem, 2015, 10, 1647-1654.	1.6	27
136	Self-Adjuvanting Therapeutic Peptide-Based Vaccine Induce CD8⁺ Cytotoxic T Lymphocyte Responses in a Murine Human Papillomavirus Tumor Model. Current Drug Delivery, 2015, 12, 3-8.	0.8	24
137	Luteinizing Hormone Releasing Hormone/Galactose Core/Lipopeptide. MolBank, 2015, 2015, M881.	0.2	0
138	Levofloxacin and Indolicidin for Combination Antimicrobial Therapy. Current Drug Delivery, 2015, 12, 108-114.	0.8	37
139	Editorial (Thematic Issue: Drug Delivery Australia). Current Drug Delivery, 2015, 12, 2-2.	0.8	0
140	A study on the encapsulation of an occludin lipophilic derivative in liposomal carriers. Journal of Liposome Research, 2015, 25, 287-293.	1.5	8
141	The use of a conformational cathepsin D-derived epitope for vaccine development against Schistosoma mansoni. Bioorganic and Medicinal Chemistry, 2015, 23, 1307-1312.	1.4	27
142	Design, synthesis and evaluation of a gonadotropin releasing hormone-based subunit vaccine in rams (Ovis aries). Vaccine, 2015, 33, 1453-1458.	1.7	6
143	Peptide based DNA nanocarriers incorporating a cell-penetrating peptide derived from neurturin protein and poly-l-lysine dendrons. Bioorganic and Medicinal Chemistry, 2015, 23, 2470-2479.	1.4	8
144	A study on liposomal encapsulation of a lipophilic prodrug of LHRH. Pharmaceutical Development and Technology, 2015, 21, 1-8.	1.1	5

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145	In vivo pharmacological evaluation of a lactose-conjugated luteinizing hormone releasing hormone analogue. International Journal of Pharmaceutics, 2015, 495, 106-111.	2.6	5
146	Combined synthetic and recombinant techniques for the development of lipoprotein-based, self-adjuvanting vaccines targeting human papillomavirus type-16 associated tumors. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5570-5575.	1.0	6
147	Evaluation of the Biological Properties and the Enzymatic Stability of Glycosylated Luteinizing Hormone-Releasing Hormone Analogs. AAPS Journal, 2015, 17, 1135-1143.	2.2	10
148	Intravitreal injection of lipoamino acid-modified connexin43 mimetic peptide enhances neuroprotection after retinal ischemia. Drug Delivery and Translational Research, 2015, 5, 480-488.	3.0	29
149	Self-assembling lipopeptides with a potent activity against Gram-positive bacteria, including multidrug resistant strains. Nanomedicine, 2015, 10, 3359-3371.	1.7	9
150	Stability, Permeability and Growth-Inhibitory Properties of Gonadotropin-Releasing Hormone Liposaccharides. Pharmaceutical Research, 2015, 32, 1570-1584.	1.7	12
151	Polyacrylate-Based Delivery System for Self-adjuvanting Anticancer Peptide Vaccine. Journal of Medicinal Chemistry, 2015, 58, 888-896.	2.9	56
152	Synthesis and Characterisation of Selfâ€Assembled and Selfâ€Adjuvanting Asymmetric Multiâ€Epitope Lipopeptides of Ovalbumin. Chemistry - A European Journal, 2015, 21, 1251-1261.	1.7	10
153	A novel transducible chimeric phage from Escherichia coli O157:H7 Sakai strain encoding Stx1 production. Infection, Genetics and Evolution, 2015, 29, 42-47.	1.0	12
154	Endosome Escape Strategies for Improving the Efficacy of Oligonucleotide Delivery Systems. Current Medicinal Chemistry, 2015, 22, 3326-3346.	1.2	41
155	Meet Our Editor. Medicinal Chemistry, 2015, 11, 415-415.	0.7	0
156	Schistosome Vaccine Adjuvants in Preclinical and Clinical Research. Vaccines, 2014, 2, 654-685.	2.1	26
157	Editorial (Thematic Issue: Nanotechnology for Drug Delivery Applications). Current Drug Delivery, 2014, 11, 665-665.	0.8	1
158	Group A Streptococcal vaccine candidate: contribution of epitope to size, antigen presenting cell interaction and immunogenicity. Nanomedicine, 2014, 9, 2613-2624.	1.7	38
159	Biophysical characterization of lectinâ€“glycan interactions for therapeutics, vaccines and targeted drug-delivery. Future Medicinal Chemistry, 2014, 6, 2113-2129.	1.1	11
160	Recent progress in adjuvant discovery for peptide-based subunit vaccines. Human Vaccines and Immunotherapeutics, 2014, 10, 778-796.	1.4	183
161	Recent advances in peptide-based subunit nanovaccines. Nanomedicine, 2014, 9, 2657-2669.	1.7	172
162	Convergent synthetic methodology for the construction of self-adjuvanting lipopeptide vaccines using a novel carbohydrate scaffold. Beilstein Journal of Organic Chemistry, 2014, 10, 1741-1748.	1.3	9

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163	Toll-like receptor agonists: a patent review (2011 â€“ 2013). Expert Opinion on Therapeutic Patents, 2014, 24, 453-470.	2.4	62
164	The immune system likes nanotechnology. Nanomedicine, 2014, 9, 2607-2609.	1.7	10
165	The Transport and Efflux of Glycosylated Luteinising Hormone-Releasing Hormone Analogues in Caco-2 Cell Model: Contributions of Glucose Transporters and Efflux Systems. Journal of Pharmaceutical Sciences, 2014, 103, 3217-3224.	1.6	10
166	Lipid core peptide targeting the cathepsin D hemoglobinase ofSchistosoma mansonias a component of a schistosomiasis vaccine. Human Vaccines and Immunotherapeutics, 2014, 10, 399-409.	1.4	23
167	Calorimetry and Langmuirâ€“Blodgett studies on the interaction of a lipophilic prodrug of LHRH with biomembrane models. Journal of Colloid and Interface Science, 2014, 421, 122-131.	5.0	6
168	Delivery of a lactose derivative of endomorphin 1 to the brain via the olfactory epithelial pathway. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1373-1375.	1.0	2
169	Site-Specific Incorporation of Three Toll-Like Receptor 2 Targeting Adjuvants into Semisynthetic, Molecularly Defined Nanoparticles: Application to Group A Streptococcal Vaccines. Bioconjugate Chemistry, 2014, 25, 965-978.	1.8	46
170	Effect of lipidated gonadotropin-releasing hormone peptides on receptor mediated binding and uptake into prostate cancer cells in vitro. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1799-1808.	1.7	7
171	Self-adjuvanting vaccine against group A streptococcus: Application of fibrillized peptide and immunostimulatory lipid as adjuvant. Bioorganic and Medicinal Chemistry, 2014, 22, 6401-6408.	1.4	41
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