

Mariusz Skwarczynski

List of Publications by Year in Descending Order

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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.

140
papers

4,125
citations

37
h-index

57
g-index

168
ext. papers

4,877
ext. citations

4.6
avg, IF

5.92
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 140 | Preparation of Trimethyl Chitosan-Based Polyelectrolyte Complexes for Peptide Subunit Vaccine Delivery. <i>Methods in Molecular Biology</i> , 2022 , 2414, 141-149 | 1.4 | 1 |
| 139 | Peptide-Based Nanovaccines in the Treatment of Cervical Cancer: A Review of Recent Advances.. <i>International Journal of Nanomedicine</i> , 2022 , 17, 869-900 | 7.3 | 4 |
| 138 | Antimicrobial Activity Enhancers: Towards Smart Delivery of Antimicrobial Agents.. <i>Antibiotics</i> , 2022 , 11, | 4.9 | 4 |
| 137 | Investigation of liposomal self-adjuvanting peptide epitopes derived from conserved blood-stage Plasmodium antigens.. <i>PLoS ONE</i> , 2022 , 17, e0264961 | 3.7 | |
| 136 | Liposomes for the Delivery of Lipopeptide Vaccines.. <i>Methods in Molecular Biology</i> , 2022 , 2412, 295-307 | 1.4 | |
| 135 | Polymer-Peptide Conjugate Vaccine for Oral Immunization.. <i>Methods in Molecular Biology</i> , 2022 , 2412, 35-44 | 1.4 | 1 |
| 134 | Developments in Vaccine Adjuvants.. <i>Methods in Molecular Biology</i> , 2022 , 2412, 145-178 | 1.4 | 4 |
| 133 | Current Prospects in Peptide-Based Subunit Nanovaccines.. <i>Methods in Molecular Biology</i> , 2022 , 2412, 309-338 | 1.4 | 2 |
| 132 | Hookworm infection: Toward development of safe and effective peptide vaccines. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 1394-1419.e6 | 11.5 | 1 |
| 131 | Cyclic Dipeptides: The Biological and Structural Landscape with Special Focus on the Anti-Cancer Proline-Based Scaffold. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 3 |
| 130 | Development and Evaluation of a Cryopreserved Whole-Parasite Vaccine in a Rodent Model of Blood-Stage Malaria. <i>MBio</i> , 2021 , 12, e0265721 | 7.8 | 3 |
| 129 | Cell-Penetrating Peptides-Based Liposomal Delivery System Enhanced Immunogenicity of Peptide-Based Vaccine against Group A Streptococcus. <i>Vaccines</i> , 2021 , 9, | 5.3 | 6 |
| 128 | Chemical Conjugation Strategies for the Development of Protein-Based Subunit Nanovaccines. <i>Vaccines</i> , 2021 , 9, | 5.3 | 13 |
| 127 | Key Considerations for the Development of Safe and Effective SARS-CoV-2 Subunit Vaccine: A Peptide-Based Vaccine Alternative. <i>Advanced Science</i> , 2021 , 8, e2100985 | 13.6 | 8 |
| 126 | Pre-clinical evaluation of a whole-parasite vaccine to control human babesiosis. <i>Cell Host and Microbe</i> , 2021 , 29, 894-903.e5 | 23.4 | 5 |
| 125 | Polyacrylate-GnRH Peptide Conjugate as an Oral Contraceptive Vaccine Candidate. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 3 |
| 124 | A Potent Vaccine Delivery System. <i>Bio-protocol</i> , 2021 , 11, e3973 | 0.9 | 2 |

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| 123 | Antibodies to neutralising epitopes synergistically block the interaction of the receptor-binding domain of SARS-CoV-2 to ACE 2. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1260 | 6.8 | 7 |
| 122 | A Global Review on Short Peptides: Frontiers and Perspectives. <i>Molecules</i> , 2021 , 26, | 4.8 | 37 |
| 121 | Poly(hydrophobic amino acid)-Based Self-Adjuvanting Nanoparticles for Group A Vaccine Delivery. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2648-2658 | 8.3 | 13 |
| 120 | Poly(hydrophobic amino acid) Conjugates for the Delivery of Multiepitope Vaccine against Group A Streptococcus. <i>Bioconjugate Chemistry</i> , 2021 , 32, 2307-2317 | 6.3 | 3 |
| 119 | Oral Peptide Vaccine against Hookworm Infection: Correlation of Antibody Titers with Protective Efficacy. <i>Vaccines</i> , 2021 , 9, | 5.3 | 4 |
| 118 | Double Conjugation Using Mercapto-Acryloyl and Alkyne-Azide Reactions for the Synthesis of Branched Multiantigenic Vaccine Candidates. <i>Methods in Molecular Biology</i> , 2021 , 2355, 141-150 | 1.4 | |
| 117 | Peptide-Polymer Conjugation Via Copper-Catalyzed Alkyne-Azide 1,3-Dipolar Cycloaddition. <i>Methods in Molecular Biology</i> , 2021 , 2355, 1-7 | 1.4 | |
| 116 | Detection and Quantification of SARS-CoV-2 Receptor Binding Domain Neutralization by a Sensitive Competitive ELISA Assay.. <i>Vaccines</i> , 2021 , 9, | 5.3 | 1 |
| 115 | Polyacrylate-Peptide Antigen Conjugate as a Single-Dose Oral Vaccine against Group A. <i>Vaccines</i> , 2020 , 8, | 5.3 | 17 |
| 114 | Poly(amino acids) as a potent self-adjuvanting delivery system for peptide-based nanovaccines. <i>Science Advances</i> , 2020 , 6, eaax2285 | 14.3 | 53 |
| 113 | Development of Polyelectrolyte Complexes for the Delivery of Peptide-Based Subunit Vaccines against Group A. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 21 |
| 112 | Lipids as Activators of Innate Immunity in Peptide Vaccine Delivery. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2887-2901 | 4.3 | 20 |
| 111 | Development of natural and unnatural amino acid delivery systems against hookworm infection. <i>Precision Nanomedicine</i> , 2020 , 3, 471-482 | 1.2 | 12 |
| 110 | An Isodipeptide Building Block for Microwave-Assisted Solid-Phase Synthesis of Difficult Sequence-Containing Peptides. <i>Methods in Molecular Biology</i> , 2020 , 2103, 139-150 | 1.4 | 1 |
| 109 | Mannosylated liposomes formulated with whole parasite <i>P. falciparum</i> blood-stage antigens are highly immunogenic in mice. <i>Vaccine</i> , 2020 , 38, 1494-1504 | 4.1 | 5 |
| 108 | Carbohydrate Immune Adjuvants in Subunit Vaccines. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 13 |
| 107 | Progress in the Development of Subunit Vaccines against Malaria. <i>Vaccines</i> , 2020 , 8, | 5.3 | 7 |
| 106 | A dual-adjuvanting strategy for peptide-based subunit vaccines against group A Streptococcus: Lipidation and polyelectrolyte complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115823 | 3.4 | 4 |

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|-----|---|------|----|
| 105 | Lipopeptide-Based Oral Vaccine Against Hookworm Infection. <i>Journal of Infectious Diseases</i> , 2020 , 221, 934-942 | 7 | 28 |
| 104 | Application of Fmoc-SPPS, Thiol-Maleimide Conjugation, and Copper(I)-Catalyzed Alkyne-Azide Cycloaddition "Click" Reaction in the Synthesis of a Complex Peptide-Based Vaccine Candidate Against Group A Streptococcus. <i>Methods in Molecular Biology</i> , 2020 , 2103, 13-27 | 1.4 | 5 |
| 103 | Polyelectrolyte-Based Platforms for the Delivery of Peptides and Proteins. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4937-4950 | 5.5 | 35 |
| 102 | Self-assembly of trimethyl chitosan and poly(anionic amino acid)-peptide antigen conjugate to produce a potent self-adjuncting nanovaccine delivery system. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 3082-3088 | 3.4 | 23 |
| 101 | Structure-activity relationship of group A streptococcus lipopeptide vaccine candidates in trimethyl chitosan-based self-adjuncting delivery system. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 100-108 | 6.8 | 23 |
| 100 | Cell-penetrating Peptides: Efficient Vectors for Vaccine Delivery. <i>Current Drug Delivery</i> , 2019 , 16, 430-443 | 3.2 | 42 |
| 99 | Polymers for subunit vaccine delivery. <i>European Polymer Journal</i> , 2019 , 114, 397-410 | 5.2 | 44 |
| 98 | Cholic Acid-based Delivery System for Vaccine Candidates against Group A Streptococcus. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1253-1259 | 4.3 | 17 |
| 97 | Recent Advances in the Development of Peptide Vaccines and Their Delivery Systems Against Group A Streptococcus. <i>Vaccines</i> , 2019 , 7, | 5.3 | 28 |
| 96 | Induction of Plasmodium-Specific Immune Responses Using Liposome-Based Vaccines. <i>Frontiers in Immunology</i> , 2019 , 10, 135 | 8.4 | 13 |
| 95 | Peptide-based vaccines 2018 , 327-358 | | 17 |
| 94 | Liposomal formulation of polyacrylate-peptide conjugate as a new vaccine candidate against cervical cancer. <i>Precision Nanomedicine</i> , 2018 , 1, 183-193 | 1.2 | 6 |
| 93 | Investigating the affinity of poly tert-butyl acrylate toward Toll-Like Receptor 2. <i>AIMS Allergy and Immunology</i> , 2018 , 2, 141-147 | 0.5 | 5 |
| 92 | Polyglutamic acid-trimethyl chitosan-based intranasal peptide nano-vaccine induces potent immune responses against group A streptococcus. <i>Acta Biomaterialia</i> , 2018 , 80, 278-287 | 10.8 | 51 |
| 91 | Inulin: A New Adjuvant With Unknown Mode of Action. <i>EBioMedicine</i> , 2017 , 15, 8-9 | 8.8 | 5 |
| 90 | Comparison of Fluorinated and Nonfluorinated Lipids in Self-Adjuvanting Delivery Systems for Peptide-Based Vaccines. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 227-232 | 4.3 | 9 |
| 89 | The application of self-assembled nanostructures in peptide-based subunit vaccine development. <i>European Polymer Journal</i> , 2017 , 93, 670-681 | 5.2 | 50 |
| 88 | Intranasal delivery of nanoparticle-based vaccines. <i>Therapeutic Delivery</i> , 2017 , 8, 151-167 | 3.8 | 40 |

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|----|---|------|-----|
| 87 | Bivalent mucosal peptide vaccines administered using the LCP carrier system stimulate protective immune responses against <i>Streptococcus pyogenes</i> infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 2463-2474 | 6 | 15 |
| 86 | Induction of high titred, non-neutralising antibodies by self-adjuvanting peptide epitopes derived from the respiratory syncytial virus fusion protein. <i>Scientific Reports</i> , 2017 , 7, 11130 | 4.9 | 18 |
| 85 | Liposomes as a Vaccine Delivery System 2017 , 221-239 | | 23 |
| 84 | Highly Immunogenic Trimethyl Chitosan-based Delivery System for Intranasal Lipopeptide Vaccines against Group A <i>Streptococcus</i> . <i>Current Drug Delivery</i> , 2017 , 14, 701-708 | 3.2 | 16 |
| 83 | Evaluation of Lipopeptides as Toll-like Receptor 2 Ligands. <i>Current Drug Delivery</i> , 2017 , 14, 935-943 | 3.2 | 6 |
| 82 | Poly-L-lysine-coated nanoparticles are ineffective in inducing mucosal immunity against group a streptococcus. <i>Biochemical Compounds</i> , 2017 , 5, 1 | | 4 |
| 81 | A semi-synthetic whole parasite vaccine designed to protect against blood stage malaria. <i>Acta Biomaterialia</i> , 2016 , 44, 295-303 | 10.8 | 20 |
| 80 | Lipid core peptide/poly(lactic-co-glycolic acid) as a highly potent intranasal vaccine delivery system against Group A streptococcus. <i>International Journal of Pharmaceutics</i> , 2016 , 513, 410-420 | 6.5 | 29 |
| 79 | Double adjuvanting strategy for peptide-based vaccines: trimethyl chitosan nanoparticles for lipopeptide delivery. <i>Nanomedicine</i> , 2016 , 11, 3223-3235 | 5.6 | 42 |
| 78 | Structure-activity relationship of lipid core peptide-based Group A <i>Streptococcus</i> vaccine candidates. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3095-101 | 3.4 | 21 |
| 77 | Peptide-based synthetic vaccines. <i>Chemical Science</i> , 2016 , 7, 842-854 | 9.4 | 305 |
| 76 | Double conjugation strategy to incorporate lipid adjuvants into multiantigenic vaccines. <i>Chemical Science</i> , 2016 , 7, 2308-2321 | 9.4 | 22 |
| 75 | Recent advances in the development of subunit-based RSV vaccines. <i>Expert Review of Vaccines</i> , 2016 , 15, 53-68 | 5.2 | 22 |
| 74 | Towards the Development of Synthetic Antibiotics: Designs Inspired by Natural Antimicrobial Peptides. <i>Current Medicinal Chemistry</i> , 2016 , 23, 4610-4624 | 4.3 | 13 |
| 73 | The Role of Size in Development of Mucosal Liposome-Lipopeptide Vaccine Candidates Against Group A <i>Streptococcus</i> . <i>Medicinal Chemistry</i> , 2016 , 13, 22-27 | 1.8 | 19 |
| 72 | Synthesis and immunological evaluation of peptide-based vaccine candidates against malaria. <i>Biochemical Compounds</i> , 2016 , 4, 1 | | 3 |
| 71 | Short cationic lipopeptides as effective antibacterial agents: Design, physicochemical properties and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 2235-41 | 3.4 | 23 |
| 70 | Multilayer engineered nanoliposomes as a novel tool for oral delivery of lipopeptide-based vaccines against group A <i>Streptococcus</i> . <i>Nanomedicine</i> , 2016 , 11, 1223-36 | 5.6 | 49 |

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| 69 | Liposome-based intranasal delivery of lipopeptide vaccine candidates against group A streptococcus. <i>Acta Biomaterialia</i> , 2016 , 41, 161-8 | 10.8 | 46 |
| 68 | The Use of Microwave-Assisted Solid-Phase Peptide Synthesis and Click Chemistry for the Synthesis of Vaccine Candidates Against Hookworm Infection. <i>Methods in Molecular Biology</i> , 2016 , 1403, 639-53 | 1.4 | 14 |
| 67 | Linear and branched polyacrylates as a delivery platform for peptide-based vaccines. <i>Therapeutic Delivery</i> , 2016 , 7, 601-9 | 3.8 | 18 |
| 66 | Multiantigenic peptide-polymer conjugates as therapeutic vaccines against cervical cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 4372-4380 | 3.4 | 31 |
| 65 | The use of a conformational cathepsin D-derived epitope for vaccine development against <i>Schistosoma mansoni</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 1307-12 | 3.4 | 23 |
| 64 | Combined synthetic and recombinant techniques for the development of lipoprotein-based, self-adjuvanting vaccines targeting human papillomavirus type-16 associated tumors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5570-5 | 2.9 | 5 |
| 63 | Self-assembling lipopeptides with a potent activity against Gram-positive bacteria, including multidrug resistant strains. <i>Nanomedicine</i> , 2015 , 10, 3359-71 | 5.6 | 9 |
| 62 | Polyacrylate-based delivery system for self-adjuvanting anticancer peptide vaccine. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 888-96 | 8.3 | 46 |
| 61 | Lipopeptide Nanoparticles: Development of Vaccines against Hookworm Parasite. <i>ChemMedChem</i> , 2015 , 10, 1647-54 | 3.7 | 23 |
| 60 | Self-adjuvanting therapeutic peptide-based vaccine induce CD8+ cytotoxic T lymphocyte responses in a murine human papillomavirus tumor model. <i>Current Drug Delivery</i> , 2015 , 12, 3-8 | 3.2 | 23 |
| 59 | Levofloxacin and indolicidin for combination antimicrobial therapy. <i>Current Drug Delivery</i> , 2015 , 12, 108-14 | 3.4 | 29 |
| 58 | A study on the encapsulation of an occludin lipophilic derivative in liposomal carriers. <i>Journal of Liposome Research</i> , 2015 , 25, 287-93 | 6.1 | 7 |
| 57 | Self-adjuvanting vaccine against group A streptococcus: application of fibrillized peptide and immunostimulatory lipid as adjuvant. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 6401-8 | 3.4 | 34 |
| 56 | Oral delivery of nanoparticle-based vaccines. <i>Expert Review of Vaccines</i> , 2014 , 13, 1361-76 | 5.2 | 89 |
| 55 | Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. <i>Nanomedicine</i> , 2014 , 9, 35-43 | 3.6 | 41 |
| 54 | Group A Streptococcal vaccine candidate: contribution of epitope to size, antigen presenting cell interaction and immunogenicity. <i>Nanomedicine</i> , 2014 , 9, 2613-24 | 5.6 | 35 |
| 53 | Recent progress in adjuvant discovery for peptide-based subunit vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2014 , 10, 778-96 | 4.4 | 141 |
| 52 | Recent advances in peptide-based subunit nanovaccines. <i>Nanomedicine</i> , 2014 , 9, 2657-69 | 5.6 | 129 |

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|----|--|-----|-----|
| 51 | Toll-like receptor agonists: a patent review (2011 - 2013). <i>Expert Opinion on Therapeutic Patents</i> , 2014 , 24, 453-70 | 6.8 | 50 |
| 50 | The immune system likes nanotechnology. <i>Nanomedicine</i> , 2014 , 9, 2607-9 | 5.6 | 10 |
| 49 | Lipid core peptide targeting the cathepsin D hemoglobinase of <i>Schistosoma mansoni</i> as a component of a schistosomiasis vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014 , 10, 399-409 | 4.4 | 20 |
| 48 | Liposomes as nanovaccine delivery systems. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 1194-208 | 3 | 67 |
| 47 | Self-adjuvanting polymer-peptide conjugates as therapeutic vaccine candidates against cervical cancer. <i>Biomacromolecules</i> , 2013 , 14, 2798-806 | 6.9 | 104 |
| 46 | Microwave-assisted synthesis of difficult sequence-containing peptides using the isopeptide method. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2370-6 | 3.9 | 18 |
| 45 | Lipo-Peptides/Saccharides for Peptide Vaccine Delivery 2013 , 571-579 | | 14 |
| 44 | Peptide conjugation via CuAAC 'click' chemistry. <i>Molecules</i> , 2013 , 18, 13148-74 | 4.8 | 75 |
| 43 | M-protein-derived conformational peptide epitope vaccine candidate against Group A Streptococcus. <i>Current Drug Delivery</i> , 2013 , 10, 39-45 | 3.2 | 18 |
| 42 | pH-triggered peptide self-assembly into fibrils: a potential peptide-based subunit vaccine delivery platform. <i>Biochemical Compounds</i> , 2013 , 1, 2 | | 7 |
| 41 | Liposome-based delivery system for vaccine candidates: constructing an effective formulation. <i>Nanomedicine</i> , 2012 , 7, 1877-93 | 5.6 | 75 |
| 40 | Vaccination with lipid core peptides fails to induce epitope-specific T cell responses but confers non-specific protective immunity in a malaria model. <i>PLoS ONE</i> , 2012 , 7, e40928 | 3.7 | 19 |
| 39 | Lipid Peptide Core Nanoparticles as Multivalent Vaccine Candidates against Streptococcus pyogenes. <i>Australian Journal of Chemistry</i> , 2012 , 65, 35 | 1.2 | 26 |
| 38 | Advances in peptide-based human papillomavirus therapeutic vaccines. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1581-92 | 3 | 43 |
| 37 | Peptide-based subunit vaccine against hookworm infection. <i>PLoS ONE</i> , 2012 , 7, e46870 | 3.7 | 34 |
| 36 | Lipopeptides for the Fragment-Based Pharmaceuticals Design. <i>International Journal of Organic Chemistry</i> , 2012 , 02, 75-81 | 0.3 | 2 |
| 35 | Group A Streptococcal Vaccine Candidates based on the Conserved Conformational Epitope from M Protein. <i>Drug Delivery Letters</i> , 2011 , 1, 2-8 | 0.8 | 3 |
| 34 | Peptide-based subunit nanovaccines. <i>Current Drug Delivery</i> , 2011 , 8, 282-9 | 3.2 | 93 |

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| 33 | Synthesis of glycolipopeptidic building blocks for carbohydrate receptor discovery. <i>Carbohydrate Research</i> , 2011 , 346, 1439-44 | 2.9 | 7 |
| 32 | Medicinal Chemistry of β -Hydroxy- β -Amino Acids 2011 , 189-245 | | 1 |
| 31 | Self-adjuvanting polyacrylic nanoparticulate delivery system for group A streptococcus (GAS) vaccine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 168-73 | 6 | 67 |
| 30 | Lipid-core-peptide system for self-adjuvanting synthetic vaccine delivery. <i>Methods in Molecular Biology</i> , 2011 , 751, 297-308 | 1.4 | 36 |
| 29 | Group A Streptococcal Vaccine Candidates based on the Conserved Conformational Epitope from M Protein. <i>Drug Delivery Letters</i> , 2011 , 1, 2-8 | 0.8 | 8 |
| 28 | Thymine, adenine and lipoamino acid based gene delivery systems. <i>Chemical Communications</i> , 2010 , 46, 3140-2 | 5.8 | 11 |
| 27 | Polyacrylate Dendrimer Nanoparticles: A Self-Adjuvanting Vaccine Delivery System. <i>Angewandte Chemie</i> , 2010 , 122, 5878-5881 | 3.6 | 25 |
| 26 | Polyacrylate dendrimer nanoparticles: a self-adjuvanting vaccine delivery system. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5742-5 | 16.4 | 135 |
| 25 | Pro-apoptotic activity of lipidic β -amino acids isolated from <i>Protopolythoa variabilis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 7997-8004 | 3.4 | 17 |
| 24 | Development of highly pure β -helical lipoglycopeptides as self-adjuvanting vaccines. <i>Tetrahedron</i> , 2009 , 65, 3459-3464 | 2.4 | 20 |
| 23 | Design and Synthesis of Lipopeptide - Carbohydrate Assembled Multivalent Vaccine Candidates Using Native Chemical Ligation. <i>Australian Journal of Chemistry</i> , 2009 , 62, 993 | 1.2 | 19 |
| 22 | Lipid Core Peptide System for Gene, Drug, and Vaccine Delivery. <i>Australian Journal of Chemistry</i> , 2009 , 62, 956 | 1.2 | 44 |
| 21 | Development of conformational mimetics of conserved <i>Streptococcus pyogenes</i> minimal epitope as vaccine candidates. <i>Current Drug Delivery</i> , 2009 , 6, 520-7 | 3.2 | 7 |
| 20 | Application of intramolecular migration reaction in peptide chemistry to chemical biology, chemical pharmaceuticals and medicinal chemistry. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 513-4 ^{3.6} | | 1 |
| 19 | Controlled production of amyloid beta peptide from a photo-triggered, water-soluble precursor "click peptide". <i>ChemBioChem</i> , 2008 , 9, 3055-65 | 3.8 | 37 |
| 18 | Development of novel water-soluble photocleavable protective group and its application for design of photoresponsive paclitaxel prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 5389-97 | 3.4 | 61 |
| 17 | Application of the O-N intramolecular acyl migration reaction in medicinal chemistry. <i>Current Medicinal Chemistry</i> , 2007 , 14, 2813-23 | 4.3 | 47 |
| 16 | "O-acyl isopeptide method" for peptide synthesis: synthesis of forty kinds of "O-acyl isodipeptide unit" Boc-Ser/Thr(Fmoc-Xaa)-OH. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1720-30 | 3.9 | 32 |

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| 15 | Paclitaxel prodrugs: toward smarter delivery of anticancer agents. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7253-69 | 8.3 | 142 |
| 14 | O-N intramolecular alkoxycarbonyl migration of typical protective groups in hydroxyamino acids. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2542-5 | 4.2 | 24 |
| 13 | 'Click peptide': a novel 'O-acyl isopeptide method' for peptide synthesis and chemical biology-oriented synthesis of amyloid beta peptide analogues. <i>Journal of Peptide Science</i> , 2006 , 12, 823-8 | 3.1 | 26 |
| 12 | Development of first photoresponsive prodrug of paclitaxel. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4492-6 | 2.9 | 50 |
| 11 | D-Acyl isopeptide method for the efficient synthesis of difficult sequence-containing peptides: use of D-acyl isodipeptide unit. <i>Tetrahedron Letters</i> , 2006 , 47, 3013-3017 | 2 | 56 |
| 10 | No auxiliary, no byproduct strategy for water-soluble prodrugs of taxoids: scope and limitation of O-N intramolecular acyl and acyloxy migration reactions. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2655-66 | 8.3 | 41 |
| 9 | O-N intramolecular acyl migration reaction in the development of prodrugs and the synthesis of difficult sequence-containing bioactive peptides. <i>Biopolymers</i> , 2004 , 76, 344-56 | 2.2 | 64 |
| 8 | O-N intramolecular acyl migration strategy in water-soluble prodrugs of taxoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 4441-4 | 2.9 | 30 |
| 7 | A novel approach of water-soluble paclitaxel prodrug with no auxiliary and no byproduct: design and synthesis of isotaxel. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3782-4 | 8.3 | 78 |
| 6 | Mercuric triflate catalyzed hydroxylative carbocyclization of 1,6-enynes. <i>Organic Letters</i> , 2003 , 5, 1609-11 | 6.2 | 60 |
| 5 | Mercuric Triflate-TMU Catalyzed Hydration of Terminal Alkyne to give Methyl Ketone under Mild Conditions. <i>Chemistry Letters</i> , 2002 , 31, 12-13 | 1.7 | 66 |
| 4 | Enantioselective hydrolysis of 1-butyryloxyalkylphosphonates by lipolytic microorganisms: <i>Pseudomonas fluorescens</i> and <i>Penicillium citrinum</i> . <i>Chirality</i> , 1999 , 11, 109-114 | 2.1 | 19 |
| 3 | Accurate assay of enantiopurity of 1-hydroxy- and 2-hydroxyalkylphosphonate esters. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 1277-1280 | | 55 |
| 2 | The Use of Lypolitic Microorganisms <i>Pseudomonas fluorescens</i> and <i>Penicillium citrinum</i> for the Preparation of Optically Active 1-Hydroxyalkylphosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 111, 86-86 | 1 | 3 |
| 1 | Alkylation of Potassium 1-(N-Benzyloxycarbonylamino)alkylphosphonates and Phosphinates in the Presence of 18-Crown-6. <i>Synthetic Communications</i> , 1995 , 25, 3565-3571 | 1.7 | 5 |