# RudolphÂ L Juliano

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 3,679 citations | 201674 27 h-index | 265206 42 g-index |
| 73 all docs | 73 docs citations | 73 times ranked | 4616 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The delivery of therapeutic oligonucleotides. Nucleic Acids Research, 2016, 44, 6518-6548. | 14.5 | 656 |
| 2 | Mechanisms and strategies for effective delivery of antisense and siRNA oligonucleotides. Nucleic Acids Research, 2008, 36, 4158-4171. | 14.5 | 402 |
| 3 | Biological Barriers to Therapy with Antisense and siRNA Oligonucleotides. Molecular Pharmaceutics, 2009, 6, 686-695. | 4.6 | 252 |
| 4 | Tat-Conjugated PAMAM Dendrimers as Delivery Agents for Antisense and siRNA Oligonucleotides. Pharmaceutical Research, 2005, 22, 2099-2106. | 3.5 | 203 |
| 5 | Integrins and GTPases in tumour cell growth, motility and invasion. Trends in Cell Biology, 1998, 8, 101-106. | 7.9 | 201 |
| 6 | Regulation of anchorage-dependent signal transduction by protein kinase A and p21-activated kinase. Nature Cell Biology, 2000, 2, 593-600. | 10.3 | 192 |
| 7 | Antisense inhibition of P-glycoprotein expression using peptideâ€“oligonucleotide conjugates. Biochemical Pharmacology, 2000, 60, 83-90. | 4.4 | 176 |
| 8 | Cellular Uptake and Intracellular Trafficking of Antisense and siRNA Oligonucleotides. Bioconjugate Chemistry, 2012, 23, 147-157. | 3.6 | 167 |
| 9 | Cooperation between soluble factors and integrin-mediated cell anchorage in the control of cell growth and differentiation. BioEssays, 1996, 18, 911-917. | 2.5 | 122 |
| 10 | Targeted Intracellular Delivery of Antisense Oligonucleotides via Conjugation with Small-Molecule Ligands. Journal of the American Chemical Society, 2010, 132, 8848-8849. | 13.7 | 111 |
| 11 | The Chemistry and Biology of Oligonucleotide Conjugates. Accounts of Chemical Research, 2012, 45, 1067-1076. | 15.6 | 107 |
| 12 | Intracellular delivery of an antisenseâ€‰oligonucleotide via endocytosis of a G protein-coupled receptor. Nucleic Acids Research, 2010, 38, 6567-6576. | 14.5 | 80 |
| 13 | Nanomedicine: is the wave cresting?. Nature Reviews Drug Discovery, 2013, 12, 171-172. | 46.4 | 79 |
| 14 | Inhibition of MDR1 expression with altritol-modified siRNAs. Nucleic Acids Research, 2007, 35, 1064-1074. | 14.5 | 73 |
| 15 | High-throughput screening identifies small molecules that enhance the pharmacological effects of oligonucleotides. Nucleic Acids Research, 2015, 43, 1987-1996. | 14.5 | 73 |
| 16 | Receptors, endocytosis, and trafficking: the biological basis of targeted delivery of antisense and siRNA oligonucleotides. Journal of Drug Targeting, 2013, 21, 27-43. | 4.4 | 69 |
| 17 | Cellâ€targeting and cellâ€penetrating peptides for delivery of therapeutic and imaging agents. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2009, 1, 324-335. | 6.1 | 66 |
| 18 | Multicellular Tumor Spheroids as a Model for Assessing Delivery of Oligonucleotides in Three Dimensions. Molecular Therapy - Nucleic Acids, 2014, 3, e153. | 5.1 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Biological Effect of an Antisense Oligonucleotide Depends on Its Route of Endocytosis and Trafficking. Oligonucleotides, 2010, 20, 103-109. | 2.7 | 59 |
| 20 | Evaluating the Specificity of Antisense Oligonucleotide Conjugates. Journal of Biological Chemistry, 2002, 277, 22980-22984. | 3.4 | 54 |
| 21 | Inhibition of MDR1 gene expression by chimeric HNA antisense oligonucleotides. Nucleic Acids Research, 2004, 32, 4411-4419. | 14.5 | 50 |
| 22 | Unconventional internalization mechanisms underlying functional delivery of antisense oligonucleotides via cationic lipoplexes and polyplexes. Journal of Controlled Release, 2011, 153, 83-92. | 9.9 | 49 |
| 23 | The small molecule Retro-1 enhances the pharmacological actions of antisense and splice switching oligonucleotides. Nucleic Acids Research, 2013, 41, 3673-3687. | 14.5 | 47 |
| 24 | Conditional Control of Alternative Splicing through Light-Triggered Splice-Switching Oligonucleotides. Journal of the American Chemical Society, 2015, 137, 3656-3662. | 13.7 | 43 |
| 25 | Cytosolic Delivery of Macromolecules in Live Human Cells Using the Combined Endosomal Escape Activities of a Small Molecule and Cell Penetrating Peptides. ACS Chemical Biology, 2019, 14, 2641-2651. | 3.4 | 38 |
| 26 | Structureâ€“activity relationships and cellular mechanism of action of small molecules that enhance the delivery of oligonucleotides. Nucleic Acids Research, 2018, 46, 1601-1613. | 14.5 | 29 |
| 27 | Peptide-oligonucleotide conjugates for the delivery of antisense and siRNA. Current Opinion in Molecular Therapeutics, 2005, 7, 132-6. | 2.8 | 28 |
| 28 | The role of carrier size in the pharmacodynamics of antisense and siRNA oligonucleotides. Journal of Drug Targeting, 2010, 18, 567-574. | 4.4 | 23 |
| 29 | Conjugation with Receptor-Targeted Histidine-Rich Peptides Enhances the Pharmacological Effectiveness of Antisense Oligonucleotides. Bioconjugate Chemistry, 2014, 25, 165-170. | 3.6 | 21 |
| 30 | Impact of the Endosomal Escape Activity of Cell-Penetrating Peptides on the Endocytic Pathway. ACS Chemical Biology, 2020, 15, 2355-2363. | 3.4 | 21 |
| 31 | A Novel Family of Small Molecules that Enhance the Intracellular Delivery and Pharmacological Effectiveness of Antisense and Splice Switching Oligonucleotides. ACS Chemical Biology, 2017, 12, 1999-2007. | 3.4 | 19 |
| 32 | Hepatic distribution and clearance of antisense oligonucleotides in the isolated perfused rat liver. Pharmaceutical Research, 1997, 14, 516-521. | 3.5 | 18 |
| 33 | Addressing cancer signal transduction pathways with antisense and siRNA oligonucleotides. NAR Cancer, 2020, 2, zcaa025. | 3.1 | 16 |
| 34 | A Molecular Umbrella Approach to the Intracellular Delivery of Small Interfering RNA. Bioconjugate Chemistry, 2011, 22, 2210-2216. | 3.6 | 14 |
| 35 | Chemical Manipulation of the Endosome Trafficking Machinery: Implications for Oligonucleotide Delivery. Biomedicines, 2021, 9, 512. | 3.2 | 14 |
| 36 | Enhanced delivery of peptide-morpholino oligonucleotides with a small molecule to correct splicing defects in the lung. Nucleic Acids Research, 2021, 49, 6100-6113. | 14.5 | 13 |

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|---|---|---|---|
| 37 | DNA Threeâ€Way Junctions Stabilized by Hydrophobic Interactions for Creation of Functional Nanostructures. ChemBioChem, 2015, 16, 1284-1287. | 2.6 | 9 |
| 38 | Bugging Tumors to Put Drugs on Target. New England Journal of Medicine, 2007, 356, 954-955. | 27.0 | 5 |
| 39 | SCAI blocks MAL-evolent effects on cancer cell invasion. Nature Cell Biology, 2009, 11, 540-542. | 10.3 | 5 |
| 40 | Perspective from the founding editors. Advanced Drug Delivery Reviews, 2013, 65, 3-4. | 13.7 | 3 |
| 41 | Retroâ€1 Analogues Differentially Affect Oligonucleotide Delivery and Toxin Trafficking. ChemMedChem, 2016, 11, 2506-2510. | 3.2 | 3 |
| 42 | Retro-1-Oligonucleotide Conjugates. Synthesis and Biological Evaluation. Molecules, 2019, 24, 579. | 3.8 | 3 |
| 43 | Biological Barriers to Nanocarrier-Mediated Delivery of Therapeutic and Imaging Agents. , 0, , 261-284. | | 1 |