

Liang Xue

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

650
citations

840776

11
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

508
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 5-Substituted 3, 4, 7-tetramethoxyflavonoids – A novel class of potent DNA triplex specific binding ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 61, 128608. | 2.2 | 1 |
| 2 | Use of neomycin as a structured amino-containing side chain motif for phenanthroline-based G-quadruplex ligands and telomerase inhibitors. <i>Chemical Biology and Drug Design</i> , 2020, 96, 1292-1304. | 3.2 | 6 |
| 3 | Surface Dependent Dual Recognition of a G-quadruplex DNA With Neomycin-Intercalator Conjugates. <i>Frontiers in Chemistry</i> , 2020, 8, 60. | 3.6 | 5 |
| 4 | Thiazole orange – Spermine conjugate: A potent human telomerase inhibitor comparable to BRACO-19. <i>European Journal of Medicinal Chemistry</i> , 2019, 175, 20-33. | 5.5 | 12 |
| 5 | Synthesis of nucleobase-neomycin conjugates and evaluation of their DNA binding, cytotoxicities, and antibacterial properties. <i>Medicinal Chemistry Research</i> , 2018, 27, 1517-1527. | 2.4 | 2 |
| 6 | Arylsulfanyl groups - Suitable side chains for 5-substituted 1,10-phenanthroline and nickel complexes as G4 ligands and telomerase inhibitors. <i>Journal of Inorganic Biochemistry</i> , 2017, 173, 12-20. | 3.5 | 11 |
| 7 | Dual recognition of the human telomeric G-quadruplex by a neomycin-antraquinone conjugate. <i>Chemical Communications</i> , 2013, 49, 5796. | 4.1 | 61 |
| 8 | 8-Oxo-7,8-dihydrodeoxyadenosine: The first example of a native DNA lesion that stabilizes human telomeric G-quadruplex DNA. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 671-677. | 2.1 | 14 |
| 9 | Synthesis of a ligand-quencher conjugate for the ligand binding study of the aryl hydrocarbon receptor using a FRET assay. <i>Medicinal Chemistry Research</i> , 2012, 21, 711-721. | 2.4 | 1 |
| 10 | Synthesis and Spectroscopic Studies of the Aminoglycoside (Neomycin)-Perylene Conjugate Binding to Human Telomeric DNA. <i>Biochemistry</i> , 2011, 50, 2838-2849. | 2.5 | 82 |
| 11 | Utilizing G-quadruplex formation to target 8-oxoguanine in telomeric sequences. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6357-6361. | 2.2 | 8 |
| 12 | Synthesis of nucleobase-calix[4]arenes via click chemistry and evaluation of their complexation with alkali metal ions and molecular assembly. <i>Supramolecular Chemistry</i> , 2011, 23, 806-818. | 1.2 | 10 |
| 13 | Regioselective Bromination of a Thymine-Acridine Conjugate by N-Bromosuccinimide. <i>Synthetic Communications</i> , 2010, 40, 1192-1201. | 2.1 | 1 |
| 14 | Probing the Recognition Surface of a DNA Triplex: Binding Studies with Intercalator-Neomycin Conjugates. <i>Biochemistry</i> , 2010, 49, 5540-5552. | 2.5 | 52 |
| 15 | Facile Quantification of Lesions Derived from 2-Deoxyguanosine in DNA. <i>Journal of the American Chemical Society</i> , 2007, 129, 7010-7011. | 13.7 | 43 |
| 16 | Use of Fluorescence Sensors To Determine that 2-Deoxyribonolactone Is the Major Alkali-Labile Deoxyribose Lesion Produced in Oxidatively Damaged DNA. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 561-564. | 13.8 | 35 |
| 17 | Combining the Best in Triplex Recognition: Synthesis and Nucleic Acid Binding of a BQ-Neomycin Conjugate. <i>Journal of the American Chemical Society</i> , 2003, 125, 8070-8071. | 13.7 | 70 |
| 18 | Aminoglycoside (Neomycin) Preference Is for A-Form Nucleic Acids, Not Just RNA: Results from a Competition Dialysis Study. <i>Journal of the American Chemical Society</i> , 2003, 125, 10148-10149. | 13.7 | 78 |

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|----|---|------|-----------|
| 19 | Neomycin Binding to Watson-Hoogsteen (W-H) DNA Triplex Groove: A Model. Journal of the American Chemical Society, 2003, 125, 3733-3744. | 13.7 | 100 |
| 20 | Pyrene-neomycin conjugate: dual recognition of a DNA triple helix Electronic supplementary information (ESI) available: NMR spectra, UV spectra, extinction coefficients, melting curves of pyrene-neomycin conjugate, details of modeling studies. See http://www.rsc.org/suppdata/cc/b1/b108171c/ . Chemical Communications, 2002, , 70-71. | 4.1 | 58 |