

Roger G Harrison

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,371
citations

516215

16
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

1800
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | New fusion protein systems designed to give soluble expression in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 1999, 65, 382-388. | 1.7 | 338 |
| 2 | Predicting the Solubility of Recombinant Proteins in <i>Escherichia coli</i> . <i>Nature Biotechnology</i> , 1991, 9, 443-448. | 9.4 | 205 |
| 3 | On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635. | 15.6 | 149 |
| 4 | Predicting the Solubility of Recombinant Proteins in <i>Escherichia coli</i> . <i>Methods in Molecular Biology</i> , 2015, 1258, 403-408. | 0.4 | 117 |
| 5 | Comparison of the effects of hydrophobicity, amphiphilicity, and α -helicity on the activities of antimicrobial peptides. <i>Proteins: Structure, Function and Bioinformatics</i> , 1995, 22, 182-186. | 1.5 | 86 |
| 6 | Prediction of protein solubility in <i>Escherichia coli</i> using logistic regression. <i>Biotechnology and Bioengineering</i> , 2010, 105, 374-383. | 1.7 | 76 |
| 7 | Targeting single-walled carbon nanotubes for the treatment of breast cancer using photothermal therapy. <i>Nanotechnology</i> , 2013, 24, 375104. | 1.3 | 55 |
| 8 | Recombinant production and purification of novel antisense antimicrobial peptide in <i>Escherichia coli</i> . , 1998, 57, 55-61. | | 53 |
| 9 | Phosphatidylserine targeted single-walled carbon nanotubes for photothermal ablation of bladder cancer. <i>Nanotechnology</i> , 2018, 29, 035101. | 1.3 | 38 |
| 10 | New fusion protein systems designed to give soluble expression in <i>Escherichia coli</i> . , 1999, 65, 382. | | 37 |
| 11 | Targeted Single-Walled Carbon Nanotubes for Photothermal Therapy Combined with Immune Checkpoint Inhibition for the Treatment of Metastatic Breast Cancer. <i>Nanoscale Research Letters</i> , 2021, 16, 9. | 3.1 | 35 |
| 12 | Purification by immobilized metal affinity chromatography of human atrial natriuretic peptide expressed in a novel thioredoxin fusion protein. <i>Biotechnology Progress</i> , 1995, 11, 265-269. | 1.3 | 23 |
| 13 | Annexin V-targeted enzyme prodrug therapy using cytosine deaminase in combination with 5-fluorocytosine. <i>Cancer Letters</i> , 2011, 307, 53-61. | 3.2 | 21 |
| 14 | Anti-CD73 and anti-OX40 immunotherapy coupled with a novel biocompatible enzyme prodrug system for the treatment of recurrent, metastatic ovarian cancer. <i>Cancer Letters</i> , 2018, 425, 174-182. | 3.2 | 21 |
| 15 | Enzyme prodrug therapy designed to target l-methioninase to the tumor vasculature. <i>Cancer Letters</i> , 2011, 301, 177-184. | 3.2 | 20 |
| 16 | Antitumor Activity of an Enzyme Prodrug Therapy Targeted to the Breast Tumor Vasculature. <i>Cancer Investigation</i> , 2013, 31, 505-510. | 0.6 | 17 |
| 17 | Targeted enzyme prodrug therapy for metastatic prostate cancer – a comparative study of L-methioninase, purine nucleoside phosphorylase, and cytosine deaminase. <i>Journal of Biomedical Science</i> , 2014, 21, 65. | 2.6 | 17 |
| 18 | Purine Nucleoside Phosphorylase Targeted by Annexin V to Breast Cancer Vasculature for Enzyme Prodrug Therapy. <i>PLoS ONE</i> , 2013, 8, e76403. | 1.1 | 16 |

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|----|---|-----|-----------|
| 19 | Annexin-directed β -glucuronidase for the targeted treatment of solid tumors. <i>Protein Engineering, Design and Selection</i> , 2017, 30, 85-94. | 1.0 | 9 |
| 20 | Antitumor Synergism and Enhanced Survival with a Tumor Vasculature-Targeted Enzyme Prodrug System, Rapamycin, and Cyclophosphamide. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1855-1865. | 1.9 | 8 |
| 21 | Targeting a methioninase-containing fusion protein to breast cancer urokinase receptors inhibits growth and migration. <i>Anticancer Research</i> , 2006, 26, 1745-51. | 0.5 | 7 |
| 22 | Rapid Screening of Fusion Protein Recombinants by Measuring Effects of Protein Overexpression on Cell Growth. <i>BioTechniques</i> , 1998, 24, 360-362. | 0.8 | 4 |
| 23 | Annexin V-Directed Enzyme Prodrug Therapy Plus Docetaxel for the Targeted Treatment of Pancreatic Cancer. <i>Pancreas</i> , 2015, 44, 945-952. | 0.5 | 4 |
| 24 | Purification of anL-asparaginase-atrial natriuretic peptide fusion protein expressed in <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 1995, 47, 483-491. | 1.7 | 3 |
| 25 | Enhanced computed tomography imaging of breast cancer via phosphatidylserine targeted gold nanoparticles. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 065019. | 0.6 | 3 |
| 26 | Anionic phospholipid expression as a molecular target in <i>Listeria monocytogenes</i> and <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106183. | 1.1 | 1 |