

Clarence Geyer

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

920
citations

471509

17
h-index

477307

29
g-index

46
all docs

46
docs citations

46
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleobase Pairing in Expanded Watson-Crick-like Genetic Information Systems. <i>Structure</i> , 2003, 11, 1485-1498.	3.3	146
2	RecA Inhibitors Potentiate Antibiotic Activity and Block Evolution of Antibiotic Resistance. <i>Cell Chemical Biology</i> , 2016, 23, 381-391.	5.2	106
3	Recombinant Antibodies and In Vitro Selection Technologies. <i>Methods in Molecular Biology</i> , 2012, 901, 11-32.	0.9	59
4	Biological properties of modified bioactive glass on dental pulp cells. <i>Journal of Dentistry</i> , 2019, 83, 18-26.	4.1	44
5	Next-generation sequencing-guided identification and reconstruction of antibody CDR combinations from phage selection outputs. <i>Nucleic Acids Research</i> , 2019, 47, e50-e50.	14.5	35
6	Post-translational Assembly of Protein Parts into Complex Devices by Using SpyTag/SpyCatcher Protein Ligase. <i>ChemBioChem</i> , 2019, 20, 319-328.	2.6	32
7	⁸⁹ Zr-nimotuzumab for immunoPET imaging of epidermal growth factor receptor I. <i>Oncotarget</i> , 2018, 9, 17117-17132.	1.8	31
8	EPHB6 augments both development and drug sensitivity of triple-negative breast cancer tumours. <i>Oncogene</i> , 2018, 37, 4073-4093.	5.9	30
9	Site-Specific Fluorescent Labeling of Antibodies and Diabodies Using SpyTag/SpyCatcher System for In Vivo Optical Imaging. <i>Molecular Imaging and Biology</i> , 2019, 21, 54-66.	2.6	28
10	Modular Chimeric Antigen Receptor Systems for Universal CAR T Cell Retargeting. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7222.	4.1	28
11	Synthetic Modular Antibody Construction by Using the SpyTag/SpyCatcher Protein-Ligase System. <i>ChemBioChem</i> , 2017, 18, 2217-2221.	2.6	25
12	Evaluation of antibody fragment properties for near-infrared fluorescence imaging of HER3-positive cancer xenografts. <i>Theranostics</i> , 2018, 8, 4856-4869.	10.0	24
13	¹¹¹ In- and ²²⁵ Ac-Labeled Cixutumumab for Imaging and α -Particle Radiotherapy of IGF-1R Positive Triple-Negative Breast Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 4807-4816.	4.6	23
14	Preclinical Evaluation of ¹¹¹ In-Labeled PEGylated Maytansine Nimotuzumab Drug Conjugates in EGFR-Positive Cancer Models. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1103-1110.	5.0	22
15	Saliva and Gingival Crevicular Fluid (GCF) Collection for Biomarker Screening. <i>Methods in Molecular Biology</i> , 2019, 1922, 549-562.	0.9	22
16	Near infrared fluorescence imaging of EGFR expression <i>in vivo</i> using IRDye800CW-nimotuzumab. <i>Oncotarget</i> , 2018, 9, 6213-6227.	1.8	21
17	Dental Pulp Stem Cells: Isolation, Characterization, Expansion, and Odontoblast Differentiation for Tissue Engineering. <i>Methods in Molecular Biology</i> , 2019, 1922, 91-101.	0.9	19
18	A Novel Cell-Penetrating Antibody Fragment Inhibits the DNA Repair Protein RAD51. <i>Scientific Reports</i> , 2019, 9, 11227.	3.3	18

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19	A novel synthetic trivalent single chain variable fragment (tri-scFv) construction platform based on the SpyTag/SpyCatcher protein ligase system. <i>BMC Biotechnology</i> , 2018, 18, 55.	3.3	17
20	A Genetic Screen for Isolating α -Lariat Peptide Inhibitors of Protein Function. <i>Chemistry and Biology</i> , 2009, 16, 1148-1157.	6.0	16
21	Structure-Directed and Tailored Diversity Synthetic Antibody Libraries Yield Novel Anti-EGFR Antagonists. <i>ACS Chemical Biology</i> , 2017, 12, 1381-1389.	3.4	16
22	BCR-ABL Activates IGF-1 Expression and Signaling in Chronic Myelogenous Leukemia Blast Crisis Cell Lines. <i>Blood</i> , 2006, 108, 1932-1932.	1.4	16
23	Emerging biotechnologies for evaluating disruption of stress, sleep, and circadian rhythm mechanism using aptamer-based detection of salivary biomarkers. <i>Biotechnology Advances</i> , 2022, 59, 107961.	11.7	16
24	A Single-Framework Synthetic Antibody Library Containing a Combination of Canonical and Variable Complementarity-Determining Regions. <i>ChemBioChem</i> , 2017, 18, 2247-2259.	2.6	15
25	Therapeutic potential of nimotuzumab PEGylated-maytansine antibody drug conjugates against EGFR positive xenograft. <i>Oncotarget</i> , 2019, 10, 1031-1044.	1.8	14
26	Strategies to re-express epigenetically silenced p15 ^{INK4b} and p21 ^{WAF1} genes in acute myeloid leukemia. <i>Epigenetics</i> , 2010, 5, 696-703.	2.7	12
27	Synthetic antigen-binding fragments (Fabs) against <i>S. mutans</i> and <i>S. sobrinus</i> inhibit caries formation. <i>Scientific Reports</i> , 2018, 8, 10173.	3.3	12
28	^{99m} Tc(CO) ₃ ⁺ labeled domain I/II-specific anti-EGFR (scFv) ₂ antibody fragment for imaging EGFR expression. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 437-446.	5.5	11
29	Near infrared imaging of epidermal growth factor receptor positive xenografts in mice with domain I/II specific antibody fragments. <i>Theranostics</i> , 2019, 9, 974-985.	10.0	9
30	Pre-clinical study of IRDye800CW-nimotuzumab formulation, stability, pharmacokinetics, and safety. <i>BMC Cancer</i> , 2021, 21, 270.	2.6	9
31	Cloning, Expression, Purification and Crystallization of the PR Domain of Human Retinoblastoma Protein-Binding Zinc Finger Protein 1 (RIZ1). <i>International Journal of Molecular Sciences</i> , 2008, 9, 943-950.	4.1	8
32	Nimotuzumab Site-Specifically Labeled with ⁸⁹ Zr and ²²⁵ Ac Using SpyTag/SpyCatcher for PET Imaging and Alpha Particle Radioimmunotherapy of Epidermal Growth Factor Receptor Positive Cancers. <i>Cancers</i> , 2020, 12, 3449.	3.7	8
33	Development and preclinical evaluation of cixutumumab drug conjugates in a model of insulin growth factor receptor I (IGF-1R) positive cancer. <i>Scientific Reports</i> , 2020, 10, 18549.	3.3	7
34	⁸⁹ Zr-Labeled Domain II-Specific scFv-Fc ImmunoPET Probe for Imaging Epidermal Growth Factor Receptor In Vivo. <i>Cancers</i> , 2021, 13, 560.	3.7	5
35	Enhancing the throughput and multiplexing capabilities of next generation sequencing for efficient implementation of pooled shRNA and CRISPR screens. <i>Scientific Reports</i> , 2017, 7, 1040.	3.3	4
36	Rapid Copper-free Click Conjugation to Lipid-Shelled Microbubbles for Ultrasound Molecular Imaging of Murine Bowel Inflammation. <i>Bioconjugate Chemistry</i> , 2022, 33, 848-857.	3.6	3

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37	In Vitro Caries Models for the Assessment of Novel Restorative Materials. <i>Methods in Molecular Biology</i> , 2019, 1922, 369-377.	0.9	2
38	In Vivo Rodent Models for Studying Dental Caries and Pulp Disease. <i>Methods in Molecular Biology</i> , 2019, 1922, 393-403.	0.9	2
39	Aptamer-Functionalized Microbubbles Targeted to P-selectin for Ultrasound Molecular Imaging of Murine Bowel Inflammation. <i>Molecular Imaging and Biology</i> , 0, , .	2.6	2
40	RIZ1 Is Downregulated during CML Progression and Displays Tumor Suppressor Properties in CML Cell Lines.. <i>Blood</i> , 2006, 108, 2134-2134.	1.4	1
41	Imaging Immune Cells Using Fc Domain Probes in Mouse Cancer Xenograft Models. <i>Cancers</i> , 2022, 14, 300.	3.7	1
42	Next Generation Sequencing of Antibody CDR Combinations from Outputs. <i>Methods in Molecular Biology</i> , 2022, 2313, 127-141.	0.9	0
43	BCR-ABL Induces Autocrine IGF-1 Signaling.. <i>Blood</i> , 2007, 110, 4545-4545.	1.4	0
44	Decreased Expression of the Histone Methyltransferase SUV39H1 in AML Cells Reactivates Hypermethylated Tumor Suppressor p15INK4B in the Absence of Promoter Demethylation.. <i>Blood</i> , 2007, 110, 4150-4150.	1.4	0