

# Teruyuki Nagamune

## List of Publications by Year in descending order

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327  
papers

7,440  
citations

61857

43  
h-index

91712

69  
g-index

339  
all docs

339  
docs citations

339  
times ranked

7187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-Degradable Protein-Polymer Hybrid Shells for Caging Living Cells. Chemistry - A European Journal, 2022, 28, .	1.7	1
2	Photoactivatable Materials for Versatile Single-Cell Patterning Based on the Photocaging of Cell-Anchoring Moieties through Lipid Self-Assembly. Journal of the American Chemical Society, 2022, 144, 13154-13162.	6.6	7
3	Photodegradable avidin-biotinylated polymer conjugate hydrogels for cell manipulation. Biomaterials Science, 2021, 9, 6416-6424.	2.6	5
4	Immunogenic Cell Death Induced by Selective Intracellular Vaporization in vitro. IFMBE Proceedings, 2021, , 278-283.	0.2	0
5	A Novel Cell-Based Intracellular Protein-Protein Interaction Detection Platform (SOLIS) for Multimodality Screening. ACS Synthetic Biology, 2021, 10, 990-999.	1.9	7
6	Reprogramming signal transduction through a designer receptor tyrosine kinase. Communications Biology, 2021, 4, 752.	2.0	6
7	Sterically Bulky Caging of Transferrin for Photoactivatable Intracellular Delivery. Bioconjugate Chemistry, 2021, 32, 1535-1540.	1.8	4
8	Chimeric G-CSF Receptor-Mediated STAT3 Activation Contributes to Efficient Induction of Cardiomyocytes from Mouse Induced Pluripotent Stem Cells. Biotechnology Journal, 2020, 15, e1900052.	1.8	11
9	Photo-Cleavable Peptide-Poly(Ethylene Glycol) Conjugate Surfaces for Light-Guided Control of Cell Adhesion. Micromachines, 2020, 11, 762.	1.4	8
10	Cover Image, Volume 2, Issue 4. Cancer Reports, 2019, 2, e1214.	0.6	0
11	Selective intracellular delivery of perfluorocarbon nanodroplets for cytotoxicity threshold reduction on ultrasound-induced vaporization. Cancer Reports, 2019, 2, e1165.	0.6	7
12	An epitope-directed antibody affinity maturation system utilizing mammalian cell survival as readout. Biotechnology and Bioengineering, 2019, 116, 1742-1751.	1.7	6
13	Photo-responsive materials with strong cell trapping ability for light-guided manipulation of nonadherent cells. Biomaterials Science, 2019, 7, 4514-4518.	2.6	4
14	A Suicide Switch Directly Eliminates Intracellular scFv Oligomers in the Cytoplasm of Mammalian Cells. Biotechnology Journal, 2019, 14, e1800350.	1.8	5
15	A Stable Artificial Multienzymatic Complex Using a Heterotrimeric Protein From <i>Metallosphaera sedula</i> . Biotechnology Journal, 2018, 13, e1700662.	1.8	2
16	Real-time monitoring of pH-dependent intracellular trafficking of ovarian cancer G protein-coupled receptor 1 in living leukocytes. Journal of Bioscience and Bioengineering, 2018, 126, 363-370.	1.1	13
17	Dissection of Signaling Events Downstream of the c-Mpl Receptor in Murine Hematopoietic Stem Cells Via Motif-Engineered Chimeric Receptors. Stem Cell Reviews and Reports, 2018, 14, 101-109.	5.6	5
18	Artificial Self-Sufficient Cytochrome P450 Containing Multiple Auxiliary Proteins Demonstrates Improved Monooxygenase Activity. Biotechnology Journal, 2018, 13, 1800088.	1.8	5

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19	Stepwise phosphorylation of leukotriene B <sub>4</sub> receptor 1 defines cellular responses to leukotriene B <sub>4</sub> . <i>Science Signaling</i> , 2018, 11, .	1.6	15
20	Designing Motif-Engineered Receptors To Elucidate Signaling Molecules Important for Proliferation of Hematopoietic Stem Cells. <i>ACS Synthetic Biology</i> , 2018, 7, 1709-1714.	1.9	9
21	Protein refolding is improved by adding nonionic polyethylene glycol monooleyl ethers with various polyethylene glycol lengths. <i>Biotechnology Journal</i> , 2017, 12, 1600689.	1.8	5
22	A Chemically Inducible Helper Module for Detecting Protein-Protein Interactions with Tunable Sensitivity Based on KIPPIS. <i>Analytical Chemistry</i> , 2017, 89, 4824-4830.	3.2	6
23	Quantitative image cytometry for analyzing intracellular trafficking of G protein-coupled receptors on a chemical-trapping single cell array. <i>Lab on A Chip</i> , 2017, 17, 1933-1938.	3.1	16
24	Selective intracellular vaporisation of antibody-conjugated phase-change nano-droplets in vitro. <i>Scientific Reports</i> , 2017, 7, 44077.	1.6	25
25	Engineering a growth sensor to select intracellular antibodies in the cytosol of mammalian cells. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 125-132.	1.1	4
26	Cell Surface Expression Levels Are Important for Fine-Tuning the Performance of Receptor Tyrosine Kinase-Based Signalobodies. <i>Biotechnology Journal</i> , 2017, 12, 1700441.	1.8	9
27	Microfluidic preparation of anchored cell membrane sheets for in vitro analyses and manipulation of the cytoplasmic face. <i>Scientific Reports</i> , 2017, 7, 14962.	1.6	4
28	Biomolecular engineering for nanobio/bionanotechnology. <i>Nano Convergence</i> , 2017, 4, 9.	6.3	86
29	Notice of Removal: Antibody-conjugated phase-change nano-droplet for ultrasound therapeutic agent. , 2017, , .		0
30	Enzyme Logic Gate with Summation Function Based on Putidaredoxin Reductase/Cytochrome c Enzyme Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5189-5192.	0.9	3
31	Correlation between Activity and Molecular Structure around the Active Center of Cytochrome P450cam Conjugates. <i>Journal of Chemical Engineering of Japan</i> , 2016, 49, 475-480.	0.3	0
32	Peptide Tag-Induced Horseradish Peroxidase-Mediated Preparation of a Streptavidin-Immobilized Redox-Sensitive Hydrogel. <i>Biomacromolecules</i> , 2016, 17, 1978-1984.	2.6	11
33	Tyrosine Coupling Creates a Hyperbranched Multivalent Protein Polymer Using Horseradish Peroxidase via Bipolar Conjugation Points. <i>Bioconjugate Chemistry</i> , 2016, 27, 1348-1359.	1.8	17
34	Immobilization of bacterial cytochrome P450 and cofactor regeneration system on magnetic beads via DNA clamp. <i>New Biotechnology</i> , 2016, 33, S99.	2.4	0
35	Cell-Based Odorant Sensor Array for Odor Discrimination Based on Insect Odorant Receptors. <i>Journal of Chemical Ecology</i> , 2016, 42, 716-724.	0.9	54
36	Three proliferating cell nuclear antigen homologues from <i>Metallosphaera sedula</i> form a head-to-tail heterotrimer. <i>Scientific Reports</i> , 2016, 6, 26588.	1.6	3

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37	Immobilization of a Bacterial Cytochrome P450 Monooxygenase System on a Solid Support. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15002-15006.	7.2	22
38	Immobilization of a Bacterial Cytochrome P450 Monooxygenase System on a Solid Support. <i>Angewandte Chemie</i> , 2016, 128, 15226-15230.	1.6	5
39	Growth signalobody selects functional intrabodies in the mammalian cytoplasm. <i>Biotechnology Journal</i> , 2016, 11, 565-573.	1.8	8
40	Photolytic Protein Aggregates: Versatile Materials for Controlled Release of Active Proteins. <i>Advanced Healthcare Materials</i> , 2016, 5, 1002-1007.	3.9	6
41	The lifetime evaluation of vapourised phase-change nano-droplets. <i>Ultrasonics</i> , 2016, 69, 97-105.	2.1	36
42	Ligand-induced dimeric antibody for selecting antibodies against a membrane protein based on mammalian cell proliferation. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1113-1123.	1.7	5
43	Differentiation signalobody: Demonstration of antigen-dependent osteoclast differentiation from a progenitor cell line. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 357-363.	1.1	5
44	Sortase A-mediated synthesis of ligand-grafted cyclized peptides for modulating a model protein-protein interaction. <i>Biotechnology Journal</i> , 2015, 10, 1499-1505.	1.8	18
45	Antibody opsonization of tumor cell membranes using hapten-PEG-lipid conjugates. <i>Journal of Biomedical Engineering and Informatics</i> , 2015, 2, 1.	0.2	0
46	Supramolecular protein assembly supports immobilization of a cytochrome P450 monooxygenase system as water-insoluble gel. <i>Scientific Reports</i> , 2015, 5, 8648.	1.6	26
47	Domain structure of growth signalobodies critically affects the outcome of antibody library selection. <i>Journal of Biochemistry</i> , 2015, 157, 497-506.	0.9	3
48	Ca <sup>2+</sup> -independent sortase A exhibits high selective protein ligation activity in the cytoplasm of <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2015, 10, 1487-1492.	1.8	67
49	Photosensitizer and polycationic peptide-labeled streptavidin as a nano-carrier for light-controlled protein transduction. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 630-636.	1.1	14
50	Selection of cDNA candidates that induce oligomerization of NLRP3 using a chimeric receptor approach. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 223-230.	1.1	0
51	Imidazolium-based polymer hydrogels with microdomains as carriers of hydrophobic molecules. <i>Polymer Journal</i> , 2014, 46, 880-886.	1.3	2
52	Sâ€Fms signalobody enhances myeloid cell growth and migration. <i>Biotechnology Journal</i> , 2014, 9, 954-961.	1.8	8
53	Antigen-responsive regulation of Cell motility and migration via the signalobodies based on câ€Fms and câ€Mpl. <i>Biotechnology Progress</i> , 2014, 30, 411-417.	1.3	7
54	Collagen Surfaces Modified with Photo-Cleavable Polyethylene Glycol-Lipid Support Versatile Single-Cell Arrays of Both Non-adherent and Adherent Cells. <i>Macromolecular Bioscience</i> , 2014, 14, 1670-1676.	2.1	17

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55	Quantitative control of intracellular signaling activity through chimeric receptors incorporating multiple identical tyrosine motifs. <i>Biotechnology and Bioengineering</i> , 2014, 111, 948-955.	1.7	4
56	Dynamic PhotoChemical Lipid Micropatterning for Manipulation of Nonadherent Mammalian Cells. <i>Methods in Cell Biology</i> , 2014, 120, 131-144.	0.5	1
57	A novel platform for antibody library selection in mammalian cells based on a growth signalobody. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1170-1179.	1.7	7
58	Advances in Biotechnology in Asia and Future Collaboration with EFB. <i>New Biotechnology</i> , 2014, 31, S48.	2.4	0
59	Split focal adhesion kinase for probing protein-protein interactions. <i>Biochemical Engineering Journal</i> , 2014, 90, 272-278.	1.8	3
60	Modeling tandem AAG8-MEK inhibition in melanoma cells. <i>Cancer Medicine</i> , 2014, 3, 710-718.	1.3	3
61	Visualization of the pH-dependent dynamic distribution of G2A in living cells. <i>FASEB Journal</i> , 2014, 28, 3965-3974.	0.2	11
62	AAG8 promotes carcinogenesis by activating STAT3. <i>Cellular Signalling</i> , 2014, 26, 1863-1869.	1.7	8
63	Electron donation to an archaeal cytochrome P450 is enhanced by PCNA-mediated selective complex formation with foreign redox proteins. <i>Biotechnology Journal</i> , 2014, 9, 1573-1581.	1.8	16
64	Fusion protein bilayer fabrication composed of recombinant azurin/cytochrome P450 by the sortase-mediated ligation method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 120, 215-221.	2.5	3
65	Detecting protein-protein interactions based on kinase-mediated growth induction of mammalian cells. <i>Scientific Reports</i> , 2014, 4, 6127.	1.6	22
66	Molecular recognition moiety and its target biomolecule interact in switching enzyme activity. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 639-644.	1.1	3
67	Construction of unnatural heterodimeric receptors based on IL-2 and IL-6 receptor subunits. <i>Biotechnology Progress</i> , 2013, 29, 1512-1518.	1.3	5
68	Amino Acid Residues of G-Protein-Coupled Receptors Critical for Endoplasmic Reticulum Export and Trafficking. <i>Methods in Enzymology</i> , 2013, 521, 203-216.	0.4	3
69	Sterically bulky caging for light-inducible protein activation. <i>Chemical Communications</i> , 2013, 49, 3013.	2.2	21
70	Analysis of cellular phenotype during in vitro immunization of murine splenocytes for generating antigen-specific immunoglobulin. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 339-345.	1.1	3
71	Intracellular protein cyclization catalyzed by exogenously transduced <i>Streptococcus pyogenes</i> sortase A. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 298-301.	1.1	10
72	Effect of length of molecular recognition moiety on enzymatic activity switching. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 433-437.	1.1	3

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73	Top-down motif engineering of a cytokine receptor for directing ex vivo expansion of hematopoietic stem cells. <i>Journal of Biotechnology</i> , 2013, 168, 659-665.	1.9	3
74	Introduction of selective intersubunit disulfide bonds into self-assembly protein scaffold to enhance an artificial multienzyme complex's activity. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1858-1864.	1.7	21
75	Use of <i>Sulfolobus solfataricus</i> PCNA Subunit Proteins to Direct the Assembly of Multimeric Enzyme Complexes. <i>Methods in Molecular Biology</i> , 2013, 978, 149-163.	0.4	3
76	Construction of antibody/insulin receptor chimera for growth induction of mammalian cells. <i>Cytotechnology</i> , 2013, 65, 945-953.	0.7	10
77	Protein refolding using chemical refolding additives. <i>Biotechnology Journal</i> , 2013, 8, 17-31.	1.8	121
78	Death Signalobody: Inducing Conditional Cell Death in Response to a Specific Antigen. <i>Human Gene Therapy Methods</i> , 2013, 24, 141-150.	2.1	13
79	Phosphite-Driven Self-sufficient Cytochrome P450. <i>ChemCatChem</i> , 2013, 5, 3835-3840.	1.8	11
80	Protein cell-surface display through in situ enzymatic modification of proteins with a poly(Ethylene Terephthalate) (PET) /Overlock 10 Tff	1.7	30
81	Cell fate conversion by conditionally switching the signal-transducing domain of signalobodies. <i>Biotechnology and Bioengineering</i> , 2013, 110, 3219-3226.	1.7	3
82	Transfer printing of transfected cell microarrays from poly(ethylene glycol)-coyl surfaces onto biological hydrogels. <i>Biotechnology and Bioengineering</i> , 2013, 110, 3269-3274.	1.7	5
83	Reconstitution of a cytokine receptor scaffold utilizing multiple different tyrosine motifs. <i>Biotechnology and Bioengineering</i> , 2013, 110, 3197-3204.	1.7	12
84	Title is missing!. <i>Kagaku To Seibutsu</i> , 2013, 51, 521-523.	0.0	0
85	Fine Tuning of Spatial Arrangement of Enzymes in a PCNA-Mediated Multienzyme Complex Using a Rigid Poly-L-Proline Linker. <i>PLoS ONE</i> , 2013, 8, e75114.	1.1	33
86	Poly(ethylene glycol)-Lipid-Conjugated Antibodies Enhance Dendritic Cell Phagocytosis of Apoptotic Cancer Cells. <i>Pharmaceuticals</i> , 2012, 5, 405-416.	1.7	12
87	Engineering of mammalian cell membrane proteins. <i>Current Opinion in Chemical Engineering</i> , 2012, 1, 411-417.	3.8	22
88	Artificial Protein Complexes for Biocatalysis. <i>Topics in Catalysis</i> , 2012, 55, 1124-1137.	1.3	16
89	Activation of target signal transducers utilizing chimeric receptors with signaling-molecule binding motifs. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1528-1537.	1.7	15
90	Design of Ca <sup>2+</sup> -independent <i>Staphylococcus aureus</i> sortase A mutants. <i>Biotechnology and Bioengineering</i> , 2012, 109, 2955-2961.	1.7	71

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91	Growth control of genetically modified cells using an antibody/c-Kit chimera. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 641-646.	1.1	20
92	Cell transfer printing from patterned poly(ethylene glycol)â€œleyl surfaces to biological hydrogels for rapid and efficient cell micropatterning. <i>Biotechnology and Bioengineering</i> , 2012, 109, 244-251.	1.7	9
93	Photocontrollable Dynamic Micropatterning of Nonâ€œadherent Mammalian Cells Using a Photocleavable Poly(ethylene glycol) Lipid. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 128-131.	7.2	63
94	Enhancement of sortase A-mediated protein ligation by inducing a Î²-hairpin structure around the ligation site. <i>Chemical Communications</i> , 2011, 47, 4742.	2.2	55
95	Nanoscale-Engineered Cytochrome P450 System with a Branch Structure. <i>Methods in Molecular Biology</i> , 2011, 743, 1-16.	0.4	3
96	Growth promotion of genetically modified hematopoietic progenitors using an antibody/c-Mpl chimera. <i>Cytokine</i> , 2011, 55, 402-408.	1.4	24
97	Immunopanning selection of A2B5-positive cells increased the differentiation efficiency of induced pluripotent stem cells into oligodendrocytes. <i>Neuroscience Letters</i> , 2011, 489, 79-83.	1.0	26
98	Avidinâ€œbiotin-based approach to forming heterotypic cell clusters and cell sheets on a gas-permeable membrane. <i>Biofabrication</i> , 2011, 3, 034111.	3.7	4
99	Synergistic effects of detergents and organic solvents on protein refolding: Control of aggregation and folding rates. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 10-15.	1.1	12
100	Recombinant hBMP4 incorporated with non-canonical amino acid for binding to hydroxyapatite. <i>Biotechnology Letters</i> , 2011, 33, 1885-1890.	1.1	18
101	Protein Refolding by N-Alkylpyridinium and N-Alkyl-N-methylpyrrolidinium Ionic Liquids. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 957-967.	1.4	57
102	Induction of oligodendrocyte differentiation from adult human fibroblast-derived induced pluripotent stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 464-469.	0.7	47
103	Label-free adhesion-based cell sorter using optimized oblique grooves for early cancer detection. , 2011, , .		1
104	Immobilized Culture and Transfection Microarray of Non-adherent Cells. <i>Methods in Molecular Biology</i> , 2011, 706, 151-157.	0.4	1
105	Editorial: Asia Pacific Biochemical engineering. <i>Biotechnology Journal</i> , 2010, 5, 436-437.	1.8	3
106	Artificial chaperone-assisted refolding in a microchannel. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 171-177.	1.7	10
107	Fabrication of protein microarrays using the electrospray deposition (ESD) method: Application of microfluidic chips in immunoassay. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 145-151.	1.4	8
108	Development of a homogeneous competitive immunoassay for phosphorylated protein antigen based on the enhanced fluorescence resonance energy transfer technology. <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 15-19.	1.1	7

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109	Comparison of efficiency of terminal differentiation of oligodendrocytes from induced pluripotent stem cells versus embryonic stem cells in vitro. <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 622-628.	1.1	40
110	Molecular Assembly of P450 with Ferredoxin and Ferredoxin Reductase by Fusion to PCNA. <i>ChemBioChem</i> , 2010, 11, 1517-1520.	1.3	74
111	Development of Small Molecular Artificial Chaperone for Protein Refolding and Artificial Chaperone-Assisted Proteomics Technology. <i>Journal of Biotechnology</i> , 2010, 150, 401-402.	1.9	1
112	Engineering cytokine receptors to control cellular functions. <i>Biochemical Engineering Journal</i> , 2010, 48, 283-294.	1.8	22
113	Artificial Self-Sufficient P450 in Reversed Micelles. <i>Molecules</i> , 2010, 15, 2935-2948.	1.7	5
114	Nanoarchitecture of cytochrome P450 system using a ring-shaped protein complex. , 2010, , .		0
115	Amino Acid Residues Critical for Endoplasmic Reticulum Export and Trafficking of Platelet-activating Factor Receptor. <i>Journal of Biological Chemistry</i> , 2010, 285, 5931-5940.	1.6	27
116	Light-activated gene expression from site-specific caged DNA with a biotinylated photolabile protection group. <i>Chemical Communications</i> , 2010, 46, 2244.	2.2	41
117	Icariin: A Potential Osteoinductive Compound for Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 233-243.	1.6	94
118	Growth Control of Mammalian Cells via a Human Artificial Chromosome Harboring a Chimeric Receptor. , 2010, , 253-258.		0
119	The Characteristic of Chimeric Receptors Based on Erythropoietin Receptor. , 2010, , 265-270.		0
120	Requirement of conserved amino acid residues for ERâ€œexport and recycling of plateletâ€œactivating factor receptor. <i>FASEB Journal</i> , 2010, 24, 1b83.	0.2	0
121	Miniaturization of computer elements. Preface. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2010, 119, xi-xiii.	0.6	0
122	The Influence of Domain Structures on the Signal Transduction of Chimeric Receptors Derived from the Erythropoietin Receptor. <i>Journal of Biochemistry</i> , 2009, 145, 575-584.	0.9	34
123	Bone regeneration using collagen type I vitrigel with bone morphogenetic protein-2. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 318-323.	1.1	51
124	Fluorescein-responsive migration of mammalian cells equipped with an antibody/receptor chimera. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S33.	1.1	0
125	Sortaseâ€œMediated Ligation: A Gift from Gramâ€œPositive Bacteria to Protein Engineering. <i>ChemBioChem</i> , 2009, 10, 787-798.	1.3	186
126	Selection and growth regulation of genetically modified cells with haptentâ€œspecific antibody/receptor tyrosine kinase chimera. <i>Biotechnology Progress</i> , 2009, 25, 1138-1145.	1.3	27



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127	Rapid and Efficient Induction of an Endogenous Cell Signaling Event by Subcellular Targeting of a Synthetic Ligand. <i>Journal of the American Chemical Society</i> , 2009, 131, 13568-13569.	6.6	9
128	T cell growth control using hapten-specific antibody/interleukin-2 receptor chimera. <i>Cytokine</i> , 2009, 46, 127-136.	1.4	32
129	Expansion of the sortase-mediated labeling method for site-specific N-terminal labeling of cell surface proteins on living cells. <i>Chemical Communications</i> , 2009, , 1022.	2.2	66
130	Site-specific Protein Modification on Living Cells Catalyzed by Sortase. <i>ChemBioChem</i> , 2008, 9, 802-807.	1.3	151
131	A Caged Phosphopeptide-based Approach for Photochemical Activation of Kinases in Living Cells. <i>ChemBioChem</i> , 2008, 9, 1583-1586.	1.3	25
132	Construction of a fluorescein-responsive chimeric receptor with strict ligand dependency. <i>Biotechnology and Bioengineering</i> , 2008, 101, 975-984.	1.7	23
133	Effect of $\beta$ -cyclodextrin on the renaturation of enzymes after sodium dodecyl sulfate-polyacrylamide gel electrophoresis. <i>Analytical Biochemistry</i> , 2008, 381, 273-275.	1.1	11
134	High-efficiency DNA injection into a single human mesenchymal stem cell using a nanoneedle and atomic force microscopy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008, 4, 215-225.	1.7	115
135	Measuring Adsorption of a Hydrophobic Probe with a Surface Plasmon Resonance Sensor to Monitor Conformational Changes in Immobilized Proteins. <i>Biotechnology Progress</i> , 2008, 19, 1348-1354.	1.3	19
136	Modulating the Actions of NK Cell-Mediated Cytotoxicity Using Lipid-PEG (n) and Inhibitory Receptor-Specific Antagonistic Peptide Conjugates. <i>Biotechnology Progress</i> , 2008, 21, 1226-1230.	1.3	13
137	Successful Control of Aggregation and Folding Rates during Refolding of Denatured Lysozyme by Adding $N$ -Methylimidazolium Cations with Various $N$ -Substituents. <i>Biotechnology Progress</i> , 2008, 24, 402-408.	1.3	33
138	Selective expansion of genetically modified T cells using an antibody/interleukin-2 receptor chimera. <i>Journal of Immunological Methods</i> , 2008, 337, 16-23.	0.6	17
139	Icariin induces osteogenic differentiation in vitro in a BMP- and Runx2-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 444-448.	1.0	158
140	Covalent split protein fragment-DNA hybrids generated through N-terminus-specific modification of proteins by oligonucleotides. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2187.	1.5	22
141	Antigen-mediated migration of murine pro-B Ba/F3 cells via an antibody/receptor chimera. <i>Journal of Biotechnology</i> , 2008, 133, 154-161.	1.9	14
142	A bromocoumarin-based linker for synthesis of photocleavable peptidoconjugates with high photosensitivity. <i>Chemical Communications</i> , 2008, , 5399.	2.2	25
143	Selective Expansion of Genetically Modified T Cells Using a Chimeric IL-2 Receptor for Cancer Therapy. , 2008, , 11-18.		0
144	Promoting Non-Hematopoietic Cell Proliferation by Chimeric Receptors. , 2008, , 87-93.		0

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145	Construction of a Fluorescein-Responsive Chimeric Receptor with Strict Ligand Dependency and Analysis of the Role of Erythropoietin Receptor Domains in Signal Transduction. , 2008, , 187-193.		0
146	Food Restriction in Pregnant Mice Can Induce Changes in Histone Modifications and Suppress Gene Expression in Fetus. Nucleic Acids Symposium Series, 2007, 51, 125-126.	0.3	15
147	Intramolecular electron transfer in a cytochrome P450cam system with a site-specific branched structure. Protein Engineering, Design and Selection, 2007, 20, 453-459.	1.0	43
148	Mimicry of Erythropoietin and Interleukin-6 Signalling by an Antibody/Cytokine Receptor Chimera in Murine Myeloid 32D Cells. Journal of Biochemistry, 2007, 141, 563-571.	0.9	6
149	è†œã,ãf³ãf'ã,~è³ã@æ"1ã%ãã,ã,^ã,ç~èfžãjœç"ã@ã^ã³¼; Kobunshi, 2007, 56, 828-830.	0.0	0
150	Antigen-mediated growth control of hybridoma cells via a human artificial chromosome. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 206-212.	1.1	11
151	Construction of a small-molecule-integrated semisynthetic split intein for in vivo protein ligation. Chemical Communications, 2007, , 4995.	2.2	39
152	Enhanced fluorescence resonance energy transfer immunoassay with improved sensitivity based on the Fabâ€²-based immunoconjugates. Analytical Biochemistry, 2007, 360, 266-272.	1.1	16
153	Creation of a Thermostable Firefly Luciferase with pH-insensitive Luminescent Color. Photochemistry and Photobiology, 2007, 77, 333-338.	1.3	3
154	Growth control of hybridoma cells with an artificially induced EpoR-gp130 heterodimer. Cytotechnology, 2007, 52, 171-179.	0.7	6
155	Bone-Like Tissue Formation by Three-Dimensional Culture of MG63 Osteosarcoma Cells in Gelatin Hydrogels Using Calcium-Enriched Medium. Tissue Engineering, 2006, 12, 927-937.	4.9	60
156	Exogenous gene expression and growth regulation of hematopoietic cells via a novel human artificial chromosome. Journal of Human Genetics, 2006, 51, 147-150.	1.1	21
157	Charge trap in self-assembled monolayer of cytochrome b562-green fluorescent protein chimera. Current Applied Physics, 2006, 6, 760-765.	1.1	7
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