

Joachim Jose

List of Publications by Year in descending order

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196
papers

4,772
citations

109137

35
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149479

56
g-index

203
all docs

203
docs citations

203
times ranked

4445
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Plasticity of Crystalline CK2 [±] Leads to KN2, a Bivalent Inhibitor of Protein Kinase CK2 with Extraordinary Selectivity. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1302-1312.	2.9	13
2	Preparation of Bacterial Cell-Surface Displayed Semisynthetic. <i>Methods in Molecular Biology</i> , 2022, 2371, 193-213.	0.4	0
3	One-step immunoassay for food allergens based on screened mimotopes from autodisplayed Fv-antibody library. <i>Biosensors and Bioelectronics</i> , 2022, 202, 113976.	5.3	12
4	Structural and Enzymological Evidence for an Altered Substrate Specificity in Okur-Chung Neurodevelopmental Syndrome Mutant CK2 [±] Lys198Arg. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 831693.	1.6	3
5	4,5,7-Trisubstituted indeno[1,2-b]indole inhibits CK2 activity in tumor cells equivalent to CX4945 and shows strong anti-migratory effects. <i>FEBS Open Bio</i> , 2022, 12, 394-411.	1.0	2
6	Sesquiterpene Lactones with Dual Inhibitory Activity against the <i>Trypanosoma brucei</i> Pteridine Reductase 1 and Dihydrofolate Reductase. <i>Molecules</i> , 2022, 27, 149.	1.7	7
7	Covalently Immobilized Regenerable Immunoaffinity Layer with Orientation-Controlled Antibodies Based on Z-Domain Autodisplay. <i>International Journal of Molecular Sciences</i> , 2022, 23, 459.	1.8	9
8	De novo variants of CSNK2B cause a new intellectual disability-craniodigital syndrome by disrupting the canonical Wnt signaling pathway. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100111.	1.0	7
9	Development of a First-in-Class Small-Molecule Inhibitor of the C-Terminal Hsp90 Dimerization. <i>ACS Central Science</i> , 2022, 8, 636-655.	5.3	12
10	Enzyme cascade converting cyclohexanol into ϵ -caprolactone coupled with NADPH recycling using surface displayed alcohol dehydrogenase and cyclohexanone monooxygenase on <i>E. coli</i> . <i>Microbial Biotechnology</i> , 2022, 15, 2235-2249.	2.0	4
11	Antibody-Mediated Screening of Peptide Inhibitors for Monoamine Oxidase-B (MAO-B) from an Autodisplayed F _v Library. <i>Bioconjugate Chemistry</i> , 2022, 33, 1166-1178.	1.8	5
12	Tetanus Toxin Fragment C: Structure, Drug Discovery Research and Production. <i>Pharmaceuticals</i> , 2022, 15, 756.	1.7	6
13	Ninhydrins inhibit carbonic anhydrases directly binding to the metal ion. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112875.	2.6	18
14	Uncompetitive nanomolar dimeric indenoindole inhibitors of the human breast cancer resistance pump ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113017.	2.6	12
15	Autodisplay of human PIP5K1 [±] lipid kinase on <i>Escherichia coli</i> and inhibitor testing. <i>Enzyme and Microbial Technology</i> , 2021, 143, 109717.	1.6	4
16	Mechanistic basis of breast cancer resistance protein inhibition by new indeno[1,2-b]indoles. <i>Scientific Reports</i> , 2021, 11, 1788.	1.6	17
17	Screening of Fv Antibodies with Specific Binding Activities to Monosodium Urate and Calcium Pyrophosphate Dihydrate Crystals for the Diagnosis of Gout and Pseudogout. <i>ACS Applied Bio Materials</i> , 2021, 4, 3388-3397.	2.3	15
18	In Silico and In Vitro Studies of Natural Compounds as Human CK2 Inhibitors. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 323-331.	0.8	1

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19	Highly Crystalline Post-Consumer PET Waste Hydrolysis by Surface Displayed PETase Using a Bacterial Whole-Cell Biocatalyst. <i>ChemCatChem</i> , 2021, 13, 3479-3489.	1.8	25
20	Broad-Spectrum Anticancer Activity and Pharmacokinetic Properties of a Prenyloxy-Substituted Indeno[1,2-b]indole Derivative, Discovered as CK2 Inhibitor. <i>Pharmaceuticals</i> , 2021, 14, 542.	1.7	4
21	Screening of biotin-binding Fv-antibodies from autodisplayed FV-library on <i>E. coli</i> outer membrane. <i>Analytica Chimica Acta</i> , 2021, 1169, 338627.	2.6	10
22	Natural Compounds Isolated from <i>Stachybotrys chartarum</i> Are Potent Inhibitors of Human Protein Kinase CK2. <i>Molecules</i> , 2021, 26, 4453.	1.7	2
23	[2.2]Paracyclophane-Based TCN-201 Analogs as GluN2A-Selective NMDA Receptor Antagonists. <i>ChemMedChem</i> , 2021, 16, 3201-3209.	1.6	5
24	Label-free flow cytometry-based enzyme inhibitor identification. <i>Analytica Chimica Acta</i> , 2021, 1179, 338826.	2.6	3
25	Fluorescein and Rhodamine B-Binding Domains from Autodisplayed Fv-Antibody Library. <i>Bioconjugate Chemistry</i> , 2021, 32, 2213-2223.	1.8	7
26	Improving the autotransporter-based surface display of enzymes in <i>Pseudomonas putida</i> KT2440. <i>Microbial Biotechnology</i> , 2020, 13, 176-184.	2.0	14
27	A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination. <i>Glia</i> , 2020, 68, 263-279.	2.5	10
28	Design, synthesis and biological evaluation of new embelin derivatives as CK2 inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103520.	2.0	13
29	QSAR Model of Indeno[1,2-b]indole Derivatives and Identification of N-isopentyl-2-methyl-4,9-dioxo-4,9-Dihydronaphtho[2,3-b]furan-3-carboxamide as a Potent CK2 Inhibitor. <i>Molecules</i> , 2020, 25, 97.	1.7	10
30	Development of an <i>in vitro</i> screening assay for PIP5K1 α lipid kinase and identification of potent inhibitors. <i>FEBS Journal</i> , 2020, 287, 3042-3064.	2.2	4
31	Root Extracts From <i>Ononis spinosa</i> Inhibit IL-8 Release via Interactions With Toll-Like Receptor 4 and Lipopolysaccharide. <i>Frontiers in Pharmacology</i> , 2020, 11, 889.	1.6	9
32	Tailor-made β -glucosidase with increased activity at lower temperature without loss of stability and glucose tolerance. <i>Green Chemistry</i> , 2020, 22, 2234-2243.	4.6	16
33	Synthesis and SAR of Tetracyclic Inhibitors of Protein Kinase CK2 Derived from Furocarbazole W16. <i>ChemMedChem</i> , 2020, 15, 871-881.	1.6	4
34	Structural and Mechanistic Basis of the Inhibitory Potency of Selected 2-Aminothiazole Compounds on Protein Kinase CK2. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7766-7772.	2.9	10
35	Application of a thermophoretic immunoassay in the diagnosis of lupus using outer membrane particles from <i>E. coli</i> . <i>Biosensors and Bioelectronics</i> , 2020, 156, 112110.	5.3	4
36	Unexpected CK2 β -antagonistic functionality of bisubstrate inhibitors targeting protein kinase CK2. <i>Bioorganic Chemistry</i> , 2020, 96, 103608.	2.0	14

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37	Improved Surface Display of Human Hyal1 and Identification of Testosterone Propionate and Chicoric Acid as New Inhibitors. <i>Pharmaceuticals</i> , 2020, 13, 54.	1.7	7
38	Cryptotanshinone from <i>Salvia miltiorrhiza</i> Roots Reduces Cytokeratin CK1/10 Expression in Keratinocytes by Activation of Peptidyl-prolyl-cis-trans-isomerase FKBP1A. <i>Planta Medica</i> , 2019, 85, 552-562.	0.7	7
39	Cell density-dependent auto-inducible promoters for expression of recombinant proteins in <i>Pseudomonas putida</i> . <i>Microbial Biotechnology</i> , 2019, 12, 1003-1013.	2.0	8
40	In Vitro and in Silico Evaluation of Bikaverin as a Potent Inhibitor of Human Protein Kinase CK2. <i>Molecules</i> , 2019, 24, 1380.	1.7	17
41	Purification-independent immunoreagents obtained by displaying nanobodies on bacteria surface. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4443-4453.	1.7	5
42	Hyal-1 inhibitors from the leaves of <i>Phyllanthus muellerianus</i> (Kuntze) Excell. <i>Journal of Ethnopharmacology</i> , 2019, 236, 326-335.	2.0	4
43	Diacritic Binding of an Indenoindole Inhibitor by CK2 \pm Paralogs Explored by a Reliable Path to Atomic Resolution CK2 \pm Structures. <i>ACS Omega</i> , 2019, 4, 5471-5478.	1.6	18
44	Thermophoretic diagnosis of autoimmune diseases based on <i>Escherichia coli</i> with autodisplayed autoantigens. <i>Analytica Chimica Acta</i> , 2019, 1055, 106-114.	2.6	7
45	High-Throughput, Lysis-Free Screening for Sulfatase Activity Using <i>Escherichia coli</i> Autodisplay in Microdroplets. <i>ACS Synthetic Biology</i> , 2019, 8, 2690-2700.	1.9	25
46	Bacterial Cell Surface Display of Semisynthetic Cyclic Peptides. <i>ChemBioChem</i> , 2019, 20, 72-77.	1.3	16
47	Human β -S1-casein induces IL-8 secretion by binding to the ecto-domain of the TLR4/MD2 receptor complex. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 632-643.	1.1	11
48	The workability of <i>Escherichia coli</i> BL21 (DE3) and <i>Pseudomonas putida</i> KT2440 expression platforms with autodisplayed cellulases: a comparison. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4829-4841.	1.7	14
49	An optimal blend of single autodisplayed cellulases for cellulose saccharification—A proof of concept. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2719-2728.	1.6	3
50	A new family of densely functionalized fused-benzoquinones as potent human protein kinase CK2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 410-423.	2.6	14
51	Inhibition of Shiga toxin-converting bacteriophage development by novel antioxidant compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 639-650.	2.5	8
52	Refolding of autodisplayed anti-NEF scFv through oxidation with glutathione for immunosensors. <i>Biosensors and Bioelectronics</i> , 2018, 102, 600-609.	5.3	7
53	Thermophoretic immunoassay based on autodisplayed Z-domains for the diagnosis of C-reactive protein. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 1131-1137.	4.0	6
54	Chirality-dependent cell adhesion and enrichment in Janus nanocomposite hydrogels. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 247-256.	1.7	21

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55	Orientation and density control of proteins on solid matters by outer membrane coating: Analytical and diagnostic applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 174-184.	1.4	8
56	A Regenerative Immunoaffinity Layer Based on the Outer Membrane of Z-Domains Autodisplaying E. coli for Immunoassays and Immunosensors. <i>Sensors</i> , 2018, 18, 4030.	2.1	4
57	Isoflavonoids with inhibiting effects on human hyaluronidase-1 and norneolignan clitorienolactone B from <i>Ononis spinosa</i> L. root extract. <i>FÃ-toterapÃ-Ãç</i> , 2018, 130, 169-174.	1.1	19
58	Self-Assembled Supramolecular Nanoparticles Improve the Cytotoxic Efficacy of CK2 Inhibitor THN7. <i>Pharmaceuticals</i> , 2018, 11, 10.	1.7	5
59	A I€-Halogen Bond of Dibenzofuranones with the Gatekeeper Phe113 in Human Protein Kinase CK2 Leads to Potent Tight Binding Inhibitors. <i>Pharmaceuticals</i> , 2018, 11, 23.	1.7	6
60	Direct optical density determination of bacterial cultures in microplates for high-throughput screening applications. <i>Enzyme and Microbial Technology</i> , 2018, 118, 1-5.	1.6	31
61	Targeting HSP90 dimerization via the C terminus is effective in imatinib-resistant CML and lacks the heat shock response. <i>Blood</i> , 2018, 132, 307-320.	0.6	66
62	Phytochemical Characterization of Low Molecular Weight Constituents from Marshmallow Roots (<i>Althaea officinalis</i>) and Inhibiting Effects of the Aqueous Extract on Human Hyaluronidase-1. <i>Journal of Natural Products</i> , 2017, 80, 290-297.	1.5	21
63	Autodisplay of the La/SSB protein on LPS-free E. coli for the diagnosis of SjÃ¶grenÃ™s syndrome. <i>Enzyme and Microbial Technology</i> , 2017, 100, 1-10.	1.6	9
64	Autodisplay of glucoseÃ©6Ã©phosphate dehydrogenase for redox cofactor regeneration at the cell surface. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1658-1669.	1.7	13
65	AutotransporterÃ©Based Surface Display of Hemicellulases on <i>Pseudomonas putida</i>: WholeÃ©Cell Biocatalysts for the Degradation of Biomass. <i>ChemCatChem</i> , 2017, 9, 3955-3964.	1.8	10
66	Lignocellulases: a review of emerging and developing enzymes, systems, and practices. <i>Bioresources and Bioprocessing</i> , 2017, 4, .	2.0	108
67	Development of a wash-free immunoassay using Escherichia coli cells with autodisplayed Z-domains. <i>Analyst</i> , The, 2017, 142, 1720-1728.	1.7	16
68	Ser71 of Î±S1Ã©Casein is Phosphorylated in Breast MilkÃ©Evidence from Targeted Mass Analysis. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700496.	1.5	4
69	Chirality-dependent cellular uptake of chiral nanocarriers and intracellular delivery of different amounts of guest molecules. <i>Applied Surface Science</i> , 2017, 425, 432-439.	3.1	19
70	Improving the activity of surface displayed cytochrome P450 enzymes by optimizing the outer membrane linker. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 104-116.	1.4	19
71	Activity control of autodisplayed proteins on the same outer membrane layer of E. coli by using Z-domain/streptavidin/and lipase/foldase systems. <i>Enzyme and Microbial Technology</i> , 2017, 96, 85-95.	1.6	7
72	Unexpected Binding Mode of a Potent Indeno[1,2-b]indole-Type Inhibitor of Protein Kinase CK2 Revealed by Complex Structures with the Catalytic Subunit CK2Î± and Its Paralog CK2Î±Ã©2. <i>Pharmaceuticals</i> , 2017, 10, 98.	1.7	13

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73	In Silico Identification and In Vitro Evaluation of Natural Inhibitors of Leishmania major Pteridine Reductase I. <i>Molecules</i> , 2017, 22, 2166.	1.7	14
74	Identification of a Potent Allosteric Inhibitor of Human Protein Kinase CK2 by Bacterial Surface Display Library Screening. <i>Pharmaceuticals</i> , 2017, 10, 6.	1.7	8
75	An Updated View on an Emerging Target: Selected Papers from the 8th International Conference on Protein Kinase CK2. <i>Pharmaceuticals</i> , 2017, 10, 33.	1.7	1
76	Development of Pharmacophore Model for Indeno[1,2-b]indoles as Human Protein Kinase CK2 Inhibitors and Database Mining. <i>Pharmaceuticals</i> , 2017, 10, 8.	1.7	26
77	1st Joint European Conference on Therapeutic Targets and Medicinal Chemistry (TTMC 2015). <i>Pharmaceuticals</i> , 2016, 9, 1.	1.7	31
78	Site-Specific Labeling of Protein Kinase CK2: Combining Surface Display and Click Chemistry for Drug Discovery Applications. <i>Pharmaceuticals</i> , 2016, 9, 36.	1.7	13
79	Human casein alpha s1 induces proinflammatory cytokine expression in monocytic cells by TLR4 signaling. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1079-1089.	1.5	16
80	Screening of indeno[1,2- <i>b</i>]indoloquinones by MALDI-MS: a new set of potential CDC25 phosphatase inhibitors brought to light. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 25-32.	2.5	9
81	Targeting acute myeloid leukemia with a small molecule inhibitor of the Myb/p300 interaction. <i>Blood</i> , 2016, 127, 1173-1182.	0.6	83
82	A magnetite suspension-based washing method for immunoassays using <i>Escherichia coli</i> cells with autodisplayed Z-domains. <i>Enzyme and Microbial Technology</i> , 2016, 92, 1-8.	1.6	8
83	Proof of concept for the simplified breakdown of cellulose by combining <i>Pseudomonas putida</i> strains with surface displayed thermophilic endocellulase, exocellulase and I ² -glucosidase. <i>Microbial Cell Factories</i> , 2016, 15, 103.	1.9	33
84	Microbead-based immunoassay using the outer membrane layer of <i>Escherichia coli</i> combined with autodisplayed Z-domains. <i>Applied Surface Science</i> , 2016, 362, 146-153.	3.1	7
85	Co-expression of active human cytochrome P450 1A2 and cytochrome P450 reductase on the cell surface of <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2016, 15, 26.	1.9	34
86	Design and biological testing of peptidic dimerization inhibitors of human Hsp90 that target the C-terminal domain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1043-1055.	1.1	18
87	Toward selective CK2alpha and CK2alpha TM inhibitors: Development of a novel whole-cell kinase assay by Autodisplay of catalytic CK2alpha TM . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 253-260.	1.4	15
88	Functional display of heterotetrameric human protein kinase CK2 on <i>Escherichia coli</i> : a novel tool for drug discovery. <i>Microbial Cell Factories</i> , 2015, 14, 74.	1.9	22
89	Maximized Autotransporter Mediated Expression (MATE) for Surface Display and Secretion of Recombinant Proteins in <i>Escherichia coli</i> . <i>Food Technology and Biotechnology</i> , 2015, 53, 251-260.	0.9	20
90	Autodisplay of Human Hyaluronidase Hyal-1 on <i>Escherichia coli</i> and Identification of Plant-Derived Enzyme Inhibitors. <i>Molecules</i> , 2015, 20, 15449-15468.	1.7	12

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91	In Silico Identification and in Vitro Activity of Novel Natural Inhibitors of Trypanosoma brucei Glyceraldehyde-3-phosphate-dehydrogenase. <i>Molecules</i> , 2015, 20, 16154-16169.	1.7	18
92	Phenolic indeno[1,2-b]indoles as ABCG2-selective potent and non-toxic inhibitors stimulating basal ATPase activity. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3481.	2.0	18
93	Co-autodisplay of Z-domains and bovine caseins on the outer membrane of E. coli. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 3126-3133.	1.4	11
94	Isolation and characterization of the outer membrane of Escherichia coli with autodisplayed Z-domains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 842-847.	1.4	51
95	Going beyond E. coli: autotransporter based surface display on alternative host organisms. <i>New Biotechnology</i> , 2015, 32, 644-650.	2.4	24
96	Microwave-assisted oxidation of indan-1-ones into ninhydrins. <i>Tetrahedron Letters</i> , 2015, 56, 1840-1842.	0.7	15
97	Synthesis, Biological Evaluation and Molecular Modeling of Substituted Indeno[1,2-b]indoles as Inhibitors of Human Protein Kinase CK2. <i>Pharmaceuticals</i> , 2015, 8, 279-302.	1.7	29
98	Naphthol AS-E Phosphate Inhibits the Activity of the Transcription Factor Myb by Blocking the Interaction with the KIX Domain of the Coactivator p300. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1276-1285.	1.9	60
99	Electrochemical analysis of autodisplayed adrenodoxin (Adx) on the outer membrane of E. coli. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1509-1513.	1.4	8
100	Biologically active carbazole derivatives: focus on oxazinocarbazoles and related compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 180-188.	2.5	17
101	Quantification of β -S1-casein in breast milk using a targeted mass spectrometry-based approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 103, 52-58.	1.4	19
102	Converting Potent Indeno[1,2-b]indole Inhibitors of Protein Kinase CK2 into Selective Inhibitors of the Breast Cancer Resistance Protein ABCG2. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 265-277.	2.9	61
103	Autotransporter mediated esterase display on <i>Zymomonas mobilis</i> and <i>Zymobacter palmae</i> . <i>Journal of Biotechnology</i> , 2014, 191, 228-235.	1.9	16
104	Ultrasonic isolation of the outer membrane of Escherichia coli with autodisplayed Z-domains. <i>Enzyme and Microbial Technology</i> , 2014, 66, 42-47.	1.6	15
105	Microarray based on autodisplayed Ro proteins for medical diagnosis of systemic lupus erythematosus (SLE). <i>Biosensors and Bioelectronics</i> , 2014, 57, 213-218.	5.3	29
106	Synthesis, biological evaluation and molecular docking studies of benzyloxyacetohydroxamic acids as LpxC inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1016-1028.	1.4	18
107	Escherichia coli kduD encodes an oxidoreductase that converts both sugar and steroid substrates. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5471-5485.	1.7	9
108	Autodisplay for the co-expression of lipase and foldase on the surface of E. coli: washing with designer bugs. <i>Microbial Cell Factories</i> , 2014, 13, 19.	1.9	35

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109	Development of a surface display ELISA to detect anti-IgG antibodies against bovine β -casein in human sera. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 144-150.	1.4	8
110	Bacterial whole-cell biocatalysts by surface display of enzymes: toward industrial application. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8031-8046.	1.7	115
111	FACS-based immunoassay of troponin-I using <i>E. coli</i> cells with autodisplayed Z-domains. <i>Analytical Methods</i> , 2014, 6, 1700-1708.	1.3	12
112	Crystal structure of the transport unit of the autotransporter adhesin involved in diffuse adherence from <i>Escherichia coli</i> . <i>Journal of Structural Biology</i> , 2014, 187, 20-29.	1.3	30
113	Synthesis and biological evaluation of flexible and conformationally constrained LpxC inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6056.	1.5	30
114	Autodisplay of nitrilase from <i>Klebsiella pneumoniae</i> and whole-cell degradation of oxynil herbicides and related compounds. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4887-4896.	1.7	20
115	Optimization of a FACS based-immunoassay using <i>E. coli</i> autodisplaying Z-domains. <i>Biochip Journal</i> , 2013, 7, 173-179.	2.5	6
116	A carbon nanotube metal semiconductor field effect transistor-based biosensor for detection of amyloid-beta in human serum. <i>Biosensors and Bioelectronics</i> , 2013, 50, 345-350.	5.3	118
117	Magnetic-bead-based immunoassay using <i>E. coli</i> cells with autodisplayed Z-domains. <i>Enzyme and Microbial Technology</i> , 2013, 53, 118-122.	1.6	13
118	Flow cytometric immunoassay using <i>E. coli</i> with autodisplayed Z-domains. <i>Enzyme and Microbial Technology</i> , 2013, 53, 181-188.	1.6	20
119	¹ H and ¹³ C NMR assignments of bioactive indeno[1,2- <i>b</i>]indole-10-one derivatives. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 837-841.	1.1	3
120	Human casein alpha s1 (CSN1S1) skews in vitro differentiation of monocytes towards macrophages. <i>BMC Immunology</i> , 2013, 14, 46.	0.9	15
121	Indenoindoles and cyclopentacarbazoles as bioactive compounds: Synthesis and biological applications. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 465-479.	2.6	43
122	Development of novel LpxC inhibitors: chiral-pool synthesis of β -triazolyl glycosides. <i>Tetrahedron</i> , 2013, 69, 9434-9442.	1.0	13
123	Preparation and characterization of CK2 inhibitor-loaded cyclodextrin nanoparticles for drug delivery. <i>International Journal of Pharmaceutics</i> , 2013, 441, 491-498.	2.6	21
124	First Structure of Protein Kinase CK2 Catalytic Subunit with an Effective CK2 ² -Competitive Ligand. <i>ACS Chemical Biology</i> , 2013, 8, 901-907.	1.6	39
125	Synthesis and biological evaluation of novel substituted pyrrolo[1,2- <i>a</i>]quinoxaline derivatives as inhibitors of the human protein kinase CK2. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 205-222.	2.6	83
126	Structural comparison of the transport units of type V secretion systems. <i>Biological Chemistry</i> , 2013, 394, 1385-1398.	1.2	13

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127	Purification, crystallization and preliminary X-ray crystallographic analysis of the transport unit of the monomeric autotransporter AIDA-I from <i>Escherichia coli</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 1159-1162.	0.7	2
128	N-substituted Indole-2 and 3-carboxamide derivatives as inhibitors of human protein kinase CK2: in vitro assay and molecular modelling study. <i>Acta Chimica Slovenica</i> , 2013, 60, 628-35.	0.2	1
129	Autodisplay of enzymes – Molecular basis and perspectives. <i>Journal of Biotechnology</i> , 2012, 161, 92-103.	1.9	63
130	Electrochemical ELISA based on <i>Escherichia coli</i> with autodisplayed Z-domains. <i>Sensors and Actuators B: Chemical</i> , 2012, 175, 46-52.	4.0	27
131	TF – A novel cell-permeable and selective inhibitor of human protein kinase CK2 induces apoptosis in the prostate cancer cell line LNCaP. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 970-977.	1.1	26
132	Novel indeno[1,2-b]indoloquinones as inhibitors of the human protein kinase CK2 with antiproliferative activity towards a broad panel of cancer cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 71-75.	1.0	28
133	Autodisplay of functional CYP106A2 in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2012, 161, 104-112.	1.9	36
134	Expression of active human P450 3A4 on the cell surface of <i>Escherichia coli</i> by Autodisplay. <i>Journal of Biotechnology</i> , 2012, 161, 113-120.	1.9	30
135	SPR biosensor based on immobilized <i>E. coli</i> cells with autodisplayed Z-domains. <i>Biochip Journal</i> , 2012, 6, 221-228.	2.5	23
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