

# Zoltan Konthur

## List of Publications by Year in descending order

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63  
papers

2,047  
citations

218381

26  
h-index

243296

44  
g-index

94  
all docs

94  
docs citations

94  
times ranked

3094  
citing authors

#	ARTICLE	IF	CITATIONS
1	ProteomeBinders: planning a European resource of affinity reagents for analysis of the human proteome. <i>Nature Methods</i> , 2007, 4, 13-17.	9.0	231
2	Probing the SELEX Process with Next-Generation Sequencing. <i>PLoS ONE</i> , 2011, 6, e29604.	1.1	173
3	3D Protein Microarrays: Performing Multiplex Immunoassays on a Single Chip. <i>Analytical Chemistry</i> , 2003, 75, 4368-4372.	3.2	117
4	Recent advances of protein microarrays. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 4-10.	2.8	109
5	Identification and characterization of RNA guanine-quadruplex binding proteins. <i>Nucleic Acids Research</i> , 2014, 42, 6630-6644.	6.5	105
6	Large-scale plant proteomics. <i>Plant Molecular Biology</i> , 2002, 48, 133-141.	2.0	92
7	Application of housekeeping npcRNAs for quantitative expression analysis of human transcriptome by real-time PCR. <i>Rna</i> , 2010, 16, 450-461.	1.6	90
8	Human antibody RNase fusion protein targeting CD30+ lymphomas. <i>Blood</i> , 2008, 111, 3830-3837.	0.6	72
9	Perspectives for systematic in vitro antibody generation. <i>Gene</i> , 2005, 364, 19-29.	1.0	71
10	A streamlined protocol for emulsion polymerase chain reaction and subsequent purification. <i>Analytical Biochemistry</i> , 2011, 410, 155-157.	1.1	61
11	High-throughput Screening of Surface Displayed Gene Products. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 4, 193-205.	0.6	54
12	Rapid Identification of Allergen-Encoding cDNA Clones by Phage Display and High-Density Arrays. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2003, 6, 147-154.	0.6	51
13	Minimum information about a protein affinity reagent (MIAPAR). <i>Nature Biotechnology</i> , 2010, 28, 650-653.	9.4	50
14	Seeing Better through a MIST: Evaluation of Monoclonal Recombinant Antibody Fragments on Microarrays. <i>Analytical Chemistry</i> , 2004, 76, 2916-2921.	3.2	47
15	<i>Leishmania tarentolae</i> : Taxonomic classification and its application as a promising biotechnological expression host. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007424.	1.3	46
16	Secretory signal peptide modification for optimized antibody-fragment expression-secretion in <i>Leishmania tarentolae</i> . <i>Microbial Cell Factories</i> , 2012, 11, 97.	1.9	45
17	Tapping Allergen Repertoires by Advanced Cloning Technologies. <i>International Archives of Allergy and Immunology</i> , 2001, 124, 43-47.	0.9	44
18	Differential regulation of non-protein coding RNAs from Prader-Willi Syndrome locus. <i>Scientific Reports</i> , 2014, 4, 6445.	1.6	41

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19	Design and Screening of M13 Phage Display cDNA Libraries. <i>Molecules</i> , 2011, 16, 1667-1681.	1.7	38
20	The KRAB-containing zinc-finger transcriptional regulator ZBRK1 activates SCA2 gene transcription through direct interaction with its gene product, ataxin-2. <i>Human Molecular Genetics</i> , 2011, 20, 104-114.	1.4	36
21	A Community Standard Format for the Representation of Protein Affinity Reagents. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1-10.	2.5	35
22	Protein Array Technology. <i>Molecular Diagnosis and Therapy</i> , 2001, 1, 37-43.	3.3	33
23	Bacterial citrullinated epitopes generated by <i>Porphyromonas gingivalis</i> infection—a missing link for ACPA production. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1194-1202.	0.5	30
24	Onset of Immune Senescence Defined by Unbiased Pyrosequencing of Human Immunoglobulin mRNA Repertoires. <i>PLoS ONE</i> , 2012, 7, e49774.	1.1	30
25	V-gene amplification revisited — An optimised procedure for amplification of rearranged human antibody genes of different isotypes. <i>New Biotechnology</i> , 2010, 27, 108-117.	2.4	29
26	Production of Glycosylated Soluble Amyloid Precursor Protein Alpha (sAPPalpha) in <i>Leishmania tarentolae</i> . <i>Journal of Proteome Research</i> , 2013, 12, 396-403.	1.8	29
27	Soluble Alpha-APP (sAPPalpha) Regulates CDK5 Expression and Activity in Neurons. <i>PLoS ONE</i> , 2013, 8, e65920.	1.1	28
28	Automation of phage display for high-throughput antibody development. <i>Targets</i> , 2002, 1, 30-36.	0.3	24
29	Automation in the High-throughput Selection of Random Combinatorial Libraries—Different Approaches for Select Applications. <i>Molecules</i> , 2010, 15, 2478-2490.	1.7	22
30	High-throughput applications of phage display in proteomic analyses. <i>Targets</i> , 2003, 2, 261-270.	0.3	21
31	An ordered <i>Arabidopsis thaliana</i> mitochondrial cDNA library on high-density filters allows rapid systematic analysis of plant gene expression: a pilot study. <i>Plant Journal</i> , 1998, 15, 721-726.	2.8	19
32	Protein Array Technology: The Tool to Bridge Genomics and Proteomics. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2002, 77, 103-112.	0.6	16
33	Directed evolution of nucleotide-based libraries using lambda exonuclease. <i>BioTechniques</i> , 2012, 53, 357-64.	0.8	15
34	Identification of fibronectin as a major factor in human serum to recruit subchondral mesenchymal progenitor cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1410-1418.	1.2	14
35	Semi-automated Magnetic Bead-Based Antibody Selection from Phage Display Libraries. , 2010, , 267-287.		14
36	Large-scale plant proteomics. <i>Plant Molecular Biology</i> , 2002, 48, 133-41.	2.0	14

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37	Pushing the detection limits: The evanescent field in surface plasmon resonance and analyte-induced folding observation of long human telomeric repeats. <i>Biosensors and Bioelectronics</i> , 2012, 31, 571-574.	5.3	13
38	Simple paired heavy- and light-chain antibody repertoire sequencing using endoplasmic reticulum microsomes. <i>Genome Medicine</i> , 2018, 10, 34.	3.6	13
39	Array technology and proteomics in autoimmune diseases. <i>Pathology Research and Practice</i> , 2004, 200, 95-103.	1.0	12
40	High-throughput isolation of recombinant antibodies against recombinant allergens. <i>BioTechniques</i> , 2003, 35, 672-674.	0.8	11
41	Protein Microarrays - A Tool for the Post-Genomic Era. <i>Current Genomics</i> , 2001, 2, 151-159.	0.7	10
42	Genome Projects and the Functional-Genomic Era. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 659-667.	0.6	6
43	A High-Throughput Magnetic Nanoparticle-Based Semi-Automated Antibody Phage Display Biopanning. <i>Methods in Molecular Biology</i> , 2019, 1904, 377-400.	0.4	6
44	The citrullinated/native index of autoantibodies against hnRNP-DL predicts an individual "window of treatment success" in RA patients. <i>Arthritis Research and Therapy</i> , 2021, 23, 239.	1.6	6
45	Magnetic bead-based semi-automated phage display panning strategy for the directed evolution of antibodies. <i>Methods in Enzymology</i> , 2020, 630, 159-178.	0.4	5
46	Diversity visualization by endonuclease: A rapid assay to monitor diverse nucleotide libraries. <i>Analytical Biochemistry</i> , 2011, 411, 16-21.	1.1	4
47	Magnetic Nanoparticle-Based Semi-Automated Panning for High-Throughput Antibody Selection. <i>Methods in Molecular Biology</i> , 2018, 1701, 301-319.	0.4	4
48	Generation and Characterization of a <i>Leishmania tarentolae</i> Strain for Site-Directed <i>In Vivo</i> Biotinylation of Recombinant Proteins. <i>Journal of Proteome Research</i> , 2013, 12, 5512-5519.	1.8	3
49	OP0174...New protein array technology identifies rituximab treated non responder rheumatoid arthritis patients are generating a new autoantibody repertoire. , 2017, , .		2
50	Evaluation of Recombinant Antibodies on Protein Microarrays Applying the Multiple Spotting Technique. , 2010, , 447-460.		1
51	Large-scale plant proteomics. , 2002, , 133-141.		1
52	JKTBP (hnRNPD) is a novel toll7/9 dependent target in humans and animal models of inflammatory rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A4-A4.	0.5	0
53	Toll-like receptor (TLR-7/9), MYD88, TIR8, dependent and independent autoantigens. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, A39-A39.	0.5	0
54	Protein array screening reveals IgA autoantigenicity patterns predicting anti-TNF $\alpha$ therapy response in rheumatoid arthritis patients. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A69-A70.	0.5	0

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55	A2.21â€¦Toll-Like Receptor Dependent Autoantigens and Vesicles from P. gingivalis in Animal Models of RA to Modulate Collagen and Collagen Antibody Induced Arthritis. Annals of the Rheumatic Diseases, 2013, 72, A12.1-A12.	0.5	0
56	A6.5â€¦Toll-like receptor dependent autoantigens and vesicles from P.gingivalis in animal models of RA to modulate collagen and collagen antibody induced arthritis. Annals of the Rheumatic Diseases, 2014, 73, A72.2-A73.	0.5	0
57	A7.11â€¦IGA autoantigens â€œ a link between the gut and the anti-TNF therapy response in rheumatoid arthritis patients analysed in two independent clinical trials. Annals of the Rheumatic Diseases, 2015, 74, A78.3-A79.	0.5	0
58	FRIO120â€¦IGA Autoantigens â€œ A Link Between the GUT and the Anti-TNF Therapy Response in Rheumatoid Arthritis Patients Analysed in Two Independent Clinical Trials. Annals of the Rheumatic Diseases, 2015, 74, 464.1-464.	0.5	0
59	SAT0043â€¦Inhibitory Potential of Specific Monoclonal Acpas in Two Mouse Subspecies Genetically Separated about One Million Years ago. Annals of the Rheumatic Diseases, 2016, 75, 679.1-679.	0.5	0
60	AB0094â€¦A Dual Pathomechnism of Local TNF Produceing IGA B Cells in RA Synovial Tissue. Annals of the Rheumatic Diseases, 2016, 75, 929.1-929.	0.5	0
61	FRIO201â€¦Rituximab Treated Non Responder Rheumatoid Arthritis Patients Are Generating A New Autoantibody Repertoire. Annals of the Rheumatic Diseases, 2016, 75, 503.2-503.	0.5	0
62	A1.21â€¦Inhibitory potential of specific acpas in two mouse subspecies genetically separated about one million years ago. Annals of the Rheumatic Diseases, 2016, 75, A9.1-A9.	0.5	0
63	06.12â€¦New protein array technology identifies rituximab treated non responder rheumatoid arthritis patients are generating a new autoantibody repertoire. , 2017, , .		0