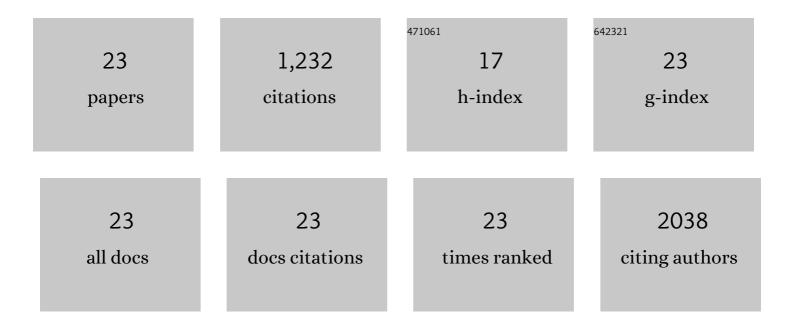
Basri Gulbakan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An investigation of different intracellular parameters for Inborn Errors of Metabolism: Cellular stress, antioxidant response and autophagy. Free Radical Biology and Medicine, 2022, 179, 190-199.	1.3	5
2	Native Electrospray Ionization Mass Spectrometry Reveals Multiple Facets of Aptamer–Ligand Interactions: From Mechanism to Binding Constants. Journal of the American Chemical Society, 2018, 140, 7486-7497.	6.6	42
3	Discovery of biomarkers in rare diseases: innovative approaches by predictive and personalized medicine. EPMA Journal, 2016, 7, 24.	3.3	28
4	Generation of Fluorogen-Activating Designed Ankyrin Repeat Proteins (FADAs) as Versatile Sensor Tools. Journal of Molecular Biology, 2016, 428, 1272-1289.	2.0	22
5	Applying mass spectrometry to study nonâ€covalent biomolecule complexes. Mass Spectrometry Reviews, 2016, 35, 48-70.	2.8	74
6	Oligonucleotide aptamers: emerging affinity probes for bioanalytical mass spectrometry and biomarker discovery. Analytical Methods, 2015, 7, 7416-7430.	1.3	8
7	Influence of Ammonium Acetate Concentration on Receptor–Ligand Binding Affinities Measured by Native Nano ESI-MS: A Systematic Study. Analytical Chemistry, 2015, 87, 10378-10384.	3.2	43
8	Determination of thermodynamic and kinetic properties of biomolecules by mass spectrometry. Current Opinion in Biotechnology, 2015, 31, 65-72.	3.3	33
9	Post-Genomics Nanotechnology Is Gaining Momentum: Nanoproteomics and Applications in Life Sciences. OMICS A Journal of Integrative Biology, 2014, 18, 111-131.	1.0	25
10	DNAâ€Guided Metalâ€Nanoparticle Formation on Graphene Oxide Surface. Advanced Materials, 2013, 25, 2319-2325.	11.1	137
11	Direct access to aptamer–protein complexes via MALDI-MS. Chemical Science, 2013, 4, 4071.	3.7	14
12	Aptamer-Conjugated Multifunctional Nanoflowers as a Platform for Targeting, Capture, and Detection in Laser Desorption Ionization Mass Spectrometry. ACS Nano, 2013, 7, 417-427.	7.3	100
13	DNA Oligonucleotides: A Model System with Tunable Binding Strength to Study Monomer–Dimer Equilibria with Electrospray Ionization-Mass Spectrometry. Analytical Chemistry, 2013, 85, 11902-11912.	3.2	14
14	Enrichment and Detection of Rare Proteins with Aptamer-Conjugated Gold Nanorods. Analytical Chemistry, 2012, 84, 6008-6015.	3.2	76
15	A Logical Molecular Circuit for Programmable and Autonomous Regulation of Protein Activity Using DNA Aptamer–Protein Interactions. Journal of the American Chemical Society, 2012, 134, 20797-20804.	6.6	111
16	In Vitro Selection of DNA Aptamers to Glioblastoma Multiforme. ACS Chemical Neuroscience, 2011, 2, 175-181.	1.7	98
17	Aptamer-conjugated nanomaterials for bioanalysis and biotechnology applications. Nanoscale, 2011, 3, 546-556.	2.8	110
18	Aptamers: turning the spotlight on cells. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2011, 3, 328-340.	3.3	28

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#	Article	IF	CITATIONS
19	Laser Desorption Ionization Mass Spectrometry on Silicon Nanowell Arrays. Analytical Chemistry, 2010, 82, 7566-7575.	3.2	22
20	A Dual Platform for Selective Analyte Enrichment and Ionization in Mass Spectrometry Using Aptamer-Conjugated Graphene Oxide. Journal of the American Chemical Society, 2010, 132, 17408-17410.	6.6	192
21	Pyrene-Assisted Efficient Photolysis of Disulfide Bonds in DNA-Based Molecular Engineering. ACS Applied Materials & Interfaces, 2010, 2, 3601-3605.	4.0	18
22	Preconcentration and matrix elimination for the determination of Pb(II), Cd(II), Ni(II), and Co(II)by 8â€hydroxyquinoline anchored poly(styreneâ€divinylbenzene) microbeads. Journal of Applied Polymer Science, 2008, 107, 2714-2722.	1.3	16
23	Solid phase extraction of organochlorine pesticides with modified poly (styrene-divinylbenzene) microbeads using home-made solid phase extraction syringes. Reactive and Functional Polymers, 2008, 68, 580-593.	2.0	16