Hashem Etayash

List of Publications by Year
in descending order

24	846	516710 16	642732 23
papers	citations	h-index	g-index

25	25	25	1339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibiofilm and immunomodulatory resorbable nanofibrous filing for dental pulp regenerative procedures. Bioactive Materials, 2022, 16, 173-186.	15.6	13
2	Antimicrobial properties of spray-dried cellulose nanocrystals and metal oxide-based nanoparticles-in-microspheres. Chemical Engineering Journal Advances, 2022, 10, 100273.	5.2	14
3	Assessing biofilm inhibition and immunomodulatory activity of small amounts of synthetic host defense peptides synthesized using SPOT-array technology. Nature Protocols, 2021, 16, 1850-1870.	12.0	5
4	Host Defense Peptide-Mimicking Polymers and Polymeric-Brush-Tethered Host Defense Peptides: Recent Developments, Limitations, and Potential Success. Pharmaceutics, 2021, 13, 1820.	4.5	16
5	Multifunctional Antibioticâ€“Host Defense Peptide Conjugate Kills Bacteria, Eradicates Biofilms, and Modulates the Innate Immune Response. Journal of Medicinal Chemistry, 2021, 64, 16854-16863.	6.4	18
6	Reviewâ€”Nanomechanical Calorimetric Infrared Spectroscopy using Bi-Material Microfluidic Cantilevers. Journal of the Electrochemical Society, 2020, 167, 037504.	2.9	10
7	Cyclic Derivative of Host-Defense Peptide IDR-1018 Improves Proteolytic Stability, Suppresses Inflammation, and Enhances In Vivo Activity. Journal of Medicinal Chemistry, 2020, 63, 9228-9236.	6.4	39
8	Host Defense Peptide-Mimicking Amphiphilic Î²-Peptide Polymer (Bu:DM) Exhibiting Anti-Biofilm, Immunomodulatory, and in Vivo Anti-Infective Activity. Journal of Medicinal Chemistry, 2020, 63, 12921-12928.	6.4	25
9	Portable Nanofiber-Light Addressable Potentiometric Sensor for Rapid Escherichia coli Detection in Orange Juice. ACS Sensors, 2018, 3, 815-822.	7.8	69
10	Modified cantilever arrays improve sensitivity and reproducibility of nanomechanical sensing in living cells. Communications Biology, 2018, 1, 175.	4.4	11
11	Breast Cancer Targeting Peptide Binds Keratin 1: A New Molecular Marker for Targeted Drug Delivery to Breast Cancer. Molecular Pharmaceutics, 2017, 14, 593-604.	4.6	48
12	Metabolic Study of Cancer Cells Using a pH Sensitive Hydrogel Nanofiber Light Addressable Potentiometric Sensor. ACS Sensors, 2017, 2, 151-156.	7.8	63
13	Proteolytically Stable Cyclic Decapeptide for Breast Cancer Cell Targeting. Journal of Medicinal Chemistry, 2017, 60, 4893-4903.	6.4	17
14	Bacterial Detection Using Peptide-Based Platform and Impedance Spectroscopy. Methods in Molecular Biology, 2017, 1572, 113-124.	0.9	1
15	Microfluidic cantilever detects bacteria and measures their susceptibility to antibiotics in small confined volumes. Nature Communications, 2016, 7, 12947.	12.8	134
16	The detection of Escherichia coli (E. coli) with the pH sensitive hydrogel nanofiber-light addressable potentiometric sensor (NF-LAPS). Sensors and Actuators B: Chemical, 2016, 226, 176-183.	7.8	64
17	Label-Free Rapid Detection of Pathogens with Antimicrobial Peptide Assisted Impedance Spectrometry. Materials Research Society Symposia Proceedings, 2015, 1793, 13-18.	0.1	0
18	Real-time Detection of Breast Cancer Cells Using Peptide-functionalized Microcantilever Arrays. Scientific Reports, 2015, 5, 13967.	3.3	72

#	Article	IF	Citations
19	Rapid label-free detection of E. coli using antimicrobial peptide assisted impedance spectroscopy. Analytical Methods, 2015, 7, 9744-9748.	2.7	20
20	Peptide Bacteriocins - Structure Activity Relationships. Current Topics in Medicinal Chemistry, 2015, 16, 220-241.	2.1	25
21	Impedimetric Detection of Pathogenic Gram-Positive Bacteria Using an Antimicrobial Peptide from Class IIa Bacteriocins. Analytical Chemistry, 2014, 86, 1693-1700.	6.5	90
22	Surface-Conjugated Antimicrobial Peptide Leucocin A Displays High Binding to Pathogenic Gram-Positive Bacteria. ACS Applied Materials & Interfaces, 2014, 6, 1131-1138.	8.0	43
23	Design, synthesis and evaluation of antimicrobial activity of N-terminal modified Leucocin A analogues. Bioorganic and Medicinal Chemistry, 2013, 21, 3715-3722.	3.0	18
24	Peptide-Bacteria Interactions using Engineered Surface-Immobilized Peptides from Class IIa Bacteriocins. Langmuir, 2013, 29, 4048-4056.	3.5	31