

# Amos Bardea

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,297  
citations

687363

13  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	NAD <sup>+</sup> -Dependent Enzyme Electrodes: Electrical Contact of Cofactor-Dependent Enzymes and Electrodes. <i>Journal of the American Chemical Society</i> , 1997, 119, 9114-9119.	13.7	189
2	Enzyme-Linked Amplified Electrochemical Sensing of Oligonucleotide-DNA Interactions by Means of the Precipitation of an Insoluble Product and Using Impedance Spectroscopy. <i>Langmuir</i> , 1999, 15, 3703-3706.	3.5	189
3	Neuroprotective strategy for Alzheimer disease: intranasal administration of a fatty neuropeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 427-432.	7.1	172
4	Sensing and amplification of oligonucleotide-DNA interactions by means of impedance spectroscopy: a route to a Taylor-Sachs sensor. <i>Chemical Communications</i> , 1999, , 21-22.	4.1	168
5	Chronopotentiometry and Faradaic impedance spectroscopy as signal transduction methods for the biocatalytic precipitation of an insoluble product on electrode supports: routes for enzyme sensors, immunosensors and DNA sensors. <i>Biosensors and Bioelectronics</i> , 2001, 16, 675-687.	10.1	140
6	Probing Antigen-Antibody Interactions on Electrode Supports by the Biocatalyzed Precipitation of an Insoluble Product. <i>Electroanalysis</i> , 2000, 12, 1097-1106.	2.9	82
7	Amplified microgravimetric quartz-crystal-microbalance analyses of oligonucleotide complexes: a route to a Taylor-Sachs biosensor device. <i>Chemical Communications</i> , 1998, , 839-840.	4.1	63
8	Fully integrated biocatalytic electrodes based on bioaffinity interactions   This paper was a finalist for the Biosensors & Bioelectronics Award for the most original contribution to the Congress.1. <i>Biosensors and Bioelectronics</i> , 1998, 13, 741-756.	10.1	61
9	Protection against developmental retardation in apolipoprotein E-deficient mice by a fatty neuropeptide: Implications for early treatment of Alzheimer's disease. , 1997, 33, 329-342.		59
10	Amplified electronic transduction of oligonucleotide interactions: novel routes for Taylor-Sachs biosensors. <i>Analytica Chimica Acta</i> , 1999, 385, 33-43.	5.4	35
11	Patterning Gradient Properties from Sub-Micrometers to Millimeters by Magnetolithography. <i>Nano Letters</i> , 2010, 10, 2262-2267.	9.1	23
12	Neuropeptides and Neuronal Survival: Neuroprotective Strategy for Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 1997, 814, 161-166.	3.8	22
13	Magnetolithography: From Bottom-Up Route to High Throughput. <i>Small</i> , 2009, 5, 316-319.	10.0	20
14	Magnetolithographic Patterning of Inner Walls of a Tube: A New Dimension in Microfluidics and Sequential Microreactors. <i>Journal of the American Chemical Society</i> , 2009, 131, 18260-18262.	13.7	20
15	Protection against developmental deficiencies by a lipophilic VIP analogue. <i>Neurochemical Research</i> , 1998, 23, 689-693.	3.3	12
16	Biosensors with Amperometric Detection of Enzymatically Controlled pH-Changes. <i>Electroanalysis</i> , 2000, 12, 731-735.	2.9	11
17	Submicrometer Chemical Patterning with High Throughput Using Magnetolithography. <i>Langmuir</i> , 2009, 25, 5451-5454.	3.5	8
18	Sensitive Detection and Identification of DNA and RNA Using a Patterned Capillary Tube. <i>Analytical Chemistry</i> , 2011, 83, 9418-9423.	6.5	6

#	ARTICLE	IF	CITATIONS
19	Development of VIP Agonists and Antagonists with Tissue and Receptor Specificity: Effects on Behavioral Maturation, Sexual Function, and the Biologic Clock. <i>Annals of the New York Academy of Sciences</i> , 2006, 805, 159-169.	3.8	4
20	Magnetolithography. <i>Advances in Imaging and Electron Physics</i> , 2010, 164, 1-27.	0.2	3
21	Magneto-Lithography, a Simple and Inexpensive Method for High Throughput, Surface Patterning. <i>IEEE Nanotechnology Magazine</i> , 2017, 16, 439-444.	2.0	3
22	Reductive Dechlorination of Chloroacetamides with NaBH <sub>4</sub> Catalyzed by Zero Valent Iron, ZVI, Nanoparticles in ORMOSIL Matrices Prepared via the Sol-Gel Route. <i>Catalysts</i> , 2020, 10, 986.	3.5	3
23	Fabrication of polymeric photonic structures using dip-pen nanolithography. <i>Journal of Micro/Nanolithography, MEMS, and MOEMS</i> , 2020, 19, 1.	0.9	3
24	Magneto-lithography, a simple and inexpensive method for high-throughput, surface patterning. , 2016, , .		1
25	Novel Approach of Backside Lithography Using Dynamic Magnetic Mask. , 2018, , .		0
26	Preventive Treatment of Alzheimer's Disease. <i>Advances in Behavioral Biology</i> , 1998, , 635-642.	0.2	0