Jeffrey Borenstein

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers9,519
citations39
h-index97
g-index148
ext. papers10,384
ext. citations7
avg, IF5.96
L-index

#	Paper	IF	Citations
134	Design and construction of three-dimensional physiologically-based vascular branching networks for respiratory assist devices. <i>Lab on A Chip</i> , 2021 , 21, 4637-4651	7.2	2
133	A high gas transfer efficiency microfluidic oxygenator for extracorporeal respiratory assist applications in critical care medicine. <i>Artificial Organs</i> , 2021 , 45, E247-E264	2.6	4
132	3D Printed Monolithic Device for the Microfluidic Capture, Perfusion, and Analysis of Multicellular Spheroids <i>Frontiers in Medical Technology</i> , 2021 , 3, 646441	1.9	1
131	A high-throughput microfluidic bilayer co-culture platform to study endothelial-pericyte interactions. <i>Scientific Reports</i> , 2021 , 11, 12225	4.9	3
130	Toward Development of a Higher Flow Rate Hemocompatible Biomimetic Microfluidic Blood Oxygenator. <i>Micromachines</i> , 2021 , 12,	3.3	1
129	Tunable plant-based materials via in vitro cell culture using a Zinnia elegans model. <i>Journal of Cleaner Production</i> , 2021 , 288, 125571	10.3	6
128	High-throughput human primary cell-based airway model for evaluating influenza, coronavirus, or other respiratory viruses in vitro. <i>Scientific Reports</i> , 2021 , 11, 14961	4.9	9
127	Modeling Immune Checkpoint Inhibitor Efficacy in Syngeneic Mouse Tumors in an Ex Vivo Immuno-Oncology Dynamic Environment. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
126	Microfluidic Model for Evaluation of Immune Checkpoint Inhibitors in Human Tumors. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900289	10.1	14
125	A Microfluidic Device to Enhance Viral Transduction Efficiency During Manufacture of Engineered Cellular Therapies. <i>Scientific Reports</i> , 2019 , 9, 15101	4.9	8
124	A high-throughput system to probe and direct biological functions driven by complex hemodynamic environments 2019 , 297-322		
123	Intracochlear drug delivery: Fluorescent tracer evaluation for quantification of distribution in the cochlear partition. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 126, 49-58	5.1	1
122	A fluorescence-based imaging approach to pharmacokinetic analysis of intracochlear drug delivery. Hearing Research, 2018 , 368, 41-48	3.9	3
121	Microfluidic Cell Culture Platforms to Capture Hepatic Physiology and Complex Cellular Interactions. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 1638-1646	4	21
120	Monolithic, 3D-Printed Microfluidic Platform for Recapitulation of Dynamic Tumor Microenvironments. <i>Journal of Microelectromechanical Systems</i> , 2018 , 27, 1009-1022	2.5	22
119	A multiplexed microfluidic system for evaluation of dynamics of immune-tumor interactions. <i>Lab on A Chip</i> , 2018 , 18, 1844-1858	7.2	51
118	A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle. <i>Nature Communications</i> , 2017 , 8, 14584	17.4	231

(2013-2017)

117	Mixed Reversible Covalent Crosslink Kinetics Enable Precise, Hierarchical Mechanical Tuning of Hydrogel Networks. <i>Advanced Materials</i> , 2017 , 29, 1605947	24	83
116	Organs-on-Chips: How Microsystems Technology Can Transform the Drug Development Process. <i>IEEE Pulse</i> , 2016 , 7, 22-6	0.7	6
115	Microfabricated reciprocating micropump for intracochlear drug delivery with integrated drug/fluid storage and electronically controlled dosing. <i>Lab on A Chip</i> , 2016 , 16, 829-46	7.2	39
114	Glucocorticoid Clearance and Metabolite Profiling in an In Vitro Human Airway Epithelium Lung Model. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 220-6	4	5
113	A portable and reconfigurable multi-organ platform for drug development with onboard microfluidic flow control. <i>Lab on A Chip</i> , 2016 , 17, 134-144	7.2	70
112	Development of a biomimetic microfluidic oxygen transfer device. <i>Lab on A Chip</i> , 2016 , 16, 3227-34	7.2	22
111	A bilayer small diameter vascular model for evaluation of drug induced vascular injury. <i>Biomicrofluidics</i> , 2016 , 10, 054116	3.2	2
110	Microfabricated infuse-withdraw micropump component for an integrated inner-ear drug-delivery platform. <i>Biomedical Microdevices</i> , 2015 , 17, 37	3.7	18
109	Comprehensive evaluation of poly(I:C) induced inflammatory response in an airway epithelial model. <i>Physiological Reports</i> , 2015 , 3, e12334	2.6	28
108	The role of intracochlear drug delivery devices in the management of inner ear disease. <i>Expert Opinion on Drug Delivery</i> , 2015 , 12, 465-79	8	21
107	A microfluidic reciprocating intracochlear drug delivery system with reservoir and active dose control. <i>Lab on A Chip</i> , 2014 , 14, 710-21	7.2	24
106	A microphysiological system model of therapy for liver micrometastases. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1170-9	3.7	45
105	Approaches to in vitro tissue regeneration with application for human disease modeling and drug development. <i>Drug Discovery Today</i> , 2014 , 19, 754-62	8.8	33
104	Microfabrication Techniques in Scaffold Development 2014 , 103-142		2
103	Combined surface micropatterning and reactive chemistry maximizes tissue adhesion with minimal inflammation. <i>Advanced Healthcare Materials</i> , 2014 , 3, 565-71	10.1	15
102	Topographically-patterned porous membranes in a microfluidic device as an in vitro model of renal reabsorptive barriers. <i>Lab on A Chip</i> , 2013 , 13, 2311-9	7.2	42
101	Fully biodegradable airway stents using amino alcohol-based poly(ester amide) elastomers. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1329-36	10.1	15
100	Transport Models for Three-Dimensional Cell Culture Systems 2013 , 137-172		

99	All-human microphysical model of metastasis therapy. <i>Stem Cell Research and Therapy</i> , 2013 , 4 Suppl 1, S11	8.3	23
98	Polybetaine modification of PDMS microfluidic devices to resist thrombus formation in whole blood. <i>Lab on A Chip</i> , 2013 , 13, 1963-8	7.2	33
97	. IEEE Transactions on Nanobioscience, 2012 , 11, 1-2	3.4	2
96	Microsystems technologies for drug delivery to the inner ear. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 1650-60	18.5	39
95	Performance and scaling effects in a multilayer microfluidic extracorporeal lung oxygenation device. <i>Lab on A Chip</i> , 2012 , 12, 1686-95	7.2	47
94	Evaluation of tissue interactions with mechanical elements of a transscleral drug delivery device. <i>Pharmaceutics</i> , 2012 , 4, 212-29	6.4	2
93	Fabrication of a hybrid microfluidic system incorporating both lithographically patterned microchannels and a 3D fiber-formed microfluidic network. <i>Advanced Healthcare Materials</i> , 2012 , 1, 164	- 7 0.1	27
92	Hybrid Microfluidic Systems: Fabrication of a Hybrid Microfluidic System Incorporating both Lithographically Patterned Microchannels and a 3D Fiber-Formed Microfluidic Network (Adv. Healthcare Mater. 2/2012). <i>Advanced Healthcare Materials</i> , 2012 , 1, 134-134	10.1	
91	A nanofiber membrane maintains the quiescent phenotype of hepatic stellate cells. <i>Digestive Diseases and Sciences</i> , 2012 , 57, 1152-62	4	4
90	Gecko-Inspired Tape-Based Adhesives 2012 , 195-223		
90	Gecko-Inspired Tape-Based Adhesives 2012 , 195-223 Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34	0.7	10
		,	
89	Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34	11.7	
89 88	Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34 Kinetics of reciprocating drug delivery to the inner ear. <i>Journal of Controlled Release</i> , 2011 , 152, 270-7	11.7	21
89 88 87	Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34 Kinetics of reciprocating drug delivery to the inner ear. <i>Journal of Controlled Release</i> , 2011 , 152, 270-7 Microfluidic cell culture models for tissue engineering. <i>Current Opinion in Biotechnology</i> , 2011 , 22, 681-9 A microfluidic respiratory assist device with high gas permeance for artificial lung applications.	11.7 911.4	21
89 88 87 86	Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34 Kinetics of reciprocating drug delivery to the inner ear. <i>Journal of Controlled Release</i> , 2011 , 152, 270-7 Microfluidic cell culture models for tissue engineering. <i>Current Opinion in Biotechnology</i> , 2011 , 22, 681-9 A microfluidic respiratory assist device with high gas permeance for artificial lung applications. <i>Biomedical Microdevices</i> , 2011 , 13, 315-23	11.7 911.4 3.7	2112165
89 88 87 86	Engineering tissue with BioMEMS. <i>IEEE Pulse</i> , 2011 , 2, 28-34 Kinetics of reciprocating drug delivery to the inner ear. <i>Journal of Controlled Release</i> , 2011 , 152, 270-7 Microfluidic cell culture models for tissue engineering. <i>Current Opinion in Biotechnology</i> , 2011 , 22, 681-9 A microfluidic respiratory assist device with high gas permeance for artificial lung applications. <i>Biomedical Microdevices</i> , 2011 , 13, 315-23 Intracochlear drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2011 , 8, 1161-74 Transport and shear in a microfluidic membrane bilayer device for cell culture. <i>Biomicrofluidics</i> ,	11.7 911.4 3.7 8	211216533

81	Membrane-integrated microfluidic device for high-resolution live cell imaging. <i>Biomicrofluidics</i> , 2011 , 5, 46501-465016	3.2	21	
80	Tissue Equivalents Based on Cell-Seeded Biodegradable Microfluidic Constructs. <i>Materials</i> , 2010 , 3, 183	33 , .1 , 84	4 12	
79	Drug delivery for treatment of inner ear disease: current state of knowledge. <i>Ear and Hearing</i> , 2010 , 31, 156-65	3.4	118	
78	Biodegradable microfluidic scaffolds for tissue engineering from amino alcohol-based poly(ester amide) elastomers. <i>Organogenesis</i> , 2010 , 6, 212-6	1.7	41	
77	Biomaterials-based microfluidics for engineered tissue constructs. <i>Soft Matter</i> , 2010 , 6, 4999	3.6	38	
76	Liver-assist device with a microfluidics-based vascular bed in an animal model. <i>Annals of Surgery</i> , 2010 , 252, 351-7	7.8	25	
75	Functional endothelialized microvascular networks with circular cross-sections in a tissue culture substrate. <i>Biomedical Microdevices</i> , 2010 , 12, 71-9	3.7	96	
74	Branched vascular network architecture: a new approach to lung assist device technology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 990-5	1.5	34	
73	Nanofabricated collagen-inspired synthetic elastomers for primary rat hepatocyte culture. <i>Tissue Engineering - Part A</i> , 2009 , 15, 1321-9	3.9	22	
72	Elastic Averaging for Assembly of Three-Dimensional Constructs From Elastomeric Micromolded Layers. <i>Journal of Microelectromechanical Systems</i> , 2009 , 18, 531-538	2.5	4	
71	Development of a microfluidics-based intracochlear drug delivery device. <i>Audiology and Neuro-Otology</i> , 2009 , 14, 411-22	2.2	36	
70	Mastoid cavity dimensions and shape: method of measurement and virtual fitting of implantable devices. <i>Audiology and Neuro-Otology</i> , 2009 , 14, 308-14	2.2	14	
69	In vitro and in vivo degradation of poly(1,3-diamino-2-hydroxypropane-co-polyol sebacate) elastomers. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 91, 1077-88	5.4	28	
68	MRI contrast using solid-state, B1-distorting, microelectromechanical systems (MEMS) microresonant devices (MRDs). <i>Magnetic Resonance in Medicine</i> , 2009 , 61, 860-6	4.4	4	
67	Engineering substrate topography at the micro- and nanoscale to control cell function. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5406-15	16.4	991	
66	Local drug delivery with a self-contained, programmable, microfluidic system. <i>Biomedical Microdevices</i> , 2009 , 11, 571-8	3.7	39	
65	Biocompatibility of biodegradable semiconducting melanin films for nerve tissue engineering. <i>Biomaterials</i> , 2009 , 30, 3050-7	15.6	278	
64	Fabrication Methods and Performance of Low-Permeability Microfluidic Components for a Miniaturized Wearable Drug Delivery System. <i>Journal of Microelectromechanical Systems</i> , 2009 , 18, 501	-5°15	27	

63	Rapid generation of spatially and temporally controllable long-range concentration gradients in a microfluidic device. <i>Lab on A Chip</i> , 2009 , 9, 761-7	7.2	77
62	Pulmonary tissue engineering using dual-compartment polymer scaffolds with integrated vascular tree. International Journal of Artificial Organs, 2009, 32, 701-10	1.9	24
61	Accordion-like honeycombs for tissue engineering of cardiac anisotropy. <i>Nature Materials</i> , 2008 , 7, 100	3-21 / 0	672
60	BioMEMS Technologies for Regenerative Medicine. <i>Materials Research Society Symposia Proceedings</i> , 2008 , 1139, 1		3
59	A micromachined surface stress sensor with electronic readout. <i>Review of Scientific Instruments</i> , 2008 , 79, 015106	1.7	1
58	A biodegradable and biocompatible gecko-inspired tissue adhesive. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2307-12	11.5	417
57	Amino alcohol-based degradable poly(ester amide) elastomers. <i>Biomaterials</i> , 2008 , 29, 2315-25	15.6	134
56	In vitro analysis of a hepatic device with intrinsic microvascular-based channels. <i>Biomedical Microdevices</i> , 2008 , 10, 795-805	3.7	138
55	Enhancement of In Vitro Capillary Tube Formation by Substrate Nanotopography. <i>Advanced Materials</i> , 2008 , 20, 99-103	24	151
54	Inner ear drug delivery for auditory applications. Advanced Drug Delivery Reviews, 2008, 60, 1583-99	18.5	145
53	Microfabrication Techniques in Scaffold Development 2008 , 87-119		2
52	Controlling size, shape and homogeneity of embryoid bodies using poly(ethylene glycol) microwells. <i>Lab on A Chip</i> , 2007 , 7, 786-94	7.2	323
51	Silk Fibroin Microfluidic Devices. <i>Advanced Materials</i> , 2007 , 19, 2847-2850	24	158
50	The effect of actin disrupting agents on contact guidance of human embryonic stem cells. <i>Biomaterials</i> , 2007 , 28, 4068-77	15.6	190
49	Neutron irradiation-induced dimensional changes in MEMS glass substrates. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 264, 66-72	1.2	6
48	Micro- and Nanofabricated Scaffolds 2007 , 341-358		4
47	Microfabrication of three-dimensional engineered scaffolds. <i>Tissue Engineering</i> , 2007 , 13, 1837-44		150
46	Micromachined silicon plates for sensing molecular interactions. <i>Applied Physics Letters</i> , 2006 , 89, 1731	 2 3 .4	19

(2001-2006)

45	Interplay of biomaterials and micro-scale technologies for advancing biomedical applications. Journal of Biomaterials Science, Polymer Edition, 2006 , 17, 1221-40	3.5	35
44	Microscale technologies for tissue engineering and biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2480-7	11.5	1304
43	Microfabrication of poly (glycerol-sebacate) for contact guidance applications. <i>Biomaterials</i> , 2006 , 27, 2558-65	15.6	193
42	Endothelialized Networks with a Vascular Geometry in Microfabricated Poly(dimethyl siloxane), Biomedical Microdevices 6:4, 269278, 2004. <i>Biomedical Microdevices</i> , 2006 , 8, 271-271	3.7	4
41	Tissue Engineering: Multiscaled Representation of Tissue Architecture and Function 2006, 737-761		
40	Three-Dimensional Microfluidic Tissue-Engineering Scaffolds Using a Flexible Biodegradable Polymer. <i>Advanced Materials</i> , 2005 , 18, 165-169	24	236
39	Cell docking inside microwells within reversibly sealed microfluidic channels for fabricating multiphenotype cell arrays. <i>Lab on A Chip</i> , 2005 , 5, 1380-6	7.2	200
38	Endothelialized microvasculature based on a biodegradable elastomer. <i>Tissue Engineering</i> , 2005 , 11, 302-9		280
37	Fluid flow analysis in microfluidic devices by spectral-domain optical Doppler tomography 2005 , 5692, 174		
36	Inner ear drug delivery via a reciprocating perfusion system in the guinea pig. Journal of Controlled		
	Release, 2005 , 110, 1-19	11.7	66
35	Release, 2005 , 110, 1-19 Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35	11.7	1
	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. Materials Research Society	3.7	
35	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35 Endothelialized networks with a vascular geometry in microfabricated poly(dimethyl siloxane).		1
35	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35 Endothelialized networks with a vascular geometry in microfabricated poly(dimethyl siloxane). <i>Biomedical Microdevices</i> , 2004 , 6, 269-78	3.7	1
35 34 33	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35 Endothelialized networks with a vascular geometry in microfabricated poly(dimethyl siloxane). <i>Biomedical Microdevices</i> , 2004 , 6, 269-78 Biodegradable Microfluidics. <i>Advanced Materials</i> , 2004 , 16, 2007-2012 The generation of functionally differentiated, three-dimensional hepatic tissue from two-dimensional sheets of progenitor small hepatocytes and nonparenchymal cells.	3·7 24 1.8	1 179 145
35 34 33 32	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35 Endothelialized networks with a vascular geometry in microfabricated poly(dimethyl siloxane). <i>Biomedical Microdevices</i> , 2004 , 6, 269-78 Biodegradable Microfluidics. <i>Advanced Materials</i> , 2004 , 16, 2007-2012 The generation of functionally differentiated, three-dimensional hepatic tissue from two-dimensional sheets of progenitor small hepatocytes and nonparenchymal cells. <i>Transplantation</i> , 2004 , 77, 1783-9	3·7 24 1.8	1 179 145 24
35 34 33 32 31	Biodegradable Microfluidic Scaffolds for Vascular Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 845, 35 Endothelialized networks with a vascular geometry in microfabricated poly(dimethyl siloxane). <i>Biomedical Microdevices</i> , 2004 , 6, 269-78 Biodegradable Microfluidics. <i>Advanced Materials</i> , 2004 , 16, 2007-2012 The generation of functionally differentiated, three-dimensional hepatic tissue from two-dimensional sheets of progenitor small hepatocytes and nonparenchymal cells. <i>Transplantation</i> , 2004 , 77, 1783-9 Microfabrication Technology for Vascularized Tissue Engineering. <i>Biomedical Microdevices</i> , 2002 , 4, 167 Defect-Induced Shifts in the Elastic Constants of Silicon. <i>Materials Research Society Symposia</i>	3·7 24 1.8	1 179 145 24

Capillary Formation In Microfabricated Polymer Scaffolds. *Materials Research Society Symposia Proceedings*, **2001**, 711, 1

26	Microfluidics for Tissue Engineering Microvasculature: Endothelial Cell Culture 2001 , 247-249		5
25	Silicon micromachining to tissue engineer branched vascular channels for liver fabrication. <i>Tissue Engineering</i> , 2000 , 6, 105-17		277
24	Characterization of bending in single crystal Si beams and resonators. <i>Journal of Vacuum Science</i> & <i>Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1999 , 17, 1336		5
23	Etch Selectivity of Novel Epitaxial Layers for Bulk Micromachining. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 546, 69		2
22	Yield enhancement in micromechanical sensor fabrication using statistical process control 1997 , 3223, 276		2
21	Structural Characterization of P++ Si:B Layers for Bulk Micromachining. <i>Materials Research Society Symposia Proceedings</i> , 1996 , 444, 197		3
20	Influence of ion-implanted titanium on the performance of edge-defined, film-fed grown silicon solar cells. <i>Applied Physics Letters</i> , 1993 , 62, 1615-1616	-4	11
19	Kinetic model for hydrogen reactions in boron-doped silicon. <i>Journal of Applied Physics</i> , 1993 , 73, 2751-2 7 .	. 5 4	34
18	Effect of Multiple Trapping on Hydrogen Diffusion in Silicon. <i>Materials Science Forum</i> , 1992 , 83-87, 51-560.	·4	1
17	Exponential diffusion profile for impurity trapping at an unsaturable trap. <i>Physical Review B</i> , 1990 , 42, 11881-11883	.3	14
16	Deep levels in edge-defined, film-fed grown silicon solar cells. <i>Applied Physics Letters</i> , 1990 , 56, 2222-2224	1 4	3
15	Hydrogen Diffusion and Complex Formation in Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1989 , 163, 633		6
14	Stage-specific behavioral, cognitive, and in vivo changes in community residing subjects with age-associated memory impairment and primary degenerative dementia of the Alzheimer type. 5. Drug Development Research, 1988, 15, 101-114	.1	108
13	Influence of Dopant type and Concentration on Hydrogen Diffusion in Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1988 , 138, 209		5
12	Depletion of interstitial oxygen in silicon and the thermal donor model. <i>Journal of Applied Physics</i> , 1987 , 62, 1287-1289	.5	4
11	Unified model for the thermal donor energy spectra In silicon and germanium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics,</i> 1986, 115, 55-58	.3	5
10	On the kinetics of thermal donor formation in silicon. <i>Journal of Materials Research</i> , 1986 , 1, 527-536 2.	.5	20

LIST OF PUBLICATIONS

9	Perturbation model for the thermal-donor energy spectrum in silicon. <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, 2893-2906		11
8	The new shallow thermal donor series in silicon. <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, L579-L5	84	12
7	. Journal of Physics C: Solid State Physics, 1986 , 19, L627-L630		2
6	Quenched-in defects in flashlamp-annealed silicon. <i>Applied Physics Letters</i> , 1986 , 49, 199-200 3.	4	23
5	Age-associated memory impairment: The clinical syndrome. <i>Developmental Neuropsychology</i> , 1986 , 2, 401-412	.8	25
4	Longitudinal course of normal aging and progressive dementia of the Alzheimer\$ type: a prospective study of 106 subjects over a 3.6 year mean interval. <i>Progress in</i> 5. Neuro-Psychopharmacology and Biological Psychiatry, 1986 , 10, 571-8	.5	50
3	A Unified Treatment of The Thermal Donor Hierarchies in Silicon and Germanium*. <i>Materials Research Society Symposia Proceedings</i> , 1985 , 59, 159		
2	Formation Kinetics of Thermal Donors in Silicon*. <i>Materials Research Society Symposia Proceedings</i> , 1985 , 59, 173		1
1	Semi-Empirical Tight Binding Calculations for the Energy Bands of the Diamond and Zincblende Type Semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1984 , 122, 661-667	3	14