BegoÃ‘a Calvo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2256963/publications.pdf

Version: 2024-02-01

147 papers	4,367 citations	109264 35 h-index	128225 60 g-index
148 all docs	148 docs citations	148 times ranked	3259 citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the microbial inactivation uniformity of pulsed electric field ohmic heating treatments of solid products. LWT - Food Science and Technology, 2022, 154, 112709.	2.5	7
2	Automated segmentation of the ciliary muscle in OCT images using fully convolutional networks. Biomedical Optics Express, 2022, 13, 2810.	1.5	6
3	A Combined Experimental-Numerical Investigation of the Thermal Efficiency of the Vessel in Domestic Induction Systems. Mathematics, 2022, 10, 802.	1.1	1
4	Muscular and Tendon Degeneration after Achilles Rupture: New Insights into Future Repair Strategies. Biomedicines, 2022, 10, 19.	1.4	4
5	Predicting the biomechanical stability of IOLs inside the postcataract capsular bag with a finite element model. Computer Methods and Programs in Biomedicine, 2022, 221, 106868.	2.6	2
6	Effect of haptic geometry in C-loop intraocular lenses on optical quality. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 114, 104165.	1.5	7
7	Modeling domestic pancake cooking incorporating the rheological properties of the batter. Application to seven batter recipes. Journal of Food Engineering, 2021, 291, 110261.	2.7	3
8	Simulating Extraocular Muscle Dynamics. A Comparison between Dynamic Implicit and Explicit Finite Element Methods. Mathematics, 2021, 9, 1024.	1.1	2
9	A numerical investigation of changes in lens shape during accommodation. Scientific Reports, 2021, 11, 9639.	1.6	9
10	Development and validation of a computational model for steak double-sided pan cooking. Journal of Food Engineering, 2021, 298, 110498.	2.7	8
11	Color changes in beef meat during pan cooking: kinetics, modeling and application to predict turn over time. European Food Research and Technology, 2021, 247, 2751-2764.	1.6	5
12	A validated finite element model to reproduce Helmholtzâ€™s theory of accommodation: a powerful tool to investigate presbyopia. Ophthalmic and Physiological Optics, 2021, 41, 1241-1253.	1.0	14
13	Experimental evaluation of the injection force exerted in intraocular lens delivery with syringe-type injectors. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104793.	1.5	7
14	Mechanical characterisation of hydrophobic and hydrophilic acrylates used in intraocular lenses through depth sensing indentation. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 126, 104997.	1.5	3
15	Systematic Study on the Biomechanical Stability of C-Loop Intraocular Lenses: Approach to an Optimal Design of the Haptics. Annals of Biomedical Engineering, 2020, 48, 1127-1136.	1.3	12
16	Customised Selection of the Haptic Design in C-Loop Intraocular Lenses Based on Deep Learning. Annals of Biomedical Engineering, 2020, 48, 2988-3002.	1.3	7
17	Experimental and computational analysis of microbial inactivation in a solid by ohmic heating using pulsed electric fields. Innovative Food Science and Emerging Technologies, 2020, 65, 102440.	2.7	9
18	Thermal analysis of a cooking pan with a power control induction system. Applied Thermal Engineering, 2020, 180, 115789.	3.0	14

#	Article	IF	Citations
19	Corneal Biomechanics After Intrastromal Ring Surgery: Optomechanical In Silico Assessment. Translational Vision Science and Technology, 2020, 9, 26.	1.1	12
20	Long term comparative evaluation of two types of absorbable meshes in partial abdominal wall defects: an experimental study in rabbits. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2020, 24, 1159-1173.	0.9	4
21	Biomechanical Stability of Three Intraocular Lenses With Different Haptic Designs: In Silico and In Vivo Evaluation. Journal of Refractive Surgery, 2020, 36, 617-624.	1.1	6
22	A quantitative method for the detection of muscle functional active and passive behavior recovery in models of damage-regeneration. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 1594-1603.	0.7	0
23	Assessing the role of Ca2+ in skeletal muscle fatigue using a multi-scale continuum model. Journal of Theoretical Biology, 2019, 461, 76-83.	0.8	5
24	Use of 2% hydroxypropyl methylcellulose to prevent the corneal swelling during the inÂvitro mechanical characterization. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 809-816.	0.7	0
25	Mechanical behavior of surgical meshes for abdominal wall repair: In vivo versus biaxial characterization. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 82, 102-111.	1.5	9
26	Template-based methodology for the simulation of intracorneal segment ring implantation in human corneas. Biomechanics and Modeling in Mechanobiology, 2018, 17, 923-938.	1.4	20
27	Effect of Cryopreserved Amniotic Membrane on the Mechanical Properties of Skeletal Muscle after Strabismus Surgery in Rabbits. Current Eye Research, 2018, 43, 193-199.	0.7	1
28	Fluidâ€“structure simulation of a general non-contact tonometry. A required complexity?. Computer Methods in Applied Mechanics and Engineering, 2018, 340, 202-215.	3.4	13
29	Influence of material and haptic design on the mechanical stability of intraocular lenses by means of finite-element modeling. Journal of Biomedical Optics, 2018, 23, 1.	1.4	10
30	Towards the mechanical characterization of abdominal wall by inverse analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 66, 127-137.	1.5	14
31	A holistic view of the effects of episiotomy on pelvic floor. International Journal for Numerical Methods in Biomedical Engineering, 2017, 33, e2892.	1.0	5
32	A predictive tool for determining patient-specific mechanical properties of human corneal tissue. Computer Methods in Applied Mechanics and Engineering, 2017, 317, 226-247.	3.4	25
33	In-vitro development of an effective treatment for Acanthamoeba keratitis. International Journal of Antimicrobial Agents, 2017, 50, 325-333.	1.1	24
34	Biomechanical and histologic evaluation of two application forms of surgical glue for mesh fixation to the abdominal wall. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 75, 434-441.	1.5	4
35	Modal Space: A Physics-Based Model for Sequential Estimation of Time-Varying Shape from Monocular Video. Journal of Mathematical Imaging and Vision, 2017, 57, 75-98.	0.8	16
36	The management of episiotomy technique and its effect on pelvic floor muscles during a malposition childbirth. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 1249-1259.	0.9	10

#	Article	IF	Citations
37	A numerical-experimental protocol to characterize corneal tissue with an application to predict astigmatic keratotomy surgery. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 304-314.	1.5	16
38	Human Abdomen. , 2017, , 267-285.		2
39	Simulation of Mechanical Force in Skeletal Muscle According to the Intracellular Ca²+ Concentration Level. , 2017, , .		0
40	A Rabbit Model of Acanthamoeba Keratitis: Use of Infected Soft Contact Lenses After Corneal Epithelium Debridement With a Diamond Burr. , 2017, 58, 1218.		11
41	Why Non-contact Tonometry Tests Cannot Evaluate the Effects of Corneal Collagen Cross-linking. Journal of Refractive Surgery, 2017, 33, 184-192.	1.1	8
42	Why Indentation Cannot Be Considered Exactly Equivalent to Non-contact Tonometry. Journal of Refractive Surgery, 2017, 33, 496-496.	1.1	0
43	Computational Simulation of Scleral Buckling Surgery for Rhegmatogenous Retinal Detachment: On the Effect of the Band Size on the Myopization. Journal of Ophthalmology, 2016, 2016, 1-10.	0.6	8
44	A biomechanical analysis on the impact of episiotomy during childbirth. Biomechanics and Modeling in Mechanobiology, 2016, 15, 1523-1534.	1.4	31
45	Biaxial Mechanical Evaluation of Absorbable and Nonabsorbable Synthetic Surgical Meshes Used for Hernia Repair: Physiological Loads Modify Anisotropy Response. Annals of Biomedical Engineering, 2016, 44, 2181-2188.	1.3	16
46	Prostheses size dependency of the mechanical response of the herniated human abdomen. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2016, 20, 839-848.	0.9	13
47	Mode-shape interpretation: Re-thinking modal space for recovering deformable shapes. , 2016, , .		13
48	Active behavior of abdominal wall muscles: Experimental results and numerical model formulation. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 61, 444-454.	1.5	28
49	Real-time 3D reconstruction of non-rigid shapes with a single moving camera. Computer Vision and Image Understanding, 2016, 153, 37-54.	3.0	22
50	Sequential Non-Rigid Structure from Motion Using Physical Priors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 979-994.	9.7	62
51	Numerical simulation of the damage evolution in the pelvic floor muscles during childbirth. Journal of Biomechanics, 2016, 49, 594-601.	0.9	32
52	Biomechanical and morphological study of a new elastic mesh (Ciberlastic) to repair abdominal wall defects. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 59, 366-378.	1.5	8
53	Automatized Patient-Specific Methodology for Numerical Determination of Biomechanical Corneal Response. Annals of Biomedical Engineering, 2016, 44, 1753-1772.	1.3	38
54	Immediate Effect of Ultraviolet-A Collagen Cross-linking Therapy on the Biomechanics and Histology of the Human Cornea. Journal of Refractive Surgery, 2015, 31, 70-71.	1.1	6

#	Article	IF	Citations
55	A structural damage model for pelvic floor muscles. , 2015, , .		0
56	Interaction between diurnal variations of intraocular pressure, pachymetry, and corneal response to an air puff: Preliminary evidence. JCRS Online Case Reports, 2015, 3, 12-15.	0.1	5
57	RegeneraciÃ³n tisular de la pared abdominal despuÃ©s del implante de una nueva malla quirÃºrgica macroporosa compuesta por politetrafluoroetileno no expandido. Revista Hispanoamericana De Hernia, 2015, 3, 17-25.	0.1	1
58	Developing a new methodology to characterize in vivo the passive mechanical behavior of abdominal wall on an animal model. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 51, 40-49.	1.5	19
59	On Using Model Populations to Determine Mechanical Properties of Skeletal Muscle. Application to Concentric Contraction Simulation. Annals of Biomedical Engineering, 2015, 43, 2444-2455.	1.3	10
60	Coupled Biomechanical Response of the Cornea Assessed by Non-Contact Tonometry. A Simulation Study. PLoS ONE, 2015, 10, e0121486.	1.1	72
61	New suture materials for midline laparotomy closure: an experimental study. BMC Surgery, 2014, 14, 70.	0.6	17
62	The Miller×³s knot as an alternative to the surgical knotting? Characterization of the mechanical behavior. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 38, 154-162.	1.5	4
63	Explosives Detection by array of Si μ-cantilevers coated with titanosilicate type nanoporous materials. , 2014, , .		1
64	Short- and long-term biomechanical and morphological study of new suture types in abdominal wall closure. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 37, 1-11.	1.5	14
65	Computational framework to model and design surgical meshes for hernia repair. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1071-1085.	0.9	13
66	Determination of passive viscoelastic response of the abdominal muscle and related constitutive modeling: Stress-relaxation behavior. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 36, 47-58.	1.5	20
67	Good Vibrations: A Modal Analysis Approach for Sequential Non-rigid Structure from Motion. , 2014, , .		52
68	On simulating sustained isometric muscle fatigue: a phenomenological model considering different fiber metabolisms. Biomechanics and Modeling in Mechanobiology, 2014, 13, 1373-1385.	1.4	9
69	Portable low-power electronic interface for explosive detection using microcantilevers. Sensors and Actuators B: Chemical, 2014, 200, 31-38.	4.0	22
70	Can Numerical Modelling Help Surgeons inÂAbdominal Hernia Surgery?. Lecture Notes in Computational Vision and Biomechanics, 2014, , 167-185.	0.5	1
71	Online Dense Non-Rigid 3D Shape and Camera Motion Recovery. , 2014, , .		26
72	Fundamental Aspects in Modelling the Constitutive Behaviour of Fibered Soft Tissues. SEMA SIMAI Springer Series, 2014, , 3-49.	0.4	0

#	Article	IF	Citations
73	A 3D electro-mechanical continuum model for simulating skeletal muscle contraction. Journal of Theoretical Biology, 2013, 335, 108-118.	0.8	44
74	Understanding the Passive Mechanical Behavior of the Human Abdominal Wall. Annals of Biomedical Engineering, 2013, 41, 433-444.	1.3	51
75	Other Applications: Engineering. Advanced Structured Materials, 2013, , 253-398.	0.3	0
76	Variations in Tendon Stiffness Due to Diets with Different Glycotoxins Affect Mechanical Properties in the Muscle-Tendon Unit. Annals of Biomedical Engineering, 2013, 41, 488-496.	1.3	18
77	Mechanical Response of the Herniated Human Abdomen to the Placement of Different Prostheses. Journal of Biomechanical Engineering, 2013, 135, 51004.	0.6	28
78	Three-Dimensional Geometries Representing the Retinal Nerve Fiber Layer in Multiple Sclerosis, Optic Neuritis, and Healthy Eyes. Ophthalmic Research, 2013, 50, 72-81.	1.0	5
79	Short-term behavior of different polymer structure lightweight meshes used to repair abdominal wall defects. Histology and Histopathology, 2013, 28, 611-21.	0.5	3
80	Hyperelastic modelling of the crystalline lens: Accommodation and presbyopia. Journal of Optometry, 2012, 5, 110-120.	0.7	27
81	Finite Element based sequential Bayesian Non-Rigid Structure from Motion. , 2012, , .		30
82	An electronic interface for measuring CO2 emissions in embedded systems. , 2012, , .		1
83	Analysis and implementation of a wireless sensor network with remote access through SMS. , 2012, , .		0
84	A NDIR-based CO2 monitor system for wireless sensor networks. , 2012, , .		10
85	Evaluation of In Vitro Efficacy of Combined Riboflavin and Ultraviolet A for Acanthamoeba Isolates. American Journal of Ophthalmology, 2012, 153, 399-404.	1.7	70
86	Hydro-mechanical analysis of Co2 storage in porous rocks using a critical state model. International Journal of Rock Mechanics and Minings Sciences, 2012, 54, 19-26.	2.6	26
87	WubiNet: A flexible WSN for applications in environmental monitoring. , 2012, , .		3
88	The long-term behavior of lightweight and heavyweight meshes used to repair abdominal wall defects is determined by the host tissue repair process provoked by the mesh. Surgery, 2012, 152, 886-895.	1.0	33
89	Flow path development in different CO2 storage reservoir scenarios. Engineering Geology, 2012, 127, 54-64.	2.9	25
90	Long-term anisotropic mechanical response of surgical meshes used to repair abdominal wall defects. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 5, 257-271.	1.5	44

#	ARTICLE	IF	CITATIONS
91	Mechanical characterization and constitutive modelling of the damage process in rectus sheath. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 8, 111-122.	1.5	63
92	3D Reconstruction of Non-Rigid Surfaces in Real-Time Using Wedge Elements. Lecture Notes in Computer Science, 2012, , 113-122.	1.0	9
93	Patient-Specific Biomechanical Framework for Aiding Clinical Decisions in Eye Surgery. Lecture Notes in Computational Vision and Biomechanics, 2012, , 161-193.	0.5	1
94	Numerical Modelling of Human Breast Deformation. , 2012, , 985-995.		0
95	Combined treatments for keratoconus: a numerical approach. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
96	Influence of intraocular pressure on the photorefractive keratectomy for myopia correction. a numerical analysis. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
97	FEM models to code non-rigid EKF monocular SLAM. , 2011, , .		12
98	CMOS Voltage-to-Frequency Converter With Temperature Drift Compensation. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3232-3234.	2.4	23
99	Mechanical behaviour of synthetic surgical meshes: Finite element simulation of the herniated abdominal wall. Acta Biomaterialia, 2011, 7, 3905-3913.	4.1	87
100	Biomechanical property analysis after corneal collagen cross-linking in relation to ultraviolet A irradiation time. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1223-1227.	1.0	63
101	A 3D active-passive numerical skeletal muscle model incorporating initial tissue strains. Validation with experimental results on rat tibialis anterior muscle. Biomechanics and Modeling in Mechanobiology, 2011, 10, 779-787.	1.4	34
102	Mechanical and histological characterization of the abdominal muscle. A previous step to modelling hernia surgery. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 392-404.	1.5	70
103	Mechanical characterization of the softening behavior of human vaginal tissue. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 275-283.	1.5	64
104	Data management of Wireless Sensor Network implemented in rural environments with SMS communication protocol. , 2011, , .		3
105	Finite element simulation of the hysteretic behaviour of an industrial rubber. Application to design of rubber components. Finite Elements in Analysis and Design, 2010, 46, 357-368.	1.7	30
106	Experimental study and constitutive modeling of the viscoelastic mechanical properties of the human prolapsed vaginal tissue. Biomechanics and Modeling in Mechanobiology, 2010, 9, 35-44.	1.4	60
107	Passive nonlinear elastic behaviour of skeletal muscle: Experimental results and model formulation. Journal of Biomechanics, 2010, 43, 318-325.	0.9	91
108	Active response of skeletal muscle: In vivo experimental results and model formulation. Journal of Theoretical Biology, 2010, 267, 546-553.	0.8	18

#	Article	IF	Citations
109	A constitutive model for porous rock including effects of bond strength degradation and partial saturation. International Journal of Rock Mechanics and Minings Sciences, 2010, 47, 1330-1338.	2.6	20
110	A comparison of implicit and explicit natural element methods in large strains problems: Application to soft biological tissues modeling. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 1691-1700.	3.4	27
111	The Effect of Intraocular Pressure on the Outcome of Myopic Photorefractive Keratectomy: A Numerical Approach. Journal of Healthcare Engineering, 2010, 1, 461-476.	1.1	7
112	Prediction of nonlinear elastic behaviour of vaginal tissue: experimental results and model formulation. Computer Methods in Biomechanics and Biomedical Engineering, 2010, 13, 327-337.	0.9	38
113	A numerical model of the eye for simulation of corneal surgery and corneal biomechanical properties. Acta Ophthalmologica, 2010, 88, 0-0.	0.6	0
114	Reliability of Noncontact Pachymetry after Laser In Situ Keratomileusis. , 2009, 50, 4135.		17
115	A comparison between pseudo-elastic and damage models for modelling the Mullins effect in industrial rubber components. Mechanics Research Communications, 2009, 36, 769-776.	1.0	25
116	On modelling damage process in vaginal tissue. Journal of Biomechanics, 2009, 42, 642-651.	0.9	74
117	Kinematic assessment of paediatric forefoot varus. Gait and Posture, 2009, 29, 214-219.	0.6	29
118	Lower- and higher-order aberrations predicted by an optomechanical model of arcuate keratotomy for astigmatism. Journal of Cataract and Refractive Surgery, 2009, 35, 158-165.	0.7	15
119	Analogue-digital interface for low-cost sensors in low-power sensing networks. , 2009, , .		0
120	Effect of Limbal Relaxing Incisions During Phacoemulsification Surgery Based on Nomogram Review and Numerical Simulation. Cornea, 2009, 28, 1042-1049.	0.9	15
121	An accurate finite element model of the cervical spine under quasi-static loading. Journal of Biomechanics, 2008, 41, 523-531.	0.9	82
122	On finiteâ€strain damage of viscoelasticâ€fibred materials. Application to soft biological tissues. International Journal for Numerical Methods in Engineering, 2008, 74, 1198-1218.	1.5	57
123	Finite element simulation of arcuates for astigmatism correction. Journal of Biomechanics, 2008, 41, 797-805.	0.9	62
124	A finite element model to accurately predict real deformations of the breast. Medical Engineering and Physics, 2008, 30, 1089-1097.	0.8	100
125	Application of the natural element method to finite deformation inelastic problems in isotropic and fiber-reinforced biological soft tissues. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 1983-1996.	3.4	17
126	Computer simulation of damage on distal femoral articular cartilage after meniscectomies. Computers in Biology and Medicine, 2008, 38, 69-81.	3.9	37

#	Article	IF	Citations
127	ON MODELING SOFT BIOLOGICAL TISSUES WITH THE NATURAL ELEMENT METHOD. , 2007, , 87-116.		0
128	A Novel CMOS Envelope Detector Structure. , 2007, , .		4
129	An uncoupled directional damage model for fibred biological soft tissues. Formulation and computational aspects. International Journal for Numerical Methods in Engineering, 2007, 69, 2036-2057.	1.5	126
130	Effect of the size and location of osteochondral defects in degenerative arthritis. A finite element simulation. Computers in Biology and Medicine, 2007, 37, 376-387.	3.9	80
131	An anisotropic visco-hyperelastic model for ligaments at finite strains. Formulation and computational aspects. International Journal of Solids and Structures, 2007, 44, 760-778.	1.3	89
132	Structural damage models for fibrous biological soft tissues. International Journal of Solids and Structures, 2007, 44, 5894-5911.	1.3	65
133	Computational Modelling of Diarthrodial Joints. Physiological, Pathological and Pos-Surgery Simulations. Archives of Computational Methods in Engineering, 2007, 14, 47-91.	6.0	47
134	Influence of the tunnel angle in ACL reconstructions on the biomechanics of the knee joint. Clinical Biomechanics, 2006, 21, 508-516.	0.5	50
135	A three-dimensional finite element analysis of the combined behavior of ligaments and menisci in the healthy human knee joint. Journal of Biomechanics, 2006, 39, 1686-1701.	0.9	391
136	On the numerical treatment of initial strains in biological soft tissues. International Journal for Numerical Methods in Engineering, 2006, 68, 836-860.	1.5	42
137	Why lateral meniscectomy is more dangerous than medial meniscectomy. A finite element study. Journal of Orthopaedic Research, 2006, 24, 1001-1010.	1.2	148
138	Biomechanical Modeling of Refractive Corneal Surgery. Journal of Biomechanical Engineering, 2006, 128, 150-160.	0.6	135
139	On the employ of meshless methods in biomechanics. Computer Methods in Applied Mechanics and Engineering, 2005, 194, 801-821.	3.4	62
140	On solving large strain hyperelastic problems with the natural element method. International Journal for Numerical Methods in Engineering, 2005, 62, 159-185.	1.5	36
141	A finite element simulation of the effect of graft stiffness and graft tensioning in ACL reconstruction. Clinical Biomechanics, 2005, 20, 636-644.	0.5	80
142	Finite element analysis of the effect of meniscal tears and meniscectomies on human knee biomechanics. Clinical Biomechanics, 2005, 20, 498-507.	0.5	240
143	Overview and recent advances in natural neighbour galerkin methods. Archives of Computational Methods in Engineering, 2003, 10, 307-384.	6.0	132
144	On the imposition of essential boundary conditions in natural neighbour Galerkin methods. Communications in Numerical Methods in Engineering, 2003, 19, 361-376.	1.3	27

#	Article	IF	Citations
145	Modelling three-dimensional piece-wise homogeneous domains using theÎ±-shape-based natural element method. International Journal for Numerical Methods in Engineering, 2002, 54, 871-897.	1.5	43
146	1.8 V.0.35 μm CMOS wideband programmable gain amplifier. , 0, , .		0
147	A Numerical Approach to Analyze the Performance of a PEF-Ohmic Heating System in Microbial Inactivation of Solid Food. Frontiers in Food Science and Technology, 0, 2, .	1.2	1