

# Stefano Lenci

## 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.

260  
papers

3,999  
citations

34  
h-index

48  
g-index

293  
ext. papers

4,543  
ext. citations

3  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
260	Exact solutions for coupled Duffing oscillators. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 165, 1082-1099	7.2	1
259	Flexural-flexural internal resonances 3:1 in initially straight, extensible Timoshenko beams with an axial spring. <i>Journal of Sound and Vibration</i> , <b>2022</b> , 527, 116809	3.9	2
258	A discussion regarding reduced-order modelling of inclined elastic and immersed cables under support excitation. <i>International Journal of Non-Linear Mechanics</i> , <b>2022</b> , 104078	2.8	
257	Machine learning to probe modal interaction in dynamic atomic force microscopy. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 179, 109312	7.8	2
256	Nonlinear Vibrations of a Composite Beam in Large Displacements: Analytical, Numerical, and Experimental Approaches. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2021</b> , 16,	1.4	3
255	Advances in stability, bifurcations and nonlinear vibrations in mechanical systems. <i>Nonlinear Dynamics</i> , <b>2021</b> , 103, 2993-2995	5	2
254	An experimental and numerical study on the in-plane axial and shear behavior of sprayed in-situ concrete sandwich panels. <i>Engineering Structures</i> , <b>2021</b> , 232, 111814	4.7	6
253	Earthen claddings in lightweight timber framed buildings: An experimental study on the influence of fir boards sheathing and GFRP jacketing. <i>Construction and Building Materials</i> , <b>2021</b> , 285, 122896	6.7	0
252	On the Geometric Nonlinearities in the Dynamics of a Planar Timoshenko Beam <b>2021</b> , 109-142		
251	A Preliminary Validation of a New Surgical Procedure for the Treatment of Primary Bladder Neck Obstruction Using a Computational Modeling Approach. <i>Bioengineering</i> , <b>2021</b> , 8,	5.3	1
250	Time-delay dynamics of the MR damperable system with one-to-one internal resonances. <i>Nonlinear Dynamics</i> , <b>2021</b> , 105, 1343-1356	5	1
249	TRM reinforced tuff and fired clay brick masonry: Experimental and analytical investigation on their in-plane and out-of-plane behavior. <i>Construction and Building Materials</i> , <b>2021</b> , 272, 121643	6.7	14
248	Longitudinal-transversal internal resonances in Timoshenko beams with an axial elastic boundary condition. <i>Nonlinear Dynamics</i> , <b>2021</b> , 103, 3489-3513	5	12
247	Mode Coupling in Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , <b>2021</b> , 15,	4.3	2
246	Discontinuous approaches for nonlinear dynamic analyses of an ancient masonry tower. <i>Engineering Structures</i> , <b>2021</b> , 230, 111626	4.7	23
245	Propagation of periodic waves in beams on a bilinear foundation. <i>International Journal of Mechanical Sciences</i> , <b>2021</b> , 207, 106656	5.5	2
244	Size-dependent response of electrically pre-deformed micro-plates under mechanical shock incorporating the effect of packaging, a frequency-domain analysis. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2021</b> , 43, 1	2	

243	Recent advances in nonlinear dynamics and vibrations: special issue of meccanica. <i>Meccanica</i> , <b>2020</b> , 55, 2305-2309	2.1	
242	A Genetic Algorithm Procedure for the Automatic Updating of FEM Based on Ambient Vibration Tests. <i>Sensors</i> , <b>2020</b> , 20,	3.8	17
241	Hardening vs. softening dichotomy of a hinged-simply supported beam with one end axial linear spring: Experimental and numerical studies. <i>International Journal of Mechanical Sciences</i> , <b>2020</b> , 178, 1055-1088	5.5	8
240	An impact model of a ball bouncing on a flexible beam. <i>Meccanica</i> , <b>2020</b> , 55, 2439-2450	2.1	1
239	Experimental study of the mechanical behaviour of a new extruded earth block masonry. <i>Construction and Building Materials</i> , <b>2020</b> , 244, 118368	6.7	3
238	Crumbling of Amatrice clock tower during 2016 Central Italy seismic sequence: Advanced numerical insights. <i>Frattura Ed Integrita Strutturale</i> , <b>2020</b> , 14, 313-335	0.9	11
237	Nonlinear Dynamics of a Planar Hinged-Simply Supported Beam with One End Spring: Higher Order Resonances. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2020</b> , 155-165	0.3	3
236	The Non-smooth Dynamics of Multiple Leaf Masonry Walls of the Arquata Del Tronto Fortress. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 1798-1807	0.4	1
235	1:1 internal resonance in a two d.o.f. complete system: a comprehensive analysis and its possible exploitation for design. <i>Meccanica</i> , <b>2020</b> , 55, 1309-1332	2.1	15
234	A detailed study of the parametric excitation of a vertical heavy rod using the method of multiple scales. <i>Meccanica</i> , <b>2020</b> , 55, 2423-2437	2.1	5
233	Modal localisation in a beam modelled as a continuous system: A discussion on the use of auxiliary oscillators. <i>Journal of Sound and Vibration</i> , <b>2020</b> , 485, 115595	3.9	2
232	Aftershock fragility assessment of Italian cast-in-place RC industrial structures with precast vaults. <i>Journal of Building Engineering</i> , <b>2020</b> , 29, 101206	5.2	9
231	Nonlinear vibrations of an extensional beam with tip mass in slewing motion. <i>Meccanica</i> , <b>2020</b> , 55, 2311-2335	2.3	9
230	Chaos in one-dimensional structural mechanics. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 785-834	5	9
229	Chaos theory and applications: a retrospective on lessons learned and missed or new opportunities. <i>Nonlinear Dynamics</i> , <b>2020</b> , 102, 643-644	5	2
228	Six-dimensional basins of attraction computation on small clusters with semi-parallelized SCM method. <i>International Journal of Dynamics and Control</i> , <b>2020</b> , 8, 436-447	1.7	3
227	Damage assessment of ancient masonry churches stroked by the Central Italy earthquakes of 2016 by the non-smooth contact dynamics method. <i>Bulletin of Earthquake Engineering</i> , <b>2020</b> , 18, 455-486	3.7	43
226	Flexural wave propagation in infinite beams on a unilateral elastic foundation. <i>Nonlinear Dynamics</i> , <b>2020</b> , 99, 721-735	5	2

225	On a Geometrically Exact Beam Model and Its Finite Element Approximation. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2020</b> , 59-69	0.3	
224	Basins of Attraction for Higher-Dimensional Nonlinear Dynamical Systems: Preliminary Results on the Case Study of a Sympodial Tree. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2020</b> , 27-36	0.3	
223	Reduced-order models for the analysis of a vertical rod under parametric excitation. <i>International Journal of Mechanical Sciences</i> , <b>2019</b> , 163, 105122	5.5	7
222	Advanced Seismic Analyses of Apennine Churches Struck by the Central Italy Earthquakes of 2016 by the Non-Smooth Contact Dynamics Method. <i>Key Engineering Materials</i> , <b>2019</b> , 817, 309-316	0.4	4
221	Comparative fragility methods for seismic assessment of masonry buildings located in Muccia (Italy). <i>Journal of Building Engineering</i> , <b>2019</b> , 25, 100813	5.2	39
220	Flood impact on masonry buildings: The effect of flow characteristics and incidence angle. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 88, 48-70	3.1	16
219	Introduction to Scientific Computing Technologies for Global Analysis of Multidimensional Nonlinear Dynamical Systems. <i>Mechanisms and Machine Science</i> , <b>2019</b> , 1-43	0.3	0
218	Tracking modal parameters evolution of a school building during retrofitting works. <i>Bulletin of Earthquake Engineering</i> , <b>2019</b> , 17, 1029-1052	3.7	20
217	Characterising interfaces for reinforced concrete: Experiments and multiplane cohesive zone modelling for titanium alloy rebars. <i>European Journal of Mechanics, A/Solids</i> , <b>2019</b> , 75, 258-276	3.7	0
216	Influence of FE Modelling Approaches on Vulnerabilities of RC School Buildings and Proposal of a CFRP Retrofitting Intervention. <i>Open Construction and Building Technology Journal</i> , <b>2019</b> , 13, 269-287	1.1	2
215	Sustainable Engineering for Resilient Built and Natural Environments <b>2019</b> , 297-310		
214	The Lossetti Tower in Beura-Cardezza (Italy): Structural Assessment and Rehabilitation of a Historical Dry Stone Masonry Building. <i>RILEM Bookseries</i> , <b>2019</b> , 2323-2331	0.5	2
213	Tracking Modal Parameter Evolution of Different Cultural Heritage Structure Damaged by Central Italy Earthquake of 2016. <i>Key Engineering Materials</i> , <b>2019</b> , 817, 334-341	0.4	3
212	Can Textile Reinforced Mortar (TRM) Systems Be Really Effective to Increase Compressive Strength of Masonry Panels?. <i>Key Engineering Materials</i> , <b>2019</b> , 817, 435-441	0.4	1
211	Damage Assessment of San Francesco Church in Amandola Hit by Central Italy 2016-2017 Seismic Event. <i>Key Engineering Materials</i> , <b>2019</b> , 817, 627-633	0.4	0
210	Influence of transient escape and added load noise on the dynamic integrity of multistable systems. <i>International Journal of Non-Linear Mechanics</i> , <b>2019</b> , 109, 140-154	2.8	11
209	Damage Assessment by Numerical Modeling of Sant'Agostino's Sanctuary in Offida During the Central Italy 2016-2017 Seismic Sequence. <i>Frontiers in Built Environment</i> , <b>2019</b> , 4,	2.2	19
208	Dynamic analysis of a ball bouncing on a flexible beam. <i>Journal of Sound and Vibration</i> , <b>2019</b> , 441, 152-164	4.9	6

207	Global dynamics and integrity of a micro-plate pressure sensor. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 69, 432-444	3.7	8
206	Influence of Geometric Nonlinearities on the Asynchronous Modes of an Articulated Prestressed Slender Structure. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>2019</b> , 141,	1.6	5
205	Dynamical Integrity: A Novel Paradigm for Evaluating Load Carrying Capacity. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2019</b> , 27-112	0.6	3
204	Interpreting and Predicting Experimental Responses of Micro- and Nano-Devices via Dynamical Integrity. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2019</b> , 113-166	0.6	2
203	Nonlinear Dynamics, Safety, and Control of Structures Liable to Interactive Unstable Buckling. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2019</b> , 167-228	0.6	1
202	Revealing compactness of basins of attraction of multi-DoF dynamical systems. <i>Mechanical Systems and Signal Processing</i> , <b>2018</b> , 111, 348-361	7.8	11
201	Foldover effect and energy output from a nonlinear pseudo-maglev harvester <b>2018</b> ,		2
200	Carbon nanofibers in polyurethane foams: Experimental evaluation of thermo-hygrometric and mechanical performance. <i>Polymer Testing</i> , <b>2018</b> , 67, 234-245	4.5	9
199	Seismic Assessment of a Monumental Building through Nonlinear Analyses of a 3D Solid Model. <i>Journal of Earthquake Engineering</i> , <b>2018</b> , 22, 35-61	1.8	54
198	Seamless variation of isometric and anisometric dynamical integrity measures in basins erosion. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 56, 499-507	3.7	17
197	Isochronous Beams by an Inclined Roller Support. <i>Journal of Applied Mechanics, Transactions ASME</i> , <b>2018</b> , 85,	2.7	2
196	Axial-transversal coupling in the nonlinear dynamics of a beam with an inclined roller. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 144, 490-501	5.5	3
195	An innovative building envelope (kinetic façade) with Shape Memory Alloys used as actuators and sensors. <i>Automation in Construction</i> , <b>2018</b> , 85, 220-231	9.6	40
194	Externally excited purely nonlinear oscillators: insights into their response at different excitation frequencies. <i>Nonlinear Dynamics</i> , <b>2018</b> , 93, 119-132	5	6
193	DYNAMICS AND STABILITY: A LONG HISTORY FROM EQUILIBRIUM TO DYNAMICAL INTEGRITY. <i>Istituto Lombardo - Accademia Di Scienze E Lettere - Incontri Di Studio</i> , <b>2018</b> ,	0	1
192	Modal parameters identification with environmental tests and advanced numerical analyses for masonry bell towers: a meaningful case study. <i>Procedia Structural Integrity</i> , <b>2018</b> , 11, 306-313	1	13
191	Iconic crumbling of the clock tower in Amatrice after 2016 central Italy seismic sequence: advanced numerical insight. <i>Procedia Structural Integrity</i> , <b>2018</b> , 11, 314-321	1	21
190	Nonlinear Dynamics of a Planar Hinged-Supported Beam with One End Lumped Mass and Longitudinal Elastic Support. <i>MATEC Web of Conferences</i> , <b>2018</b> , 241, 01016	0.3	4

189	The non-smooth contact dynamics method for the analysis of an ancient masonry tower <b>2018</b> ,		6
188	Monitoring cultural heritage buildings: The San Ciriaco bell-tower in Ancona <b>2018</b> ,		1
187	Nonlinear dynamics of a planar hinged-supported beam with one end spring system. <i>MATEC Web of Conferences</i> , <b>2018</b> , 148, 06004	0.3	2
186	Nonlinear dynamics of a planar beam-spring system: analytical and numerical approaches. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 1721-1738	5	15
185	Flexible repointing of historical facing-masonry column-type specimens with basalt fibers: A first insight. <i>Journal of Cultural Heritage</i> , <b>2017</b> , 24, 165-170	2.9	7
184	Reply to the Discussion on "A comprehensive analysis of hardening/softening behavior of shearable planar beams with whatever axial boundary constraint" by D. Genovese. <i>Meccanica</i> , <b>2017</b> , 52, 3005-3008	2.1	3
183	Asynchronous free oscillations of linear mechanical systems: A general appraisal and a digression on a column with a follower force. <i>International Journal of Non-Linear Mechanics</i> , <b>2017</b> , 94, 223-234	2.8	7
182	Characterization of the cyclic-plastic behaviour of flexible structures by applying the Chaboche model. <i>Archives of Civil and Mechanical Engineering</i> , <b>2017</b> , 17, 761-775	3.4	5
181	Asynchronous modes of vibrations in linear conservative systems: an illustrative discussion of plane framed structures. <i>Meccanica</i> , <b>2017</b> , 52, 3131-3147	2.1	8
180	On the notion of curvature and its mechanical meaning in a geometrically exact plane beam theory. <i>International Journal of Mechanical Sciences</i> , <b>2017</b> , 128-129, 277-293	5.5	16
179	Energy harvesting from a magnetic levitation system. <i>International Journal of Non-Linear Mechanics</i> , <b>2017</b> , 94, 200-206	2.8	30
178	Comparing Nonlinear Free Vibrations of Timoshenko Beams with Mechanical or Geometric Curvature Definition. <i>Procedia IUTAM</i> , <b>2017</b> , 20, 34-41		16
177	Consequences of different definitions of bending curvature on nonlinear dynamics of beams. <i>Procedia Engineering</i> , <b>2017</b> , 199, 1411-1416		8
176	Preliminary study of the influence of different modelling choices and materials properties uncertainties on the seismic assessment of an existing RC school building <b>2017</b> ,		4
175	Strengthening three-leaf masonry with basalt fibre: Experimental and numerical data <b>2017</b> ,		2
174	Numerical model upgrading of a historical masonry building damaged during the 2016 Italian earthquakes: the case study of the Podestà-palace in Montelupone (Italy). <i>Journal of Civil Structural Health Monitoring</i> , <b>2017</b> , 7, 703-717	2.9	77
173	Nonlinear analyses and failure patterns of typical masonry school buildings in the epicentral zone of the 2016 Italian earthquakes <b>2017</b> ,		2
172	A More Sustainable Way for Producing RC Sandwich Panels On-Site and in Developing Countries. <i>Sustainability</i> , <b>2017</b> , 9, 472	3.6	5

171	Improving the Global Analysis of Mechanical Systems via Parallel Computation of Basins of Attraction. <i>Procedia IUTAM</i> , <b>2017</b> , 22, 192-199		10
170	Global analyses of historical masonry buildings: Equivalent frame vs. 3D solid models <b>2017</b> ,		4
169	Investigation of the Dynamic Loads on a Vertically Oscillating Circular Cylinder Close to the Sea Bed: The Role of Viscosity. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , <b>2017</b> , 139,	1.5	2
168	Pre-Tensioned Basalt Fibers Ropes Stitching for Masonry Strengthening against Vertical Bending: A First Experimental Insight. <i>Key Engineering Materials</i> , <b>2017</b> , 747, 119-127	0.4	1
167	Influence of the mechanics of escape on the instability of von Mises truss and its control. <i>Procedia Engineering</i> , <b>2017</b> , 199, 778-783		8
166	One-year monitoring of a reinforced concrete school building: Evolution of dynamic behavior during retrofitting works. <i>Procedia Engineering</i> , <b>2017</b> , 199, 2238-2243		8
165	Revealing nonlinear dynamical behaviour of laminated glass. <i>Procedia Engineering</i> , <b>2017</b> , 199, 1454-1459		2
164	Cross-checking asymptotics and numerics in the hardening/softening behaviour of Timoshenko beams with axial end spring and variable slenderness. <i>Archive of Applied Mechanics</i> , <b>2017</b> , 87, 865-880	2.2	14
163	A Novel and Sustainable Application of Basalt Fibers for Strengthening Unreinforced Masonry Walls. <i>Journal of Natural Fibers</i> , <b>2017</b> , 14, 97-111	1.8	8
162	Identification and calibration of the structural model of historical masonry building damaged during the 2016 Italian earthquakes: The case study of Palazzo del Podestà in Montelupone <b>2017</b> ,		7
161	Cultural Heritage and Earthquake: The Case Study of Santa Maria Della Carità in Ascoli Piceno. <i>Open Civil Engineering Journal</i> , <b>2017</b> , 11, 1079-1105	0.8	39
160	The Influence of Dowel-Pin Connections on the Seismic Fragility Assessment of RC Precast Industrial Buildings. <i>Open Civil Engineering Journal</i> , <b>2017</b> , 11, 1138-1157	0.8	10
159	SEISMIC ASSESSMENT OF CULTURAL HERITAGE: NONLINEAR 3D ANALYSES OF SANTA MARIA DELLA CARITÀ IN ASCOLI PICENO <b>2017</b> ,		4
158	Increasing Practical Safety of Von Mises Truss via Control of Dynamic Escape. <i>Applied Mechanics and Materials</i> , <b>2016</b> , 849, 46-56	0.3	5
157	Assessment of seismic behaviour of heritage masonry buildings using numerical modelling. <i>Journal of Building Engineering</i> , <b>2016</b> , 8, 29-47	5.2	99
156	Damage detection in a precast structure subjected to an earthquake: A numerical approach. <i>Engineering Structures</i> , <b>2016</b> , 127, 447-458	4.7	24
155	An efficient parallel implementation of cell mapping methods for MDOF systems. <i>Nonlinear Dynamics</i> , <b>2016</b> , 86, 2279-2290	5	26
154	A comprehensive analysis of hardening/softening behaviour of shearable planar beams with whatever axial boundary constraint. <i>Meccanica</i> , <b>2016</b> , 51, 2589-2606	2.1	33

153	The role of parameters of smallness in deduction of approximated theories for deterministic dynamics of beams. <i>MATEC Web of Conferences</i> , <b>2016</b> , 83, 01001	0.3	2
152	Proof of concept of the structural health monitoring of framed structures by a novel combined experimental and theoretical approach. <i>Structural Control and Health Monitoring</i> , <b>2016</b> , 23, 802-824	4.5	17
151	Axial-transversal coupling in the free nonlinear vibrations of Timoshenko beams with arbitrary slenderness and axial boundary conditions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2016</b> , 472, 20160057	2.4	23
150	Numerical model upgrading of a historical masonry palace monitored with a wireless sensor network. <i>International Journal of Masonry Research and Innovation</i> , <b>2016</b> , 1, 74	1.2	44
149	Basalt fiber ropes and rods: Durability tests for their use in building engineering. <i>Journal of Building Engineering</i> , <b>2016</b> , 5, 142-150	5.2	34
148	A first parallel programming approach in basins of attraction computation. <i>International Journal of Non-Linear Mechanics</i> , <b>2016</b> , 80, 76-81	2.8	20
147	Dynamics of windscreen wiper blades: Squeal noise, reversal noise and chattering. <i>International Journal of Non-Linear Mechanics</i> , <b>2016</b> , 80, 132-143	2.8	12
146	On the Assessment of the Seismic Vulnerability of Ancient Churches <b>2016</b> , 1037-1070		
145	Seismic performance of precast reinforced concrete buildings with dowel pin connections. <i>Journal of Building Engineering</i> , <b>2016</b> , 7, 224-238	5.2	48
144	Seismic behavior of an Italian Renaissance Sanctuary: Damage assessment by numerical modelling <b>2016</b> ,		10
143	An overview of different asymptotic models for anisotropic three-layer plates with soft adhesive. <i>International Journal of Solids and Structures</i> , <b>2016</b> , 81, 130-140	3.1	17
142	Nonlinear Free Vibrations of Planar Elastic Beams: A Unified Treatment of Geometrical and Mechanical Effects. <i>Procedia IUTAM</i> , <b>2016</b> , 19, 35-42		17
141	Seismic vulnerability of ancient stone arches by using a numerical model based on the Non-Smooth Contact Dynamics method. <i>Engineering Structures</i> , <b>2016</b> , 119, 110-121	4.7	17
140	Analytical Control of Homoclinic Bifurcation of the Hilltop Saddle in a Noncontact Atomic Force Microcantilever. <i>Procedia IUTAM</i> , <b>2016</b> , 19, 19-26		6
139	Nonlinear vibrations of a multi-span continuous beam subject to periodic impact excitation. <i>Meccanica</i> , <b>2015</b> , 50, 1227-1237	2.1	4
138	The properties and durability of adobe earth-based masonry blocks <b>2015</b> , 361-378		4
137	Post-World War II Italian school buildings: typical and specific seismic vulnerabilities. <i>Journal of Building Engineering</i> , <b>2015</b> , 4, 152-166	5.2	37
136	Nonlinear free dynamics of a two-layer composite beam with different boundary conditions. <i>Meccanica</i> , <b>2015</b> , 50, 675-688	2.1	22



135	Nonlinear vibrations of non-uniform beams by the MTS asymptotic expansion method. <i>Continuum Mechanics and Thermodynamics</i> , <b>2015</b> , 27, 703-717	3.5	18
134	Dynamic Parameters Identification of Structural Laminated Glass <b>2015</b> ,		1
133	On the experimental determination of dynamical properties of laminated glass. <i>Annals of Solid and Structural Mechanics</i> , <b>2015</b> , 7, 27-43	0.5	18
132	A Global Dynamics Perspective for System Safety From Macro- to Nanomechanics: Analysis, Control, and Design Engineering. <i>Applied Mechanics Reviews</i> , <b>2015</b> , 67,	8.6	27
131	Vibration-Based SHM of Ordinary Buildings: Detection and Quantification of Structural Damage <b>2015</b> ,		6
130	Vibration frequency analysis of an electrically-actuated microbeam resonator accounting for thermoelastic coupling effects. <i>International Journal of Dynamics and Control</i> , <b>2015</b> , 3, 157-172	1.7	13
129	On the Assessment of the Seismic Vulnerability of Ancient Churches. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2015</b> , 794-830	0.5	3
128	Chaotic vibrations of the duffing system with fractional damping. <i>Chaos</i> , <b>2014</b> , 24, 013107	3.3	51
127	Nondestructive Evaluation of Plasters on Historical Thin Vaults by Scanning Laser Doppler Vibrometers. <i>Research in Nondestructive Evaluation</i> , <b>2014</b> , 25, 218-234	0.9	6
126	Experimental Analysis of Romanesque Masonries Made by Tile and Brick Fragments Found at the Archaeological Site of S. Maria in Portuno. <i>International Journal of Architectural Heritage</i> , <b>2014</b> , 8, 161-184 <sup>2,1</sup>		8
125	Nonlinear dynamics and control of composites for smart engineering design <i>Meccanica</i> , <b>2014</b> , 49, 1721-1722		1
124	A comparison of different semi-analytical techniques to determine the nonlinear oscillations of a slender microbeam. <i>Meccanica</i> , <b>2014</b> , 49, 1821-1831	2.1	7
123	On the synchronization of chains of nonlinear pendula connected by linear springs. <i>European Physical Journal: Special Topics</i> , <b>2014</b> , 223, 729-756	2.3	12
122	Measurement of R-curve in clay brick blocks using optical measuring technique. <i>Engineering Fracture Mechanics</i> , <b>2014</b> , 121-122, 1-10	4.2	3
121	Historical plasters on light thin vaults: State of conservation assessment by a Hybrid ultrasonic method. <i>Journal of Cultural Heritage</i> , <b>2014</b> , 15, 104-111	2.9	11
120	Relationship between fracture toughness and porosity of clay brick panels used in ventilated façades: Initial investigation. <i>Engineering Fracture Mechanics</i> , <b>2014</b> , 116, 108-121	4.2	7
119	Jump and pull-in dynamics of an electrically actuated bistable MEMS device. <i>MATEC Web of Conferences</i> , <b>2014</b> , 16, 04001	0.3	2
118	Fluid damping phenomena in a slender microbeam modelled on nonclassical theory. <i>MATEC Web of Conferences</i> , <b>2014</b> , 16, 05003	0.3	

117	Noise Effected Energy Harvesting in a Beam with Stopper. <i>International Journal of Structural Stability and Dynamics</i> , <b>2014</b> , 14, 1440020	1.9	19
116	Theoretical prediction of experimental jump and pull-in dynamics in a MEMS sensor. <i>Sensors</i> , <b>2014</b> , 14, 17089-111	3.8	16
115	Dry Masonry Strenghtening through Basalt Fibre Ropes: Experimental Results against Out-of-Plane Actions. <i>Key Engineering Materials</i> , <b>2014</b> , 624, 584-594	0.4	13
114	Modeling and Analysis of an Electrically Actuated Microbeam Based on Nonclassical Beam Theory. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2014</b> , 9,	1.4	17
113	On the Production Of Energy From Sea Waves By a Rotating Pendulum: A Preliminary Experimental Study. <i>Journal of Applied Nonlinear Dynamics</i> , <b>2014</b> , 3, 187-201	2	6
112	Basins of Attraction in a Simple Harvesting System with a Stopper. <i>Advances in Dynamics, Patterns, Cognition</i> , <b>2014</b> , 315-321	0.7	2
111	An electrically actuated imperfect microbeam: Dynamical integrity for interpreting and predicting the device response. <i>Meccanica</i> , <b>2013</b> , 48, 1761-1775	2.1	37
110	Multistability in an electrically actuated carbon nanotube: a dynamical integrity perspective. <i>Nonlinear Dynamics</i> , <b>2013</b> , 74, 533-549	5	19
109	Nonlinear dynamics of an electrically actuated imperfect microbeam resonator: experimental investigation and reduced-order modeling. <i>Journal of Micromechanics and Microengineering</i> , <b>2013</b> , 23, 075012	2	56
108	Parameter identification of an electrically actuated imperfect microbeam. <i>International Journal of Non-Linear Mechanics</i> , <b>2013</b> , 57, 208-219	2.8	9
107	Simple formulas for the natural frequencies of non-uniform cables and beams. <i>International Journal of Mechanical Sciences</i> , <b>2013</b> , 77, 155-163	5.5	33
106	The dynamical integrity concept for interpreting/ predicting experimental behaviour: from macro- to nano-mechanics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120423	3	22
105	Influence of symmetries and imperfections on the non-linear vibration modes of archetypal structural systems. <i>International Journal of Non-Linear Mechanics</i> , <b>2013</b> , 49, 175-195	2.8	10
104	An asymptotic model for the free vibrations of a two-layer beam. <i>European Journal of Mechanics, A/Solids</i> , <b>2013</b> , 42, 441-453	3.7	15
103	Dynamics and failure mechanisms of ancient masonry churches subjected to seismic actions by using the NSCD method: The case of the medieval church of S. Maria in Portuno. <i>Engineering Structures</i> , <b>2013</b> , 56, 1527-1546	4.7	26
102	Dynamical characteristics of an electrically actuated microbeam under the effects of squeeze-film and thermoelastic damping. <i>International Journal of Engineering Science</i> , <b>2013</b> , 69, 16-32	5.7	33
101	Nonlinear resonances of a semi-infinite cable on a nonlinear elastic foundation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2013</b> , 18, 785-798	3.7	4
100	An Efficient Reduced-Order Model to Investigate the Behavior of an Imperfect Microbeam Under Axial Load and Electric Excitation. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2013</b> , 8,	1.4	26

99	Dynamical Integrity for Interpreting Experimental Data and Ensuring Safety in Electrostatic MEMS <b>2013</b> , 249-261		8
98	AN IMPERFECT MICROBEAM UNDER AN AXIAL LOAD AND ELECTRIC EXCITATION: NONLINEAR PHENOMENA AND DYNAMICAL INTEGRITY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2013</b> , 23, 1350026	2	34
97	Stability Boundaries of Period-1 Rotation for a Pendulum Under Combined Vertical and Horizontal Excitation. <i>Journal of Applied Nonlinear Dynamics</i> , <b>2013</b> , 2, 103-126	2	6
96	Nonlinear Dynamics and Instability as Important Design Concerns for a Guyed Mast <b>2013</b> , 223-234		6
95	Practical Stability of Rotating Solutions in a Parametrically Excited Experimental Pendulum via Dynamical Integrity Concepts <b>2013</b> , 173-184		
94	Tensile characterization of basalt fiber rods and ropes: A first contribution. <i>Construction and Building Materials</i> , <b>2012</b> , 34, 372-380	6.7	51
93	Asymptotic modelling of the linear dynamics of laminated beams. <i>International Journal of Solids and Structures</i> , <b>2012</b> , 49, 1147-1157	3.1	15
92	Experimental determination of the fracture properties of unfired dry earth. <i>Engineering Fracture Mechanics</i> , <b>2012</b> , 87, 62-72	4.2	24
91	Free and forced nonlinear oscillations of a two-layer composite beam with interface slip. <i>Nonlinear Dynamics</i> , <b>2012</b> , 70, 2071-2087	5	9
90	Controlling practical stability and safety of mechanical systems by exploiting chaos properties. <i>Chaos</i> , <b>2012</b> , 22, 047502	3.3	14
89	The NSCD method to analyze the dynamics of ancient masonry churches under seismic loadings <b>2012</b> ,		4
88	Effects of shear stiffness, rotatory and axial inertia, and interface stiffness on free vibrations of a two-layer beam. <i>Journal of Sound and Vibration</i> , <b>2012</b> , 331, 5247-5267	3.9	30
87	On the damage of frescoes and stuccoes on the lower surface of historical flat suspended light vaults. <i>Journal of Cultural Heritage</i> , <b>2012</b> , 13, 293-303	2.9	9
86	Controlling Nonlinear Dynamics of Systems Liable to Unstable Interactive Buckling. <i>Procedia IUTAM</i> , <b>2012</b> , 5, 108-123		7
85	Nonlinear dynamics of a MEMS resonator: Theoretical and experimental investigation <b>2012</b> ,		2
84	On the Dynamics of Pedestrians-Induced Lateral Vibrations of Footbridges. <i>Solid Mechanics and Its Applications</i> , <b>2012</b> , 63-114	0.4	1
83	Dynamics of a Micro Electrical Mechanical System Subject to Thermoelastic and Squeeze-Film Damping. <i>MATEC Web of Conferences</i> , <b>2012</b> , 1, 04004	0.3	
82	APPROXIMATE ROTATIONAL SOLUTIONS OF PENDULUM UNDER COMBINED VERTICAL AND HORIZONTAL EXCITATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2012</b> , 22, 1250100	2	21

81	On Flexural Vibrations of Shear Deformable Laminated Beams <b>2012</b> ,		3
80	Experimental Rotations of a Pendulum on Water Waves. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2012</b> , 7,	1.4	28
79	Theoretical and experimental investigation of the nonlinear response of an electrically actuated imperfect microbeam. <i>MATEC Web of Conferences</i> , <b>2012</b> , 1, 04005	0.3	
78	Influence of Modal Coupling on the Nonlinear Dynamics of Augusti's Model. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2011</b> , 6,	1.4	15
77	Forced Harmonic Vibration in a Duffing Oscillator with Negative Linear Stiffness and Linear Viscous Damping <b>2011</b> , 219-276		9
76	Load carrying capacity of systems within a global safety perspective. Part I. Robustness of stable equilibria under imperfections. <i>International Journal of Non-Linear Mechanics</i> , <b>2011</b> , 46, 1232-1239	2.8	16
75	Load carrying capacity of systems within a global safety perspective. Part II. Attractor/basin integrity under dynamic excitations. <i>International Journal of Non-Linear Mechanics</i> , <b>2011</b> , 46, 1240-1251	2.8	24
74	An Experimental Study On Damage Evolution of Unfired Dry Earth Under Compression. <i>International Journal of Fracture</i> , <b>2011</b> , 172, 193-200	2.3	17
73	Global dynamics and integrity of a two-dof model of a parametrically excited cylindrical shell. <i>Nonlinear Dynamics</i> , <b>2011</b> , 63, 61-82	5	45
72	Detecting stable/unstable nonlinear invariant manifold and homoclinic orbits in mechanical systems. <i>Nonlinear Dynamics</i> , <b>2011</b> , 63, 83-94	5	3
71	Nonlinear resonances in infinitely long 1D continua on a tensionless substrate. <i>Nonlinear Dynamics</i> , <b>2011</b> , 66, 271-284	5	7
70	Experimental analysis and modelling of the mechanical behaviour of earthen bricks. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 2067-2075	6.7	83
69	Experimental versus theoretical robustness of rotating solutions in a parametrically excited pendulum: A dynamical integrity perspective. <i>Physica D: Nonlinear Phenomena</i> , <b>2011</b> , 240, 814-824	3.3	47
68	Critical threshold and underlying dynamical phenomena in pedestrian-induced lateral vibrations of footbridges. <i>Journal of Mechanics of Materials and Structures</i> , <b>2011</b> , 6, 1031-1051	1.2	1
67	Nonlinear dynamics and sensitivity to imperfections in Augusti's model. <i>Journal of Mechanics of Materials and Structures</i> , <b>2011</b> , 6, 1065-1078	1.2	10
66	Models, Methods, and Applications of Dynamics and Control in Engineering Sciences: State of the Art. <i>Mathematical Problems in Engineering</i> , <b>2010</b> , 2010, 1-4	1.1	2
65	RECENT ADVANCES IN CONTROL OF COMPLEX DYNAMICS IN MECHANICAL AND STRUCTURAL SYSTEMS. <i>Series on Stability, Vibration and Control of Systems - Series B</i> , <b>2010</b> , 189-237		5
64	The influence of natural stabilizers and natural fibres on the mechanical properties of ancient Roman adobe bricks. <i>Journal of Cultural Heritage</i> , <b>2010</b> , 11, 309-314	2.9	102

63	On a model for the pedestrians-induced lateral vibrations of footbridges. <i>Meccanica</i> , <b>2010</b> , 45, 531-551	2.1	8
62	Dynamics of a semi-infinite beam on unilateral springs: Touch-down points motion and detached bubbles propagation. <i>International Journal of Non-Linear Mechanics</i> , <b>2010</b> , 45, 876-887	2.8	13
61	Special issue on Nonlinear mechanics of modern materials <i>International Journal of Non-Linear Mechanics</i> , <b>2010</b> , 45, 931-932	2.8	
60	Mechanical properties of adobe walls in a Roman Republican domus at Suasa. <i>Journal of Cultural Heritage</i> , <b>2010</b> , 11, 130-137	2.9	39
59	Controlling Chaos: The OGY Method, Its Use in Mechanics, and an Alternative Unified Framework for Control of Non-regular Dynamics. <i>Understanding Complex Systems</i> , <b>2010</b> , 211-269	0.4	8
58	NONLINEAR PHENOMENA IN THE SINGLE-MODE DYNAMICS OF A CABLE-SUPPORTED BEAM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2009</b> , 19, 923-945	2	28
57	Non-linear dynamics of a mechanical system with a frictional unilateral constraint. <i>International Journal of Non-Linear Mechanics</i> , <b>2009</b> , 44, 658-674	2.8	20
56	Chaos suppression and desynchronization phenomena in periodically coupled pendula subjected to localized heterogeneous forces. <i>Chaos, Solitons and Fractals</i> , <b>2009</b> , 42, 2342-2350	9.3	3
55	Simple Mechanical Model of Curved Beams by a 3D Approach. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2009</b> , 135, 597-613	2.4	9
54	Competing Dynamic Solutions in a Parametrically Excited Pendulum: Attractor Robustness and Basin Integrity. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2008</b> , 3,	1.4	29
53	Dynamical Integrity and Control of Nonlinear Mechanical Oscillators. <i>JVC/Journal of Vibration and Control</i> , <b>2008</b> , 14, 159-179	2	57
52	Fracture Characteristics of Unfired Earth. <i>International Journal of Fracture</i> , <b>2008</b> , 149, 193-198	2.3	19
51	Rotating solutions and stability of parametric pendulum by perturbation method. <i>Journal of Sound and Vibration</i> , <b>2008</b> , 310, 243-259	3.9	72
50	Second-order solutions for the dynamics of a semi-infinite cable on a unilateral substrate. <i>Journal of Sound and Vibration</i> , <b>2008</b> , 315, 414-432	3.9	9
49	Limit models in the analysis of three different layered elastic strips. <i>European Journal of Mechanics, A/Solids</i> , <b>2008</b> , 27, 247-268	3.7	14
48	Control of the homoclinic bifurcation in buckled beams: Infinite dimensional vs reduced order modeling. <i>International Journal of Non-Linear Mechanics</i> , <b>2008</b> , 43, 474-489	2.8	11
47	Dimension reduction of homoclinic orbits of buckled beams via the non-linear normal modes technique. <i>International Journal of Non-Linear Mechanics</i> , <b>2007</b> , 42, 515-528	2.8	14
46	Dynamic interactions between parametric pendulum and electro-dynamical shaker. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , <b>2007</b> , 87, 172-186	1	52

45	Forced nonlinear oscillations of semi-infinite cables and beams resting on a unilateral elastic substrate. <i>Nonlinear Dynamics</i> , <b>2007</b> , 49, 203-215	5	14
44	Competing Dynamic Solutions in a Parametrically Excited Pendulum: Attractor Robustness and Basin Integrity <b>2007</b> , 1737		
43	Forced Nonlinear Oscillations of a Semi-Infinite Beam Resting on a Unilateral Elastic Soil: Analytical and Numerical Solutions. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2007</b> , 2, 155-166	1.4	13
42	Control of pull-in dynamics in a nonlinear thermoelastic electrically actuated microbeam. <i>Journal of Micromechanics and Microengineering</i> , <b>2006</b> , 16, 390-401	2	80
41	The complex dynamics of financially constrained heterogeneous firms. <i>Journal of Economic Behavior and Organization</i> , <b>2006</b> , 61, 784-803	1.6	3
40	Response Scenario and Nonsmooth Features in the Nonlinear Dynamics of an Impacting Inverted Pendulum. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2006</b> , 1, 56-64	1.4	6
39	Introduction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2006</b> , 364, 2269-77	3	5
38	Optimal control and anti-control of the nonlinear dynamics of a rigid block. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2006</b> , 364, 2353-81	3	9
37	A dynamical systems approach to the overturning of rocking blocks. <i>Chaos, Solitons and Fractals</i> , <b>2006</b> , 28, 527-542	9.3	27
36	Preface: Recent advances in nonlinear dynamics of mechanical systems. <i>Nonlinear Dynamics</i> , <b>2006</b> , 47, 1-2	5	
35	A MICROSCALE MODEL OF ELASTIC AND DAMAGE LONGITUDINAL SHEAR BEHAVIOR OF HIGHLY CONCENTRATED LONG FIBER COMPOSITES <b>2006</b> , 77-87		
34	Dynamical Integrity of Nonlinear Mechanical Oscillators <b>2006</b> , 811-812		1
33	Identifying, evaluating, and controlling dynamical integrity measures in non-linear mechanical oscillators. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2005</b> , 63, 902-914	1.3	77
32	Simple analytical models for the J-lay problem. <i>Acta Mechanica</i> , <b>2005</b> , 178, 23-39	2.1	75
31	Bifurcation and Chaos in Mechanical Applications: A Dynamical Systems Approach to Their Control <b>2005</b> , 47-57		2
30	HETEROCLINIC BIFURCATIONS AND OPTIMAL CONTROL IN THE NONLINEAR ROCKING DYNAMICS OF GENERIC AND SLENDER RIGID BLOCKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2005</b> , 15, 1901-1918	2	32
29	Higher-order Melnikov functions for single-DOF mechanical oscillators: theoretical treatment and applications. <i>Mathematical Problems in Engineering</i> , <b>2004</b> , 2004, 145-168	1.1	11
28	Elastic and Damage Longitudinal Shear Behavior of Highly Concentrated Long Fiber Composites. <i>Meccanica</i> , <b>2004</b> , 39, 415-439	2.1	12

27	Global optimal control and system-dependent solutions in the hardening Helmholtz-Duffing oscillator. <i>Chaos, Solitons and Fractals</i> , <b>2004</b> , 21, 1031-1046	9.3	38
26	A unified control framework of the non-regular dynamics of mechanical oscillators. <i>Journal of Sound and Vibration</i> , <b>2004</b> , 278, 1051-1080	3.9	34
25	Overturing Thresholds of a Rocking Block Subjected to Harmonic Excitation: Computer Simulations and Analytical Treatment <b>2003</b> , 259		2
24	Nonsmooth Dynamics, Bifurcation and Control in an Impact System. <i>Systems Analysis Modelling Simulation</i> , <b>2003</b> , 43, 343-360		2
23	Optimal Control of Nonregular Dynamics in a Duffing Oscillator. <i>Nonlinear Dynamics</i> , <b>2003</b> , 33, 71-86	5	56
22	Regular Nonlinear Dynamics and Bifurcations of an Impacting System under General Periodic Excitation. <i>Nonlinear Dynamics</i> , <b>2003</b> , 34, 249-268	5	15
21	Optimal numerical control of single-well to cross-well chaos transition in mechanical systems. <i>Chaos, Solitons and Fractals</i> , <b>2003</b> , 15, 173-186	9.3	22
20	Optimal Control of Homoclinic Bifurcation: Theoretical Treatment and Practical Reduction of Safe Basin Erosion in the Helmholtz Oscillator. <i>JVC/Journal of Vibration and Control</i> , <b>2003</b> , 9, 281-315	2	48
19	Chaotic linear maps. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2001</b> , 45, 707-721	1.3	1
18	Analysis of a crack at a weak interface. <i>International Journal of Fracture</i> , <b>2001</b> , 108, 275-290	2.3	43
17	NUMERICAL CONTROL OF IMPACT DYNAMICS OF INVERTED PENDULUM THROUGH OPTIMAL FEEDBACK STRATEGIES. <i>Journal of Sound and Vibration</i> , <b>2000</b> , 236, 505-527	3.9	11
16	Analysis of interfaces of variable stiffness. <i>International Journal of Solids and Structures</i> , <b>2000</b> , 37, 3619-3632	3.3	16
15	Yield design of bonded joints. <i>European Journal of Mechanics, A/Solids</i> , <b>2000</b> , 19, 649-667	3.7	12
14	Periodic solutions and bifurcations in an impact inverted pendulum under impulsive excitation. <i>Chaos, Solitons and Fractals</i> , <b>2000</b> , 11, 2453-2472	9.3	56
13	A LIMIT MODEL IN THE ANALYSIS OF STEEL-CONCRETE BEAMS. <i>Mathematical Models and Methods in Applied Sciences</i> , <b>2000</b> , 10, 1233-1250	3.5	5
12	MelanĀ Problems With Weak Interface. <i>Journal of Applied Mechanics, Transactions ASME</i> , <b>2000</b> , 67, 22-28	2.7	6
11	Homoclinic and heteroclinic bifurcations in the non-linear dynamics of a beam resting on an elastic substrate. <i>International Journal of Non-Linear Mechanics</i> , <b>1999</b> , 34, 615-632	2.8	24
10	Mathematical Analysis of a Bonded Joint with a Soft Thin Adhesive. <i>Mathematics and Mechanics of Solids</i> , <b>1999</b> , 4, 201-225	2.3	102

9	Bonded Joints with Nonhomogeneous Adhesives. <i>Journal of Elasticity</i> , <b>1998</b> , 53, 23-35	1.5	5
8	A Procedure for Reducing the Chaotic Response Region in an Impact Mechanical System. <i>Nonlinear Dynamics</i> , <b>1998</b> , 15, 391-409	5	38
7	On the Suppression of Chaos by Means of Bounded Excitations in an Inverted Pendulum. <i>SIAM Journal on Applied Mathematics</i> , <b>1998</b> , 58, 1116-1127	1.8	10
6	Controlling Nonlinear Dynamics in a Two-Well Impact System.. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>1998</b> , 08, 2387-2407	2	30
5	Controlling Nonlinear Dynamics in a Two-Well Impact System.. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>1998</b> , 08, 2409-2424	2	7
4	Poincaré maps of impulsed oscillators and two-dimensional dynamics. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1996</b> , 111, 427-454		1
3	Chaotic dynamics of an elastic beam resting on a winkler-type soil. <i>Chaos, Solitons and Fractals</i> , <b>1996</b> , 7, 1601-1614	9.3	15
2	Homoclinic and heteroclinic solutions for a class of two dimensional Hamiltonian systems. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , <b>1996</b> , 47, 97-111	1.6	2
1	Influence of the Shear-Bending Interaction on the Global Capacity of Reinforced Concrete Frames. <i>Advances in Civil and Industrial Engineering Book Series</i> , 84-111	0.5	5