Subhamoy Bhattacharya

List of Publications by Year in Descending Order

161 papers	3,129 citations	32 h-index	51 g-index
168 ext. papers	3,803 ext. citations	2.6 avg, IF	6 L-index

#	Paper	IF	Citations
161	Comment on Seibert, M.K.; Rees, W.E. Through the Eye of a Needle: An Eco-Heterodox Perspective on the Renewable Energy Transition. Energies 2021, 14, 4508. *Energies*, **2022**, 15, 971	3.1	0
160	Long term effect of operating loads on large monopile-supported offshore wind turbines in sand. *Ocean Engineering*, **2022**, 245, 110404	3.9	20
159	Buckling analysis of pile foundation in liquefiable soil deposit with sandwiched non-liquefiable layer. *Soil Dynamics and Earthquake Engineering*, **2022**, 154, 107133	3.5	1
158	Load utilisation (LU) ratio of monopiles supporting offshore wind turbines: Formulation and examples from European Wind Farms. *Ocean Engineering*, **2022**, 248, 110798	3.9	5
157	Predicting tilting of monopile supported wind turbines during seismic liquefaction. *Ocean Engineering*, **2022**, 252, 111145	3.9	0
156	Design of monopiles for offshore and nearshore wind turbines in seismically liquefiable soils: Methodology and validation. *Soil Dynamics and Earthquake Engineering*, **2022**, 157, 107252	3.5	4
155	Experimental investigation of transient bending moment of piles during seismic liquefaction. *Soil Dynamics and Earthquake Engineering*, **2022**, 157, 107251	3.5	0
154	A 1D-modelling approach for simulating the soil-pile interaction mechanism in the liquefiable ground. *Soil Dynamics and Earthquake Engineering*, **2022**, 158, 107285	3.5	
153	A Compendium of Formulae for Natural Frequencies of Offshore Wind Turbine Structures. *Energies*, **2022**, 15, 2967	3.1	1
152	General 3D solution to the free vibration of offshore wind turbines supported on multiple foundations. *Marine Structures*, **2022**, 84, 103227	3.8	
151	Experimental p-y curves for liquefied soils from centrifuge tests. *Earthquake Engineering and Engineering Vibration*, **2021**, 20, 863-876	2	
150	A general frequency adaptive framework for damped response analysis of wind turbines. *Soil Dynamics and Earthquake Engineering*, **2021**, 143, 106605	3.5	2
149	Physical Modelling of Offshore Wind Turbine Foundations for TRL (Technology Readiness Level) Studies. *Journal of Marine Science and Engineering*, **2021**, 9, 589	2.4	10
148	Vertical Stiffness Functions of Rigid Skirted Caissons Supporting Offshore Wind Turbines. *Journal of Marine Science and Engineering*, **2021**, 9, 573	2.4	
147	On the seismic analysis and design of offshore wind turbines. *Soil Dynamics and Earthquake Engineering*, **2021**, 145, 106692	3.5	4
146	Seismic Design of Offshore Wind Turbines: Good, Bad and Unknowns. *Energies*, **2021**, 14, 3496	3.1	10
145	Simple approach for including foundation–soil–foundation interaction in the static stiffnesses of multi-element shallow foundations. *Geotechnique*, **2021**, 1-14	3.4	2

144	Rocking isolation of bridge pier using shape memory alloy. *Bridge Structures*, **2021**, 16, 85-103	0.7	1
143	A shake table investigation of dynamic behavior of pile supported bridges in liquefiable soil deposits. *Earthquake Engineering and Engineering Vibration*, **2021**, 20, 1-24	2	3
142	Estimation of the critical buckling load of pile foundations during soil liquefaction. *Soil Dynamics and Earthquake Engineering*, **2021**, 146, 106761	3.5	4
141	Behaviour of buried continuous pipelines crossing strike-slip faults: Experimental and numerical study. *Journal of Natural Gas Science and Engineering*, **2021**, 92, 103980	4.6	2
140	Application of controlled-rocking isolation with shape memory alloys for an overpass bridge. *Soil Dynamics and Earthquake Engineering*, **2021**, 149, 106827	3.5	0
139	Physical modeling of interaction problems in geotechnical engineering **2021**, 205-256		5
138	Numerical models in geotechnics including soil-structure interaction **2021**, 429-472		0
137	Dynamic soil properties and seismic ground response analysis for North Indian seismic belt subjected to the great Himalayan earthquakes. *Natural Hazards*, **2020**, 103, 447-478	3	7
136	Challenges in the Design and Construction of Offshore Wind Turbine Foundations Including Sites in Seismic Areas. *Lecture Notes in Civil Engineering*, **2020**, 121-160	0.3	
135	Use of instability curves for the assessment of post-liquefaction stability and deformation of sloping grounds. *Engineering Geology*, **2020**, 265, 105347	6	1
134	Comparative Modal Analysis of Monopile and Jacket Supported Offshore Wind Turbines including Soil-Structure Interaction. *International Journal of Structural Stability and Dynamics*, **2020**, 20, 2042016	1.9	2
133	Concept design of jacket foundations for offshore wind turbines in 10 steps. *Soil Dynamics and Earthquake Engineering*, **2020**, 139, 106357	3.5	8
132	Support condition monitoring of offshore wind turbines using model updating techniques. *Structural Health Monitoring*, **2020**, 19, 1017-1031	4.4	10
131	Introduction to earthquake geotechnical engineering in relation to foundation design **2019**, 1-32		
130	Basic concepts of engineering seismology and seismic hazard analysis **2019**, 33-61		
129	Selection of strong motion for foundation design **2019**, 63-78		
128	Ground response analysis **2019**, 79-102		
127	Seismic analysis methods related to foundation design **2019**, 103-140		

126	Liquefaction: theoretical aspects **2019**, 141-171		
125	Liquefaction: practical aspects **2019**, 173-214		
124	Analysis and design of shallow foundations **2019**, 215-240		
123	Pile foundations **2019**, 241-295		
122	Analysis of foundations for major bridges **2019**, 297-330		
121	Foundations in slopes and for retaining walls **2019**, 331-364		
120	Engineering correlations for the design of foundations **2019**, 421-450		
119	Dynamic design considerations for offshore wind turbine jackets supported on multiple foundations. *Marine Structures*, **2019**, 67, 102631	3.8	16
118	Seismic behaviour of rocking bridge pier supported by elastomeric pads on pile foundation. *Soil Dynamics and Earthquake Engineering*, **2019**, 124, 98-120	3.5	11
117	Minimum foundation size and spacing for jacket supported offshore wind turbines considering dynamic design criteria. *Soil Dynamics and Earthquake Engineering*, **2019**, 123, 193-204	3.5	12
116	Closed-form stiffnesses of multi-bucket foundations for OWT including group effect correction factors. *Marine Structures*, **2019**, 65, 326-342	3.8	4
115	Dynamic soil properties and liquefaction potential of northeast Indian soil for non-linear effective stress analysis. *Bulletin of Earthquake Engineering*, **2019**, 17, 2899-2933	3.7	13
114	A Study on the Laterally Loaded Pile Behaviour in Liquefied Soil Using P-Y Method. *IOP Conference Series: Materials Science and Engineering*, **2019**, 471, 042015	0.4	1
113	**2019**,		26
112	Seismic risk management of piles in liquefiable soils stabilised with cementation or lattice structures. *Geotechnical Research*, **2019**, 6, 130-143	1.2	0
111	Simplified Methodology for Stiffness Estimation of Double D Shaped Caisson Foundations. *Sustainable Civil Infrastructures*, **2019**, 49-62	0.2	1
110	Case Studies of Liquefaction-Induced Damages to Two Pile-Supported River Bridges in China. *Journal of Performance of Constructed Facilities*, **2019**, 33, 04019051	2	3
109	Macro- and micro-mechanics of granular soil in asymmetric cyclic loadings encountered by offshore wind turbine foundations. *Granular Matter*, **2019**, 21, 1	2.6	5

108	Impedance Functions for Double-D-Shaped Caisson Foundations. *Journal of Testing and Evaluation*, **2019**, 47, 20180075	1	1
107	Scaling Factor for Generating P-Y Curves for Liquefied Soil from Its Stress-Strain Behavior. *Sustainable Civil Infrastructures*, **2019**, 156-168	0.2	1
106	Reasons for Mid-Span Failure of Pile Supported Bridges in Case of Subsurface Liquefaction. *Sustainable Civil Infrastructures*, **2019**, 148-164	0.2	1
105	Dynamic SSI of Monopile-Supported Offshore Wind Turbines. *Developments in Geotechnical Engineering*, **2019**, 113-123	0.4	1
104	Inlet and Outlet Pipe Heat Interaction in a Contiguous Flight Auger (CFA) Pile. *Springer Series in Geomechanics and Geoengineering*, **2019**, 113-122	0.1	
103	Methane hydrate as a new energy **2019**, 239-264		2
102	Wind power: A sustainable way to limit climate change **2019**, 333-364		7
101	Experimental and Field Performance of PP Band Retrofitted Masonry: Evaluation of Seismic Behavior. *Journal of Performance of Constructed Facilities*, **2019**, 33, 04018086	2	11
100	A method to predict the cyclic loading profiles (one-way or two-way) for monopile supported offshore wind turbines. *Marine Structures*, **2019**, 63, 65-83	3.8	25
99	On the Use of Scaled Model Tests for Analysis and Design of Offshore Wind Turbines. *Developments in Geotechnical Engineering*, **2018**, 107-129	0.4	2
98	Earthquake Response Analysis of Sites in State of Haryana using DEEPSOIL Software. *Procedia Computer Science*, **2018**, 125, 357-366	1.6	13
97	Impedance functions for rigid skirted caissons supporting offshore wind turbines. *Ocean Engineering*, **2018**, 150, 21-35	3.9	18
96	Simplified load estimation and sizing of suction anchors for spar buoy type floating offshore wind turbines. *Ocean Engineering*, **2018**, 159, 348-357	3.9	16
95	Review of Liquefaction Around Marine and Pile-Supported Wharf Structures. *Lecture Notes in Civil Engineering*, **2018**, 893-903	0.3	
94	Assessment of natural frequency of installed offshore wind turbines using nonlinear finite element model considering soil-monopile interaction. *Journal of Rock Mechanics and Geotechnical Engineering*, **2018**, 10, 333-346	5.3	16
93	Seismic performance assessment of monopile-supported offshore wind turbines using unscaled natural earthquake records. *Soil Dynamics and Earthquake Engineering*, **2018**, 109, 154-172	3.5	66
92	Monopile head stiffness for servicibility limit state calculations in assessing the natural frequency of offshore wind turbines. *International Journal of Geotechnical Engineering*, **2018**, 12, 267-283	1.5	7
91	Closed form solution for the first natural frequency of offshore wind turbine jackets supported on multiple foundations incorporating soil-structure interaction. *Soil Dynamics and Earthquake Engineering*, **2018**, 113, 593-613	3.5	17

90	Experimental and numerical modelling of buried pipelines crossing reverse faults. *Soil Dynamics and Earthquake Engineering*, **2018**, 114, 198-214	3.5	30
89	Lateral Behavior of Pile Foundations during Partial Liquefaction **2018**,		2
88	The dynamics of an offshore wind turbine using a FE semi-analytical analysis considering the interaction with three soil profiles **2018**, 1453-1459		
87	Geotechnical and infrastructural damage due to the 2016 Kumamoto earthquake sequence. *Soil Dynamics and Earthquake Engineering*, **2018**, 104, 390-394	3.5	20
86	Effect of Initial Relative Density on Post-cyclic Stress-Strain Response of Liquefied Samples **2018**, 19-26		
85	Identification of transient vibration characteristics of pile-group models during liquefaction using wavelet transform. *Engineering Structures*, **2018**, 171, 712-729	4.7	7
84	Choice of aggregates for permeable pavements based on laboratory tests and DEM simulations. *International Journal of Pavement Engineering*, **2017**, 18, 160-168	2.6	8
83	Effect of initial relative density on the post-liquefaction behaviour of sand. *Soil Dynamics and Earthquake Engineering*, **2017**, 97, 25-36	3.5	23
82	Scenario based seismic re-qualification of caisson supported major bridges A case study of Saraighat Bridge. *Soil Dynamics and Earthquake Engineering*, **2017**, 100, 270-275	3.5	18
81	A practical method for construction of p-y curves for liquefiable soils. *Soil Dynamics and Earthquake Engineering*, **2017**, 97, 478-481	3.5	37
80	Construction of simplified design p-y curves for liquefied soils. *Geotechnique*, **2017**, 67, 216-227	3.4	33
79	Proposed mechanism for mid-span failure of pile supported river bridges during seismic liquefaction. *Soil Dynamics and Earthquake Engineering*, **2017**, 102, 41-45	3.5	14
78	Civil Engineering Aspects of a Wind Farm and Wind Turbine Structures **2017**, 221-242		6
77	Civil Engineering Challenges Associated With Design of Offshore Wind Turbines With Special Reference to China **2017**, 243-273		6
76	Numerical Methods for SSI Analysis of Offshore Wind Turbine Foundations **2017**, 275-297		0
75	Practical Method to Estimate Foundation Stiffness for Design of Offshore Wind Turbines **2017**, 329-352		6
74	Physical Modeling of Offshore Wind Turbine Model for Prediction of Prototype Response **2017**, 353-374		2
73	Dynamic soil properties for seismic ground response studies in Northeastern India. *Soil Dynamics and Earthquake Engineering*, **2017**, 100, 357-370	3.5	27

72	Serviceability of suction caisson founded offshore structures. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2017**, 170, 273-284	0.9	6
71	Discussion: Soil–monopile interactions for offshore wind turbines. *Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics*, **2017**, 170, 174-176	0.3	1
70	Micromechanics of soil responses in cyclic simple shear tests. *EPJ Web of Conferences*, **2017**, 140, 02008	0.3	2
69	Design of monopiles for offshore wind turbines in 10 steps. *Soil Dynamics and Earthquake Engineering*, **2017**, 92, 126-152	3.5	152
68	Predicting long term performance of offshore wind turbines using cyclic simple shear apparatus. *Soil Dynamics and Earthquake Engineering*, **2017**, 92, 678-683	3.5	23
67	Seismic analysis of pile in liquefiable soil and plastic hinge. *Geotechnical Research*, **2017**, 4, 203-213	1.2	4
66	Closed form solution of Eigen frequency of monopile supported offshore wind turbines in deeper waters incorporating stiffness of substructure and SSI. *Soil Dynamics and Earthquake Engineering*, **2016**, 83, 18-32	3.5	103
65	An innovative cyclic loading device to study long term performance of offshore wind turbines. *Soil Dynamics and Earthquake Engineering*, **2016**, 82, 154-160	3.5	29
64	Use of offshore wind farms to increase seismic resilience of Nuclear Power Plants. *Soil Dynamics and Earthquake Engineering*, **2016**, 80, 65-68	3.5	20
63	Static impedance functions for monopiles supporting offshore wind turbines in nonhomogeneous soils-emphasis on soil/monopile interface characteristics. *Earthquake and Structures*, **2016**, 10, 1143-1179		14
62	Dynamic stiffness of monopiles supporting offshore wind turbine generators. *Soil Dynamics and Earthquake Engineering*, **2016**, 88, 15-32	3.5	46
61	Evaluation of seismic performance of pile-supported models in liquefiable soils. *Earthquake Engineering and Structural Dynamics*, **2016**, 45, 1019-1038	4	37
60	Dynamic testing of free field response in stratified granular deposits. *Soil Dynamics and Earthquake Engineering*, **2016**, 84, 157-168	3.5	6
59	Soil–monopile interactions for offshore wind turbines. *Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics*, **2016**, 169, 171-182	0.3	13
58	An analytical model to predict the natural frequency of offshore wind turbines on three-spring flexible foundations using two different beam models. *Soil Dynamics and Earthquake Engineering*, **2015**, 74, 40-45	3.5	52
57	Simplified critical mudline bending moment spectra of offshore wind turbine support structures. *Wind Energy*, **2015**, 18, 2171-2197	3.4	57
56	Dynamic response of a geotechnical rigid model container with absorbing boundaries. *Soil Dynamics and Earthquake Engineering*, **2015**, 69, 46-56	3.5	57
55	A Critical Review of Serviceability Limit State Requirements for Monopile Foundations of Offshore Wind Turbines **2015**,		9

54	Long-term dynamic behavior of monopile supported offshore wind turbines in sand. *Theoretical and Applied Mechanics Letters*, **2015**, 5, 80-84	1.8	37
53	Numerical simulation of crack propagation under fatigue loading in piezoelectric material using extended finite element method. *International Journal of Computational Materials Science and Engineering*, **2015**, 04, 1550025	0.3	4
52	Model Tests on the Long-Term Dynamic Performance of Offshore Wind Turbines Founded on Monopiles in Sand. *Journal of Offshore Mechanics and Arctic Engineering*, **2015**, 137,	1.5	25
51	Fatigue life simulation of functionally graded materials under cyclic thermal load using XFEM. *International Journal of Mechanical Sciences*, **2014**, 82, 41-59	5.5	25
50	Characteristics of Flow Failures Triggered by Recent Earthquakes in China **2014**, 44, 218-224		5
49	A critical review of retrofitting methods for unreinforced masonry structures. *International Journal of Disaster Risk Reduction*, **2014**, 7, 51-67	4.5	77
48	CPT-based probabilistic evaluation of seismic soil liquefaction potential using multi-gene genetic programming. *Georisk*, **2014**, 8, 14-28	1.9	23
47	Collapse of Showa Bridge during 1964 Niigata earthquake: A quantitative reappraisal on the failure mechanisms. *Soil Dynamics and Earthquake Engineering*, **2014**, 65, 55-71	3.5	27
46	Undrained behaviour of two silica sands and practical implications for modelling SSI in liquefiable soils. *Soil Dynamics and Earthquake Engineering*, **2014**, 66, 293-304	3.5	35
45	Liquefaction of soil in the Emilia-Romagna region after the 2012 Northern Italy earthquake sequence. *Natural Hazards*, **2014**, 73, 1749-1770	3	19
44	Dynamic stiffness of pile in a layered elastic continuum. *Geotechnique*, **2014**, 64, 303-319	3.4	36
43	Seismic Requalification of Pile Foundations in Liquefiable Soils **2014**, 44, 183-195		14
42	Seismic Requalification of Geotechnical Structures **2014**, 44, 113-118		8
41	Centrifuge study on the cyclic performance of caissons in sand. *International Journal of Physical Modelling in Geotechnics*, **2014**, 14, 99-115	1	38
40	Obtaining Spectrum Matching Time Series Using a Reweighted Volterra Series Algorithm (RVSA). *Bulletin of the Seismological Society of America*, **2014**, 104, 1663-1673	2.3	15
39	Accuracy of Frequency Domain Fatigue Damage Estimation Methods for Offshore Wind Turbine Support Structures **2014**,		2
38	Experimental and Analytical Study of Seismic Soil-Pile-Structure Interaction in Layered Soil Half-Space. *Journal of Earthquake Engineering*, **2014**, 18, 655-673	1.8	2
37	Experimental Assessment of Seismic Pile-Soil Interaction. *Geotechnical, Geological and Earthquake Engineering*, **2014**, 455-475	0.2	2

36	Experimental Investigation of Dynamic Behavior of Cantilever Retaining Walls. *Geotechnical, Geological and Earthquake Engineering*, **2014**, 477-493	0.2	2
35	Modal analysis of pile-supported structures during seismic liquefaction. *Earthquake Engineering and Structural Dynamics*, **2014**, 43, 119-138	4	52
34	Challenges in Design of Foundations for Offshore Wind Turbines. *Engineering & Technology Reference*, **2014**,		34
33	Seismic Design of Piles in Liquefiable Soils. *Springer Geology*, **2013**, 31-44	0.8	1
32	Observed dynamic soil-structure interaction in scale testing of offshore wind turbine foundations. *Soil Dynamics and Earthquake Engineering*, **2013**, 54, 47-60	3.5	114
31	Probabilistic buckling analysis of axially loaded piles in liquefiable soils. *Soil Dynamics and Earthquake Engineering*, **2013**, 45, 13-24	3.5	31
30	Dynamic soil-structure interaction of monopile supported wind turbines in cohesive soil. *Soil Dynamics and Earthquake Engineering*, **2013**, 49, 165-180	3.5	197
29	Dynamics of offshore wind turbines supported on two foundations. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2013**, 166, 159-169	0.9	71
28	Winkler Springs (p-y curves) for pile design from stress-strain of soils: FE assessment of scaling coefficients using the Mobilized Strength Design concept. *Geomechanics and Engineering*, **2013**, 5, 379-399		32
27	Economic MEMS based 3-axis water proof accelerometer for dynamic geo-engineering applications. *Soil Dynamics and Earthquake Engineering*, **2012**, 36, 111-118	3.5	30
26	Model Container Design for Soil-Structure Interaction Studies. *Geotechnical, Geological and Earthquake Engineering*, **2012**, 135-158	0.2	31
25	Dynamic Analysis of Wind Turbine Towers on Flexible Foundations. *Shock and Vibration*, **2012**, 19, 37-56	1.1	99
24	Site-specific earthquake response study for hazard assessment in Kolkata city, India. *Natural Hazards*, **2012**, 61, 943-965	3	40
23	Seismic retrofitting of non-engineered masonry in rural Nepal. *Proceedings of the Institution of Civil Engineers: Structures and Buildings*, **2012**, 165, 273-286	0.9	13
22	Support Vector Classifiers for Prediction of Pile Foundation Performance in Liquefied Ground During Earthquakes. *International Journal of Geotechnical Earthquake Engineering*, **2012**, 3, 42-59	0.2	3
21	Soil-structure Interactions for Offshore Wind Turbines. *Engineering & Technology Reference*, **2012**, 1,		2
20	Similitude relationships for physical modelling of monopile-supported offshore wind turbines. *International Journal of Physical Modelling in Geotechnics*, **2011**, 11, 58-68	1	75
19	Experimental validation of soil-structure interaction of offshore wind turbines. *Soil Dynamics and Earthquake Engineering*, **2011**, 31, 805-816	3.5	98

18	Liquefaction of soil in the Tokyo Bay area from the 2011 Tohoku (Japan) earthquake. *Soil Dynamics and Earthquake Engineering*, **2011**, 31, 1618-1628	3.5	117
17	Vibrations of wind-turbines considering soil-structure interaction. *Wind and Structures, an International Journal*, **2011**, 14, 85-112		79
16	Bending-Buckling interaction as a failure mechanism of piles in liquefiable soils. *Soil Dynamics and Earthquake Engineering*, **2010**, 30, 32-39	3.5	57
15	A case study of damages of the Kandla Port and Customs Office tower supported on a mat-pile foundation in liquefied soils under the 2001 Bhuj earthquake. *Soil Dynamics and Earthquake Engineering*, **2009**, 29, 333-346	3.5	49
14	A simplified method for unified buckling and free vibration analysis of pile-supported structures in seismically liquefiable soils. *Soil Dynamics and Earthquake Engineering*, **2009**, 29, 1220-1235	3.5	31
13	Observed increases in offshore pile driving resistance. *Proceedings of the Institution of Civil Engineers: Geotechnical Engineering*, **2009**, 162, 71-80	0.9	11
12	Buckling and bending response of slender piles in liquefiable soils during earthquakes. *Geomechanics and Geoengineering*, **2008**, 3, 129-143	1.4	9
11	Learning from collapse of piles in liquefiable soils. *Proceedings of the Institution of Civil Engineers: Civil Engineering*, **2008**, 161, 54-60	0.4	5
10	Dynamic Instability of Pile-Supported Structures in Liquefiable Soils during Earthquakes. *Shock and Vibration*, **2008**, 15, 665-685	1.1	14
9	A critical review of methods for pile design in seismically liquefiable soils. *Bulletin of Earthquake Engineering*, **2008**, 6, 407-446	3.7	43
8	Buckling behaviour of single pile and pile bent in the Scotch Road Bridge, by Y. Khodair and S. Hassiotis. *Geomechanics and Geoengineering*, **2007**, 2, 317-318	1.4	
7	A RECONSIDERATION OF THE SAFETY OF PILED BRIDGE FOUNDATIONS IN LIQUEFIABLE SOILS. *Soils and Foundations*, **2005**, 45, 13-25		36
6	An alternative mechanism of pile failure in liquefiable deposits during earthquakes. *Geotechnique*, **2004**, 54, 203-213	3.4	79
5	An alternative mechanism of pile failure in liquefiable deposits during earthquakes. *Geotechnique*, **2004**, 54, 203-213	3.4	8
4	Predicting Long-Term Performance of OWT Foundation using Cyclic Simple Shear Apparatus and DEM Simulations1132-1139		
3	A survey of damage observed in Izmir due to 2020 Samos-Izmir earthquake. *Natural Hazards*,1	3	0
2	Usage of Tyre Derived Aggregates as backfill around buried pipelines crossing strike-slip faults; model tests. *Bulletin of Earthquake Engineering*,1	3.7	0
1	Hazard considerations in the vulnerability assessment of offshore wind farms in seismic zones		1