Suzanne A. Pierce

List of Publications by Year
in descending order

32	3,079	566801 15	676716 22
papers	citations	h-index	g-index

32	32	32	5251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterising performance of environmental models. Environmental Modelling and Software, 2013, 40, 1-20.	1.9	1,141
2	Modelling with stakeholders â€“ Next generation. Environmental Modelling and Software, 2016, 77, 196-220.	1.9	405
3	Policy and institutional dimensions of the waterâ€“energy nexus. Energy Policy, 2011, 39, 6622-6630.	4.2	347
4	The energy challenge. Nature, 2008, 452, 285-286.	13.7	213
5	Integrated assessment and modelling: Overview and synthesis ofÂsalient dimensions. Environmental Modelling and Software, 2015, 64, 215-229.	1.9	200
6	An overview of the system dynamics process for integrated modelling of socio-ecological systems: Lessons on good modelling practice from five case studies. Environmental Modelling and Software, 2017, 93, 127-145.	1.9	147
7	Toward the Geoscience Paper of the Future: Best practices for documenting and sharing research from data to software to provenance. Earth and Space Science, 2016, 3, 388-415.	1.1	127
8	Improved integrated water resource modelling by combining DPSIR and system dynamics conceptual modelling techniques. Journal of Environmental Management, 2019, 246, 27-41.	3.8	81
9	Effective modeling for Integrated Water Resource Management: A guide to contextual practices by phases and steps and future opportunities. Environmental Modelling and Software, 2019, 116, 40-56.	1.9	76
10	Intelligent systems for geosciences. Communications of the ACM, 2018, 62, 76-84.	3.3	71
11	A framework for characterising and evaluating the effectiveness of environmental modelling. Environmental Modelling and Software, 2019, 118, 83-98.	1.9	54
12	Structuring and evaluating decision support processes to enhance the robustness of complex humanâ€“natural systems. Environmental Modelling and Software, 2020, 123, 104551.	1.9	53
13	Integrated water assessment and modelling: A bibliometric analysis of trends in the water resource sector. Journal of Hydrology, 2017, 552, 765-778.	2.3	46
14	Aquifer-yield continuum as a guide and typology for science-based groundwater management. Hydrogeology Journal, 2013, 21, 331-340.	0.9	28
15	Reflective communication to improve problem-solving pathways: Key issues illustrated for an integrated environmental modelling case study. Environmental Modelling and Software, 2020, 126, 104645.	1.9	20
16	Artificial Intelligence for Modeling Complex Systems: Taming the Complexity of Expert Models to Improve Decision Making. ACM Transactions on Interactive Intelligent Systems, 2021, 11, 1-49.	2.6	18
17	Trade-offs and Decision Support Tools for FEW Nexus-Oriented Management. Current Sustainable/Renewable Energy Reports, 2017, 4, 153-159.	1.2	15
18	Bridging sustainability science, earth science, and data science through interdisciplinary education. Sustainability Science, 2020, 15, 647-661.	2.5	13

#	Article	IF	Citations
19	Decision Support Systems and Processes for Groundwater. , 2016, , 639-665.		7
20	A formative and self-reflective approach to monitoring and evaluation of interdisciplinary team research: An integrated water resource modelling application in Australia. Journal of Hydrology, 2021, 596, 126070.	2.3	6
21	Sustained Dialogue for Ground Water and Energy Resources in Chile. Journal of Contemporary Water Research and Education, 2012, 149, 76-86.	0.7	4
22	Making Progress in Integrated Modelling and Environmental Decision Support. IFIP Advances in Information and Communication Technology, 2011, , 15-25.	0.5	4
23	LEAF: Logger for ecological and atmospheric factors. HardwareX, 2019, 6, e00079.	1.1	3
24	Rapid Prevention of Disputes in Public Policy and Planning Process. , 2006, , 294.		0
25	Multi-Platform Decision Support System. , 2007, , .		0
26	GROWING ÂINTELLIGENT SYSTEMS FOR GEOSCIENCES: STRENGTHENING THE COMMUNITY AND CONNECTING CURRICULAR DESIGNS. , 2016, , .		0
27	TANGIBLE TRANSFORMATIONS: SCIENCEÂRESEARCH AND EDUCATION THAT EXPLOREÂINTERACTIVE 3D OBJECTS. , 2016, , .		0
28	USING 3-DIMENSIONAL POINT CLOUD DATA TO MAP CAVE AND KARST FEATURES. , 2017, , .		0
29	THE MODEL IS NOT THE DESTINATION: A 10 POINT CHECKLIST FOR GETTING MODELS OFF THE SHELF AND INTO PRACTICE WITH PARTICIPATORY PROCESSES AND ARTIFICIAL INTELLIGENCE. , 2017, , .		0
30	THE TEXAS WATER RESEARCH NETWORK: ADDRESSING CHALLENGES FOR 21ST CENTURY TEXAS. , 2017, , .		0
31	REPRODUCIBLE GROUNDWATER SCIENCE WORKFLOWS FOR THE FUTURE: A CASE FOR TEXAS GROUNDWATER AVAILABILITY MODELS. , 2017, , .		0
32	Keynote 5. Seeking synergies in data science and applications: How intelligent systems are driving transitions in management for Earth Resource systems. Dr. Suzanne A. Pierce. , 0, , .		0