Carey W King

List of Publications by Year
in descending order

28 papers	1,367 citations	471509 17 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	1609 citing authors

#	Article	IF	Citations
1	Daily gridded meteorological variables in Brazil (1980â€“2013). International Journal of Climatology, 2016, 36, 2644-2659.	3.5	324
2	Water Intensity of Transportation. Environmental Science & Technology, 2008, 42, 7866-7872.	10.0	201
3	The Energy-Water Nexus in Texas. Ecology and Society, 2011, 16, .	2.3	180
4	Thirst for energy. Nature Geoscience, 2008, 1, 283-286.	12.9	87
5	Relating Financial and Energy Return on Investment. Sustainability, 2011, 3, 1810-1832.	3.2	79
6	The Water Intensity of the Plugged-In Automotive Economy. Environmental Science & Technology, 2008, 42, 4305-4311.	10.0	62
7	Comprehensive Evaluation of Algal Biofuel Production: Experimental and Target Results. Energies, 2012, 5, 1943-1981.	3.1	45
8	Comparing World Economic and Net Energy Metrics, Part 1: Single Technology and Commodity Perspective. Energies, 2015, 8, 12949-12974.	3.1	39
9	Comparing World Economic and Net Energy Metrics, Part 3: Macroeconomic Historical and Future Perspectives. Energies, 2015, 8, 12997-13020.	3.1	31
10	Power system resilience to floods: Modeling, impact assessment, and mid-term mitigation strategies. International Journal of Electrical Power and Energy Systems, 2022, 135, 107545.	5.5	30
11	Comparing World Economic and Net Energy Metrics, Part 2: Total Economy Expenditure Perspective. Energies, 2015, 8, 12975-12996.	3.1	28
12	Trends in transmission, distribution, and administration costs for U.S. investor-owned electric utilities. Energy Policy, 2017, 105, 354-362.	8.8	27
13	The system-wide economics of a carbon dioxide capture, utilization, and storage network: Texas Gulf Coast with pure CO ₂ -EOR flood. Environmental Research Letters, 2013, 8, 034030.	5.2	26
14	New improved Brazilian daily weather gridded data (1961â€“2020). International Journal of Climatology, 2022, 42, 8390-8404.	3.5	24
15	The water needs for LDV transportation in the United States. Energy Policy, 2010, 38, 1157-1167.	8.8	23
16	Biofuel-water-land nexus in the last agricultural frontier region of the Brazilian Cerrado. Applied Energy, 2018, 231, 1330-1345.	10.1	23
17	System Energy Assessment (SEA), Defining a Standard Measure of EROI for Energy Businesses as Whole Systems. Sustainability, 2011, 3, 1908-1943.	3.2	22
18	An integrated biophysical and economic modeling framework for long-term sustainability analysis: the HARMONEY model. Ecological Economics, 2020, 169, 106464.	5.7	22

#	Article	IF	Citations
19	Foodâ€“energyâ€“water metrics across scales: project to system level. Journal of Environmental Studies and Sciences, 2016, 6, 39-49.	2.0	18
20	Clean energy and water: assessment of Mexico for improved water services and renewable energy. Environment, Development and Sustainability, 2013, 15, 1303-1321.	5.0	17
21	Matrix method for comparing system and individual energy return ratios when considering an energy transition. Energy, 2014, 72, 254-265.	8.8	14
22	The Rising Cost of Resources and Global Indicators of Change. American Scientist, 2015, 103, 410.	0.1	12
23	The economics of an integrated CO2 capture and sequestration system: Texas Gulf Coast case study. Energy Procedia, 2011, 4, 2588-2595.	1.8	11
24	Information Theory to Assess Relations Between Energy and Structure of the U.S. Economy Over Time. BioPhysical Economics and Resource Quality, 2016, 1, 1.	2.4	8
25	Interdependence of Growth, Structure, Size and Resource Consumption During an Economic Growth Cycle. Biophysical Economics and Sustainability, 2022, 7, 1.	1.4	5
26	Economic Analysis of an Integrated Anthropogenic Carbon Dioxide Network for Capture and Enhanced Oil Recovery Along the Texas Gulf Coast. , 2009, , .		3
27	The Economic Superorganism. , 2021, , .		3
28	An Integrated Biophysical and Economic Modeling Framework for Long-Term Sustainability Analysis. SSRN Electronic Journal, 0, , .	0.4	2