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	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
2	Interdependence of Growth, Structure, Size and Resource Consumption During an Economic Growth Cycle. Biophysical Economics and Sustainability, 2022, 7, 1.	1.4	5
3	New improved Brazilian daily weather gridded data (1961â€“2020). International Journal of Climatology, 2022, 42, 8390-8404.	3.5	24
4	The Economic Superorganism. , 2021, , .		3
5	An integrated biophysical and economic modeling framework for long-term sustainability analysis: the HARMONEY model. Ecological Economics, 2020, 169, 106464.	5.7	22
6	Biofuel-water-land nexus in the last agricultural frontier region of the Brazilian Cerrado. Applied Energy, 2018, 231, 1330-1345.	10.1	23
7	Trends in transmission, distribution, and administration costs for U.S. investor-owned electric utilities. Energy Policy, 2017, 105, 354-362.	8.8	27
8	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
9	Daily gridded meteorological variables in Brazil (1980â€“2013). International Journal of Climatology, 2016, 36, 2644-2659.	3.5	324
10	Foodâ€“energyâ€“water metrics across scales: project to system level. Journal of Environmental Studies and Sciences, 2016, 6, 39-49.	2.0	18
11	Comparing World Economic and Net Energy Metrics, Part 2: Total Economy Expenditure Perspective. Energies, 2015, 8, 12975-12996.	3.1	28
12	Comparing World Economic and Net Energy Metrics, Part 3: Macroeconomic Historical and Future Perspectives. Energies, 2015, 8, 12997-13020.	3.1	31
13	Comparing World Economic and Net Energy Metrics, Part 1: Single Technology and Commodity Perspective. Energies, 2015, 8, 12949-12974.	3.1	39
14	The Rising Cost of Resources and Global Indicators of Change. American Scientist, 2015, 103, 410.	0.1	12
15	Matrix method for comparing system and individual energy return ratios when considering an energy transition. Energy, 2014, 72, 254-265.	8.8	14
16	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
17	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
18	Comprehensive Evaluation of Algal Biofuel Production: Experimental and Target Results. Energies, 2012, 5, 1943-1981.	3.1	45

#	Article	IF	Citations
19	System Energy Assessment (SEA), Defining a Standard Measure of EROI for Energy Businesses as Whole Systems. Sustainability, 2011, 3, 1908-1943.	3.2	22
20	Relating Financial and Energy Return on Investment. Sustainability, 2011, 3, 1810-1832.	3.2	79
21	The economics of an integrated CO2 capture and sequestration system: Texas Gulf Coast case study. Energy Procedia, 2011, 4, 2588-2595.	1.8	11
22	The Energy-Water Nexus in Texas. Ecology and Society, 2011, 16, .	2.3	180
23	The water needs for LDV transportation in the United States. Energy Policy, 2010, 38, 1157-1167.	8.8	23
24	Economic Analysis of an Integrated Anthropogenic Carbon Dioxide Network for Capture and Enhanced Oil Recovery Along the Texas Gulf Coast. , 2009, , .		3
25	Thirst for energy. Nature Geoscience, 2008, 1, 283-286.	12.9	87
26	Water Intensity of Transportation. Environmental Science & Technology, 2008, 42, 7866-7872.	10.0	201
27	The Water Intensity of the Plugged-In Automotive Economy. Environmental Science & Technology, 2008, 42, 4305-4311.	10.0	62
28	An Integrated Biophysical and Economic Modeling Framework for Long-Term Sustainability Analysis. SSRN Electronic Journal, 0, , .	0.4	2