

Tessaleno Campos Devezas

List of Publications by Year in descending order

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51
papers

1,270
citations

430874

18
h-index

377865

34
g-index

58
all docs

58
docs citations

58
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	On the global time evolution of the Covid-19 pandemic: Logistic modeling. Technological Forecasting and Social Change, 2022, 175, 121387.	11.6	5
2	Forecasting the labor intensity and labor income share for G7 countries in the digital age. Technological Forecasting and Social Change, 2021, 167, 120675.	11.6	12
3	Trends in aviation: rebound effect and the struggle composites x aluminum. Technological Forecasting and Social Change, 2020, 160, 120241.	11.6	10
4	The struggle SARS-CoV-2 vs. homo sapiensâ€“Why the earth stood still, and how will it keep moving on?. Technological Forecasting and Social Change, 2020, 160, 120264.	11.6	10
5	Aeronautics and COVID-19: a Reciprocal Cause-and-Effect Phenomenon. Journal of Aerospace Technology and Management, 2020, , .	0.3	1
6	Near-Term Indications and Models of a Singularity. World-systems Evolution and Global Futures, 2020, , 213-224.	0.1	5
7	Specifying technology and rebound in the IPAT identity. Procedia Manufacturing, 2018, 21, 476-485.	1.9	10
8	A simple extension of dematerialization theory: Incorporation of technical progress and the rebound effect. Technological Forecasting and Social Change, 2017, 117, 196-205.	11.6	44
9	On the Asymmetry of Economic Cycles. Studies on Entrepreneurship, Structural Change and Industrial Dynamics, 2017, , 65-92.	0.4	1
10	High-Altitude Platforms - Present Situation and Technology Trends. Journal of Aerospace Technology and Management, 2016, 8, 249-262.	0.3	147
11	A Transforming Scenario: The New Space Agenda. Journal of Aerospace Technology and Management, 2016, 8, 5-6.	0.3	3
12	Energy efficiency of lighting installations: Software application and experimental validation. Energy Reports, 2015, 1, 110-115.	5.1	44
13	Do R&D and licensing strategies influence start-ups' growth?. International Journal of Entrepreneurship and Small Business, 2015, 25, 148.	0.2	6
14	Reduction of greenhouse gas emissions resulting from decreased losses in the conductors of an electrical installation. Energy Conversion and Management, 2014, 87, 787-795.	9.2	3
15	Influence of cable losses on the economic analysis of efficient and sustainable electrical equipment. Energy, 2014, 65, 145-151.	8.8	16
16	Decision Support in the Investment Analysis on Efficient and Sustainable Street Lighting. IFIP Advances in Information and Communication Technology, 2014, , 345-352.	0.7	0
17	Experimental validation of the influence of cable losses in the economic analysis of electrical equipment. , 2013, , .		1
18	Thermomechanical evaluation of self-flowing refractory castables with and without the addition of aluminate cement. Ceramics International, 2012, 38, 3483-3488.	4.8	12

#	ARTICLE	IF	CITATIONS
19	Technological innovation and the long wave theory revisited. Technological Forecasting and Social Change, 2012, 79, 414-416.	11.6	29
20	The struggle for space: Past and future of the space race. Technological Forecasting and Social Change, 2012, 79, 963-985.	11.6	22
21	Effect of particle size distribution and calcium aluminate cement on the rheological behaviour of all-alumina refractory castables. Powder Technology, 2012, 226, 107-113.	4.2	23
22	How many singularities are near and how will they disrupt human history?. Technological Forecasting and Social Change, 2011, 78, 1365-1378.	11.6	27
23	Socio-Economic Development and Primary Energy Sources Substitution Towards Decarbonization. Low Carbon Economy, 2011, 02, 49-53.	1.2	5
24	Crises, depressions, and expansions: Global analysis and secular trends. Technological Forecasting and Social Change, 2010, 77, 739-761.	11.6	29
25	On Phase Transitions, Catastrophes, and Sudden Changes. Technological Forecasting and Social Change, 2010, 77, 1412-1415.	11.6	4
26	Designing particle sizing and packing for flowability and sintered mechanical strength. Journal of the European Ceramic Society, 2010, 30, 2955-2962.	5.7	12
27	Cork agglomerates as an ideal core material in lightweight structures. Materials & Design, 2010, 31, 425-432.	5.1	117
28	The Evolutionary Trajectory of the World System toward an Age of Transition. , 2009, , 223-239.		0
29	Energy scenarios: Toward a new energy paradigm. Futures, 2008, 40, 1-16.	2.5	62
30	Political Globalization is Global Political Evolution. World Futures, 2007, 63, 308-323.	1.0	3
31	Consumption dynamics of primary-energy sources: The century of alternative energies. Applied Energy, 2007, 84, 763-770.	10.1	25
32	The Portuguese as System-builders in the Fifteenth and Sixteenth Centuries: A Case Study on the Role of Technology in the Evolution of the World System. Globalizations, 2006, 3, 507-523.	2.7	13
33	Particle Distribution Design in a Self-Flow Alumina Refractory Castable without Cement. Advances in Science and Technology, 2006, 45, 2260.	0.2	5
34	Design of the Particle Size Composition of an Alumina Powder Matrix for Maximum Flowability and Minimum Water Content. Materials Science Forum, 2006, 530-531, 425-430.	0.3	1
35	Statistical Modelling of the Particle Size Composition of an Alumina Matrix for No-Cement Self-Flowing Refractory Castables. Materials Science Forum, 2006, 514-516, 604-608.	0.3	6
36	Evolutionary theory of technological change: State-of-the-art and new approaches. Technological Forecasting and Social Change, 2005, 72, 1137-1152.	11.6	48

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37	The growth dynamics of the Internet and the long wave theory. <i>Technological Forecasting and Social Change</i> , 2005, 72, 913-935.	11.6	82
38	Mechanical Characterization of Composites with Embedded Optical Fibers. <i>Journal of Composite Materials</i> , 2005, 39, 1261-1281.	2.4	30
39	Power law behavior and world system evolution: A millennial learning process. <i>Technological Forecasting and Social Change</i> , 2003, 70, 819-859.	11.6	58
40	Fatigue damage of carbon-epoxy laminates with embedded optical fibres. <i>Materials Science and Technology</i> , 2003, 19, 809-814.	1.6	7
41	The nonlinear dynamics of technoeconomic systems. <i>Technological Forecasting and Social Change</i> , 2002, 69, 317-357.	11.6	36
42	The biological determinants of long-wave behavior in socioeconomic growth and development. <i>Technological Forecasting and Social Change</i> , 2001, 68, 1-57.	11.6	95
43	Aktivierungsenthalpien und Mechanismen der unterkritischen Rißausbreitung in Aluminiumoxidkeramiken. <i>Materialwissenschaft Und Werkstofftechnik</i> , 1984, 15, 65-72.	0.9	1
44	Anisotropy field of small magnetic particles as measured by resonance. <i>Journal of Applied Physics</i> , 1978, 49, 2466.	2.5	137
45	Ferrimagnetic Resonance Study of the Growth Rate of Super-paramagnetic Precipitates of Magnesioferrite in MgO. <i>Journal of the American Ceramic Society</i> , 1976, 59, 55-56.	3.8	6
46	MPT Influence on the Rheological Behaviour of Self-Flow Refractory Castables. <i>Materials Science Forum</i> , 0, 587-588, 133-137.	0.3	5
47	Influence of Surface Area on the Flowability Behaviour of Self-Flow Refractory Castables. <i>Materials Science Forum</i> , 0, 636-637, 124-129.	0.3	2
48	Exploring the Use of Cork Based Composites for Aerospace Applications. <i>Materials Science Forum</i> , 0, 636-637, 260-265.	0.3	16
49	Space Propulsion: a Survey Study About Current and Future Technologies. <i>Journal of Aerospace Technology and Management</i> , 0, 10, .	0.3	6
50	Globalization as Evolutionary Process. , 0, , .		12
51	Application of a Bibliometric Tool for Studying Space Technology Trends. <i>Journal of Aerospace Technology and Management</i> , 0, 10, .	0.3	5