

Adrian Patrut

List of Publications by Year in descending order

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687363

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42
docs citations

42
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiocarbon dating of a very large African baobab. <i>Tree Physiology</i> , 2007, 27, 1569-1574.	3.1	63
2	A 1000-Year Carbon Isotope Rainfall Proxy Record from South African Baobab Trees (<i>Adansonia</i>). <i>Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 7</i>	2.5	58
3	Generation of cluster capsules (lh) from decomposition products of a smaller cluster (Keggin-Td) while surviving ones get encapsulated: species with core-shell topology formed by a fundamental symmetry-driven reaction. <i>Chemical Communications</i> , 2001, , 657-658.	4.1	46
4	The demise of the largest and oldest African baobabs. <i>Nature Plants</i> , 2018, 4, 423-426.	9.3	44
5	Discrimination of bacteria by rapid sensing their metabolic volatiles using an aspiration-type ion mobility spectrometer (a-IMS) and gas chromatography-mass spectrometry GC-MS. <i>Analytica Chimica Acta</i> , 2017, 982, 209-217.	5.4	41
6	PFeW11-doped polymer film modified electrodes and their electrocatalytic activity for H ₂ O ₂ reduction. <i>Analytica Chimica Acta</i> , 1999, 385, 111-117.	5.4	30
7	Age determination of large live trees with inner cavities: radiocarbon dating of Platland tree, a giant African baobab. <i>Annals of Forest Science</i> , 2011, 68, 993-1003.	2.0	28
8	African Baobabs with False Inner Cavities: The Radiocarbon Investigation of the Lebombo Eco Trail Baobab. <i>PLoS ONE</i> , 2015, 10, e0117193.	2.5	27
9	AMS radiocarbon investigation of the African baobab: Searching for the oldest tree. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 622-626.	1.4	24
10	Electrochemical investigation of molecular growth of the {Mo ₅₇ V ₆ } polyoxometalate cluster. <i>Electrochemistry Communications</i> , 2003, 5, 511-518.	4.7	21
11	Fire History of a Giant African Baobab Evinced by Radiocarbon Dating. <i>Radiocarbon</i> , 2010, 52, 717-726.	1.8	18
12	A Regional Stable Carbon Isotope Dendro-Climatology from the South African Summer Rainfall Area. <i>PLoS ONE</i> , 2016, 11, e0159361.	2.5	18
13	Age and Growth Rate Dynamics of an Old African Baobab Determined by Radiocarbon Dating. <i>Radiocarbon</i> , 2010, 52, 727-734.	1.8	14
14	Comparative AMS radiocarbon dating of pretreated versus non-pretreated tropical wood samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 910-913.	1.4	13
15	The Growth Stop Phenomenon Of Baobabs (<i>Adansonia</i> Spp.) Identified By Radiocarbon Dating. <i>Radiocarbon</i> , 2017, 59, 435-448.	1.8	12
16	Nonobatteries: Decreasing Size Power Sources for Growing Technologies. <i>Recent Patents on Nanotechnology</i> , 2008, 2, 208-219.	1.3	9
17	Searching for the Oldest Baobab of Madagascar: Radiocarbon Investigation of Large <i>Adansonia rubrostipa</i> Trees. <i>PLoS ONE</i> , 2015, 10, e0121170.	2.5	9
18	Radiocarbon dating of two old African baobabs from India. <i>PLoS ONE</i> , 2020, 15, e0227352.	2.5	8

#	ARTICLE	IF	CITATIONS
19	AMS radiocarbon dating of very large Grandidier™s baobabs (<i>Adansonia grandidieri</i>). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 591-598.	1.4	7
20	Age, Growth and Death of a National Icon: The Historic Chapman Baobab of Botswana. <i>Forests</i> , 2019, 10, 983.	2.1	7
21	AMS Radiocarbon Dating of Large Za Baobabs (<i>Adansonia za</i>) of Madagascar. <i>PLoS ONE</i> , 2016, 11, e0146977.	2.5	5
22	Electrochemical behaviour of a new triiron-substituted polyoxomolybdate. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 751-758.	2.9	4
23	Final Radiocarbon Investigation of Platland Tree, the Biggest African Baobab. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 347-354.	0.2	4
24	A 250-Year Isotopic Proxy Rainfall Record from Southern Botswana. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2018, 63, 109-123.	0.2	4
25	Old ages of two historical Romanian trees assessed by AMS radiocarbon dating. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 616-621.	1.4	3
26	Radiocarbon Dating and Status of the Oldest Extant Ceylon Iron Wood (<>Manilkara) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	0.8	2
27	Synthesis, characterization and molecular modeling of transition metal complexes with theophylline. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 211-220.	0.2	2
28	Age, growth and architecture of the historic Big Tree at Victoria Falls, Zimbabwe assessed by radiocarbon dating. <i>Dendrochronologia</i> , 2021, 70, 125898.	2.2	2
29	African Baobabs with a Very Large Number of Stems and False Stems: Radiocarbon Investigation of the Baobab of Warang. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 111-120.	0.2	2
30	Investigation of the Architecture and Age of Superlative <i>Adansonia grandidieri</i> from the Andombiry Forest, Madagascar. <i>Forests</i> , 2021, 12, 1258.	2.1	1
31	Radiocarbon investigation of a superlative grandidier baobab, the big reniala of Isosa. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 131-139.	0.2	1
32	Radiocarbon dating of a very large grandidier baobab, the giant of Bevoay. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2020, 65, 151-158.	0.2	1
33	Radiocarbon Dating of a Very Large African Baobab from Limpopo, South Africa: Investigation of the Sagole Big Tree. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 355-364.	0.2	1
34	Radiocarbon investigation of the pedunculate oak of Botosana, Romania. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2018, 63, 7-13.	0.2	1
35	Age and architecture of the largest African Baobabs from Mayotte, France. , 2020, 1, 33-47.		1
36	Infinite octamolybdate chains cross-linked by paramagnetic iron (II) centers. <i>Open Chemistry</i> , 2004, 2, 323-333.	1.9	0

#	ARTICLE	IF	CITATIONS
37	A Challenge for Chemistry: Very Large Inorganic Molecules Penetrate the Mesoscopic Realm. ChemInform, 2006, 37, no.	0.0	0
38	Radiocarbon dating of the old ash of Aiton, Romania. Studia Universitatis Babes-Bolyai Chemia, 2018, 63, 41-47.	0.2	0
39	Radiocarbon investigation of the superlative african baobabs from SavÃ© valley conservancy, Zimbabwe. Studia Universitatis Babes-Bolyai Chemia, 2019, 64, 411-419.	0.2	0
40	Age and architecture of the largest African Baobabs from Mayotte, France. , 0, , .		0