

Simo Spassov

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

877
citations

430874

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h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and recommendations for magnetic hyperthermia characterization measurements. <i>International Journal of Hyperthermia</i> , 2021, 38, 447-460.	2.5	33
2	Unveiling the role of surface, size, shape and defects of iron oxide nanoparticles for theranostic applications. <i>Nanoscale</i> , 2021, 13, 14552-14571.	5.6	23
3	Whither Magnetic Hyperthermia? A Tentative Roadmap. <i>Materials</i> , 2021, 14, 706.	2.9	76
4	Archaeomagnetism and Luminescence on Medieval kilns in Thessaloniki and Chalkidiki (N. Greece): Implications for geomagnetic field variations during the last two millennia. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 316, 106709.	1.9	2
5	Influence of Atomic Doping on Thermal Stability of Ferrite Nanoparticles—Structural and Magnetic Studies. <i>Materials</i> , 2021, 14, 100.	2.9	4
6	Leaf accumulation of atmospheric dust: Biomagnetic, morphological and elemental evaluation using SEM, ED-XRF and HR-ICP-MS. <i>Atmospheric Environment</i> , 2020, 221, 117082.	4.1	27
7	Impact of urban street canyon architecture on local atmospheric pollutant levels and magneto-chemical PM10 composition: An experimental study in Antwerp, Belgium. <i>Science of the Total Environment</i> , 2020, 712, 135534.	8.0	19
8	Archaeomagnetic investigations in Bolgar (Tatarstan). <i>Studia Geophysica Et Geodaetica</i> , 2020, 64, 255-292.	0.5	6
9	Soil and dust magnetism in semi-urban area Truskavets, Ukraine. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	13
10	European Research on Magnetic Nanoparticles for Biomedical Applications: Standardisation Aspects. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 316-326.	0.6	5
11	Evaluating the potential of topsoil magnetic pollution mapping across different land use classes. <i>Science of the Total Environment</i> , 2019, 685, 345-356.	8.0	20
12	Depositional changes during the Danian—Selandian transition in Loubieng (France), Zumaia (Spain) and Sidi Nasseur (Tunisia): insights from and limits of rock magnetism. <i>Geological Magazine</i> , 2019, 156, 1982-2000.	1.5	0
13	Magnetic Susceptibility Record in Paleozoic Succession (Rhenohercynian Massif, Northern Europe) —Disentangling Sea Level, Local and Diagenetic Impact on the Magnetic Records. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	0
14	Surfactant dependence on physicochemical properties of magnetite nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 452-459.	4.7	20
15	Pluton construction and deformation in the Sveconorwegian crust of SW Norway: Magnetic fabric and U-Pb geochronology of the Kleivan and Sjelset granitic complexes. <i>Precambrian Research</i> , 2018, 305, 247-267.	2.7	14
16	Stratigraphic correlations in mid- to late-Proterozoic carbonates of the Democratic Republic of Congo using magnetic susceptibility. <i>Sedimentary Geology</i> , 2017, 351, 80-101.	2.1	1
17	Triple-stimuli responsive polymers with fine tuneable magnetic responses. <i>Polymer Chemistry</i> , 2017, 8, 2450-2456.	3.9	25
18	Recent Investigations on Holocene Occupations in Northeastern Algeria: The Contribution of Kef en-Naga. <i>African Archaeological Review</i> , 2016, 33, 321-343.	1.4	3

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19	Shallow-water facies setting around the KaÅk Event: a multidisciplinary approach. Geological Society Special Publication, 2016, 423, 171-199.	1.3	20
20	Magnetic susceptibility application: a window onto ancient environments and climatic variations: foreword. Geological Society Special Publication, 2015, 414, 1-13.	1.3	14
21	Magnetization carriers of grey to red deep-water limestones in the GSSP of the Givetianâ€Frasnian boundary (Puech de la Suque, France): signals influenced by moderate diagenetic overprinting. Geological Society Special Publication, 2015, 414, 157-180.	1.3	4
22	Lower Carboniferous ramp sedimentation of the Central Alborz Basin, northern Iran: integrated sedimentological and rockâ€magnetic studies. Geological Society Special Publication, 2015, 414, 73-91.	1.3	11
23	The Middle Palaeolithic site of Birzgane (Tebessa, Algeria): Rock magnetic property characterisation and past rainfall reconstruction. Quaternary International, 2014, 320, 63-74.	1.5	5
24	Application of magnetic susceptibility as a paleoclimatic proxy on Paleozoic sedimentary rocks and characterization of the magnetic signal â€ IGBP-580 projects and events. Episodes, 2014, 37, 87-95.	1.2	6
25	Constraints of archaeomagnetic dating and field intensity determinations in three ancient tile kilns in Belgium. Studia Geophysica Et Geodaetica, 2013, 57, 585-604.	0.5	7
26	Detrital magnetizations from redeposition experiments of different natural sediments. Earth and Planetary Science Letters, 2012, 351-352, 147-157.	4.4	33
27	The Termination of the Olduvai Subchron at Lingtai, Chinese Loess Plateau: Geomagnetic Field Behavior or Complex Remanence Acquisition?. , 2011, , 235-245.		2
28	Magnetic Valley: A Knowledge Transfer Project. Data Science Journal, 2011, 10, IAGA85-IAGA90.	1.3	0
29	Rock magnetic property and paleointensity determination on historical Santorini lava flows. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	10
30	Peat bank growth, Holocene palaeoecology and climate history of South Georgia (sub-Antarctica), based on a botanical macrofossil record. Quaternary Science Reviews, 2009, 28, 65-79.	3.0	56
31	An integrated palaeoenvironmental investigation of a 6200 year old peat sequence from Ile de la Possession, Iles Crozet, sub-Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 270, 179-195.	2.3	19
32	Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). Physics and Chemistry of the Earth, 2008, 33, 481-495.	2.9	21
33	Archaeomagnetic dating of a High Middle Age likely iron working site in Corroy-le-Grand (Belgium). Physics and Chemistry of the Earth, 2008, 33, 544-556.	2.9	11
34	Roxolany and Novaya Etuliyaâ€key sections in the western Black Sea loess area: Magnetostratigraphy, rock magnetism, and paleopedology. Quaternary International, 2006, 152-153, 78-93.	1.5	25
35	Estimating baking temperatures in a Roman pottery kiln by rock magnetic properties: implications of thermochemical alteration on archaeointensity determinations. Geophysical Journal International, 2006, 167, 592-604.	2.4	32
36	Magnetic quantification of urban pollution sources in atmospheric particulate matter. Geophysical Journal International, 2004, 159, 555-564.	2.4	85

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37	A lock-in model for the complex Matuyama-Brunhes boundary record of the loess/palaeosol sequence at Lingtai (Central Chinese Loess Plateau). <i>Geophysical Journal International</i> , 2003, 155, 350-366.	2.4	71
38	Detrital and pedogenic magnetic mineral phases in the loess/palaeosol sequence at Lingtai (Central Chinese Loess Plateau). <i>Journal of Quaternary Science</i> , 2003, 18, 89-99.	1.9	89
39	The Matuyama/Brunhes geomagnetic polarity transition at Lingtai and Baoji, Chinese Loess Plateau. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 899-904.	0.6	35
40	A new scheme of terrestrial paleoclimate evolution during the last 1.5 Ma in the western Black sea region: integration of soil studies and loess magnetism. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 911-916.	0.6	30