

# Simo Spassov

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

877  
citations

430874

18  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detrital and pedogenic magnetic mineral phases in the loess/palaeosol sequence at Lingtai (Central China). <i>Geophysical Journal International</i> , 2004, 159, 555-564.	1.9	89
2	Magnetic quantification of urban pollution sources in atmospheric particulate matter. <i>Geophysical Journal International</i> , 2004, 159, 555-564.	2.4	85
3	Whither Magnetic Hyperthermia? A Tentative Roadmap. <i>Materials</i> , 2021, 14, 706.	2.9	76
4	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
5	Peat bank growth, Holocene palaeoecology and climate history of South Georgia (sub-Antarctica), based on a botanical macrofossil record. <i>Quaternary Science Reviews</i> , 2009, 28, 65-79.	3.0	56
6	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
7	Detrital magnetizations from redeposition experiments of different natural sediments. <i>Earth and Planetary Science Letters</i> , 2012, 351-352, 147-157.	4.4	33
8	Challenges and recommendations for magnetic hyperthermia characterization measurements. <i>International Journal of Hyperthermia</i> , 2021, 38, 447-460.	2.5	33
9	Estimating baking temperatures in a Roman pottery kiln by rock magnetic properties: implications of thermochemical alteration on archaeointensity determinations. <i>Geophysical Journal International</i> , 2006, 167, 592-604.	2.4	32
10	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
11	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
12	Roxolany and Novaya Etuliya key sections in the western Black Sea loess area: Magnetostratigraphy, rock magnetism, and paleopedology. <i>Quaternary International</i> , 2006, 152-153, 78-93.	1.5	25
13	Triple-stimuli responsive polymers with fine tuneable magnetic responses. <i>Polymer Chemistry</i> , 2017, 8, 2450-2456.	3.9	25
14	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
15	Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). <i>Physics and Chemistry of the Earth</i> , 2008, 33, 481-495.	2.9	21
16	Shallow-water facies setting around the Kaikōura Event: a multidisciplinary approach. <i>Geological Society Special Publication</i> , 2016, 423, 171-199.	1.3	20
17	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
18	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

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19	An integrated palaeoenvironmental investigation of a 6200 year old peat sequence from Ile de la Possession, Iles Crozet, sub-Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 270, 179-195.	2.3	19
20	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
21	Magnetic susceptibility application: a window onto ancient environments and climatic variations: foreword. <i>Geological Society Special Publication</i> , 2015, 414, 1-13.	1.3	14
22	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
23	Soil and dust magnetism in semi-urban area Truskavets, Ukraine. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	13
24	Archaeomagnetic dating of a High Middle Age likely iron working site in Corroy-le-Grand (Belgium). <i>Physics and Chemistry of the Earth</i> , 2008, 33, 544-556.	2.9	11
25	Lower Carboniferous ramp sedimentation of the Central Alborz Basin, northern Iran: integrated sedimentological and rock magnetic studies. <i>Geological Society Special Publication</i> , 2015, 414, 73-91.	1.3	11
26	Rock magnetic property and paleointensity determination on historical Santorini lava flows. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	10
27	Constraints of archaeomagnetic dating and field intensity determinations in three ancient tile kilns in Belgium. <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 585-604.	0.5	7
28	Archaeomagnetic investigations in Bolgar (Tatarstan). <i>Studia Geophysica Et Geodaetica</i> , 2020, 64, 255-292.	0.5	6
29	Application of magnetic susceptibility as a paleoclimatic proxy on Paleozoic sedimentary rocks and characterization of the magnetic signal – ICGP-580 projects and events. <i>Episodes</i> , 2014, 37, 87-95.	1.2	6
30	The Middle Palaeolithic site of Birzgane (Tebessa, Algeria): Rock magnetic property characterisation and past rainfall reconstruction. <i>Quaternary International</i> , 2014, 320, 63-74.	1.5	5
31	European Research on Magnetic Nanoparticles for Biomedical Applications: Standardisation Aspects. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 316-326.	0.6	5
32	Magnetization carriers of grey to red deep-water limestones in the GSSP of the Givetian–Frasnian boundary (Puech de la Suque, France): signals influenced by moderate diagenetic overprinting. <i>Geological Society Special Publication</i> , 2015, 414, 157-180.	1.3	4
33	Influence of Atomic Doping on Thermal Stability of Ferrite Nanoparticles – Structural and Magnetic Studies. <i>Materials</i> , 2021, 14, 100.	2.9	4
34	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
35	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
36	The Termination of the Olduvai Subchron at Lingtai, Chinese Loess Plateau: Geomagnetic Field Behavior or Complex Remanence Acquisition?. , 2011, , 235-245.		2

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37	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
38	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
39	Magnetic Susceptibility Record in Paleozoic Succession (Renohercynian 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
40	Magnetic Valley: A Knowledge Transfer Project. <i>Data Science Journal</i> , 2011, 10, IAGA85-IAGA90.	1.3	0