

Nenad M Sakan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

317
citations

1163117

8
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Balmer lines for low electron number density plasma diagnostics. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 76, 16-26.	2.9	155
2	Evaluation of sediment contamination with heavy metals: the importance of determining appropriate background content and suitable element for normalization. <i>Environmental Geochemistry and Health</i> , 2015, 37, 97-113.	3.4	48
3	Trace element study in Tisa River and Danube alluvial sediment in Serbia. <i>International Journal of Sediment Research</i> , 2013, 28, 234-245.	3.5	27
4	Risk assessment of trace element contamination in river sediments in Serbia using pollution indices and statistical methods: a pilot study. <i>Environmental Earth Sciences</i> , 2015, 73, 6625-6638.	2.7	20
5	Comparison of single extraction procedures and the application of an index for the assessment of heavy metal bioavailability in river sediments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21485-21500.	5.3	16
6	Modeling of continuous absorption of electromagnetic radiation in dense partially ionized plasmas. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 095502.	2.1	11
7	Study of potential harmful elements (arsenic, mercury and selenium) in surface sediments from Serbian rivers and artificial lakes. <i>Journal of Geochemical Exploration</i> , 2017, 180, 24-34.	3.2	11
8	Environmental Assessment of Heavy Metal Pollution in Freshwater Sediment, Serbia. <i>Clean - Soil, Air, Water</i> , 2015, 43, 838-845.	1.1	10
9	Inverse Bremsstrahlung in Astrophysical Plasmas: The Absorption Coefficients and Gaunt Factors. <i>Journal of Astrophysics and Astronomy</i> , 2015, 36, 635.	1.0	5
10	Modeling of the Continuous Absorption of Electromagnetic Radiation in Dense Hydrogen Plasma. <i>Open Astronomy</i> , 2011, 20, .	0.6	4
11	Geochemical Fractionation and Assessment of Probabilistic Ecological Risk of Potential Toxic Elements in Sediments Using Monte Carlo Simulations. <i>Molecules</i> , 2019, 24, 2145.	3.8	4
12	The Calculation of the Photo Absorption Processes in Dense Hydrogen Plasma with the Help of Cut-Off Coulomb Potential Model. <i>Journal of Physics: Conference Series</i> , 2010, 257, 012036.	0.4	1
13	The inverse bremsstrahlung absorption coefficients and Gaunt factors in astrophysical plasmas. <i>Journal of Physics: Conference Series</i> , 2017, 810, 012059.	0.4	1
14	Free-Free Absorption in Solar Atmosphere. <i>Geomagnetism and Aeronomy</i> , 2018, 58, 1067-1072.	0.8	1
15	The Application of the Cut-Off Coulomb Model Potential for the Calculation of Bound-Bound State Transitions. <i>Atoms</i> , 2018, 6, 4.	1.6	1
16	The electron-impact broadening of the Nb ϵ for 5p \leftarrow 5d transitions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4382-4386.	4.4	1
17	Evaluation of Element Mobility in River Sediment Using Different Single Extraction Procedures and Assessment of Probabilistic Ecological Risk. <i>Water (Switzerland)</i> , 2021, 13, 1411.	2.7	1
18	The Modeling of the Continuous Emission Spectrum of a Dense Non-ideal Plasma in Optical Region. <i>AIP Conference Proceedings</i> , 2007, .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Software/hardware design of decision-making controllers for object navigation in horizontal plane. Tehnicki Vjesnik, 2017, 24, .	0.2	0
20	Free-free absorption coefficients and Gaunt factors for dense hydrogen-like stellar plasma. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1131-1136.	4.4	0