

Naga Raju Gj

List of Publications by Year in descending order

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32
papers

451
citations

933447

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h-index

713466

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32
all docs

32
docs citations

32
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of trace elements in some anti-diabetic medicinal plants using PIXE technique. Applied Radiation and Isotopes, 2006, 64, 893-900.	1.5	73
2	Trace elemental correlation study in malignant and normal breast tissue by PIXE technique. Nuclear Instruments & Methods in Physics Research B, 2006, 247, 361-367.	1.4	67
3	Effects of multiple ionization and intrashell coupling in L-subshell ionization by heavy ions. Physical Review A, 2004, 70, .	2.5	49
4	Trace elemental analysis of carcinoma kidney and stomach by PIXE method. Nuclear Instruments & Methods in Physics Research B, 2003, 207, 345-355.	1.4	47
5	Trace Elemental Analysis of Cancer-Afflicted Intestine by PIXE Technique. Biological Trace Element Research, 2004, 102, 265-282.	3.5	32
6	Trace elemental analysis of adenoma and carcinoma thyroid by PIXE method. Nuclear Instruments & Methods in Physics Research B, 2002, 196, 333-339.	1.4	30
7	Analysis of trace elements in blood sera of breast cancer patients by particle induced X-ray emission. Journal of Radioanalytical and Nuclear Chemistry, 2012, 294, 355-361.	1.5	23
8	Trace elemental analysis in cancer-afflicted tissues of penis and testis by PIXE technique. Nuclear Instruments & Methods in Physics Research B, 2005, 229, 457-464.	1.4	22
9	Trace elemental distribution in the scalp hair of bipolars using PIXE technique. Medical Hypotheses, 2014, 82, 470-477.	1.5	13
10	Effect of malachite green dye doping in trithiourea zinc (II) sulphate single crystal a potential nonlinear optical material. Journal of Materials Science: Materials in Electronics, 2021, 32, 2564-2578.	2.2	11
11	Multivariate analysis of trace elemental data obtained from blood serum of breast cancer patients using SRXRF. Results in Physics, 2019, 12, 673-680.	4.1	10
12	L X-ray energy shifts and intensity ratios in tantalum with C and N ions multiple vacancies in M, N and O shells. Pramana - Journal of Physics, 2002, 59, 685-691.	1.8	9
13	Estimation of trace elements in some anti-epileptic medicinal plants by PIXE. Journal of Radioanalytical and Nuclear Chemistry, 2012, 294, 337-341.	1.5	9
14	Analysis of blood serum of lung cancer patients using particle induced X-ray emission. Journal of Radioanalytical and Nuclear Chemistry, 2013, 297, 431-436.	1.5	7
15	Quantitative Study of Trace Elements in Coal and Coal Related Ashes using PIXE. Journal of the Geological Society of India, 2019, 94, 533-537.	1.1	7
16	Multiple ionization effects on L X-ray intensity ratios in Hf, Ta, Re, Ir, Pt, Au and Pb due to proton bombardment at energies 1-5 MeV. European Physical Journal D, 2004, 30, 171-179.	1.3	6
17	Effect of radiation therapy on trace elemental concentrations of hair samples of cervical cancer patients? PIXE technique. X-Ray Spectrometry, 2004, 33, 410-413.	1.4	6
18	PIXE analysis of blood serum of breast cancer patients undergoing successive chemotherapy. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 1307-1316.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Estimation of trace elements in some medicinal plants used in anti-cancer drugs by PIXE. X-Ray Spectrometry, 2012, 41, 111-116.	1.4	4
20	Comparative trace elemental analysis of cancerous and non-cancerous tissues of rectal cancer patients using PIXE. Nuclear Instruments & Methods in Physics Research B, 2017, 404, 146-149.	1.4	4
21	Magnetocaloric effect near room temperature and critical behaviour of Fe doped MnCo _{0.7} Fe _{0.3} Ge. Solid State Communications, 2021, 327, 114211.	1.9	4
22	Serum Trace Elemental Content of Tongue Cancer Patients Using Particle Induced X-Ray Emission Technique. Advanced Science Letters, 2014, 20, 882-884.	0.2	4
23	Studies on changes in trace elemental content of serum of uterine cervix cancer patients using PIXE. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 1501-1506.	1.5	3
24	Elemental analysis of Pterocarpus Santalinus by PIXE and ICP-MS: chemometric approach. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 129-137.	1.5	3
25	Critical behaviour and magnetocaloric properties of hexagonal MnCo _{0.7} Fe _{0.3} Ge. Materials Research Express, 2019, 6, 116563.	1.6	2
26	Serum Elemental Analysis of Type 2 Diabetes Patients Using SRXRF. Biological Trace Element Research, 2022, 200, 1485-1494.	3.5	1
27	Simultaneous K plus L shell ionized atoms during heavy-ion collision process. Pramana - Journal of Physics, 2004, 62, 1303-1307.	1.8	0
28	PIXE and ICP-MS Analysis of Andrographis Paniculata Medicinal Plant. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012235.	0.6	0
29	Magnetic Field-Driven Spin-Flop Transition in Orthorhombic GdGa. Journal of Low Temperature Physics, 2019, 195, 252-261.	1.4	0
30	Few layered graphene/ZnO nanocomposites as electrode of supercapacitor. AIP Conference Proceedings, 2019, , .	0.4	0
31	Few layered graphene/ZnO nanocomposites as electrode of supercapacitor. AIP Conference Proceedings, 2019, , .	0.4	0
32	A comparison study of Singareni and Talcher coal samples through elemental analysis using PIXE technique. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 1317-1328.	1.5	0