

Charanjeet J Singh

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84
papers

1,528
citations

21
h-index

37
g-index

98
ext. papers

1,840
ext. citations

2.7
avg, IF

4.67
L-index

#	Paper	IF	Citations
84	Exposure, health and ecological effects review of engineered nanoscale cerium and cerium oxide associated with its use as a fuel additive. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 213-29	5.7	262
83	Preparation and investigation of structure, magnetic and dielectric properties of (BaFe _{11.9} Al _{0.1} O ₁₉) _{1-x} - (BaTiO ₃) bicomponent ceramics. <i>Ceramics International</i> , 2018 , 44, 21295-21302	5.1	93
82	Hysteresis analysis of Co ^{III} substituted M-type Ba _{1-x} Fe _x hexagonal ferrite. <i>Materials Letters</i> , 2009 , 63, 1921-1924	3.4	79
81	Static magnetic properties of Co and Ru substituted Ba _{1-x} Fe _x ferrite. <i>Materials Research Bulletin</i> , 2008 , 43, 176-184	5.1	79
80	Tunable microwave absorption in CoAl substituted M-type BaSr hexagonal ferrite. <i>Materials and Design</i> , 2016 , 110, 749-761	8.1	75
79	Elucidation of phase evolution, microstructural, Mössbauer and magnetic properties of Co ²⁺ +Al ³⁺ doped M-type Ba Sr hexaferrites synthesized by a ceramic method. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 1112-1121	5.7	56
78	Nuclear Eatenin localization and mutation of the CTNNB1 gene: a context-dependent association. <i>Modern Pathology</i> , 2018 , 31, 1553-1559	9.8	50
77	The effect of Co and Zr substitution on dc magnetic properties of Ba _{1-x} Fe _x ferrite. <i>Journal of Alloys and Compounds</i> , 2008 , 464, 429-433	5.7	46
76	Microwave characterization of Co ^{III} substituted barium hexagonal ferrites in X- band. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 405, 17-21	2.8	40
75	Investigation on structural and microwave absorption property of Co ²⁺ and Y ³⁺ substituted M-type Ba-Sr hexagonal ferrites prepared by a ceramic method. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 792-798	5.7	38
74	Quantitative Real-Time PCR: Recent Advances. <i>Methods in Molecular Biology</i> , 2016 , 1392, 161-76	1.4	37
73	Investigation of structural, hysteresis and electromagnetic parameters for microwave absorption application in doped Ba _{1-x} Fe _x hexagonal ferrites at X-band. <i>Journal of Alloys and Compounds</i> , 2019 , 806, 1220-1229	5.7	29
72	Complex permittivity and complex permeability of Sr ions substituted Ba ferrite at X-band. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 1657-1665	2.8	29
71	Thickness and Composition Tailoring of K- and Ka-Band Microwave Absorption of BaCo _x Ti _{1-x} Fe ₁₂ O ₁₉ Ferrites. <i>Journal of Electronic Materials</i> , 2017 , 46, 718-728	1.9	28
70	Buildup of gamma ray photons in flyash concretes: A study. <i>Annals of Nuclear Energy</i> , 2010 , 37, 681-684	1.7	28
69	Microstructure, hysteresis and microwave absorption analysis of Ba _{1-x} Sr _x Fe ₁₂ O ₁₉ ferrite. <i>Materials Chemistry and Physics</i> , 2008 , 111, 225-231	4.4	25
68	Structural and magnetic properties of Co ²⁺ +W ⁴⁺ ions doped M-type Ba-Sr hexaferrites synthesized by a ceramic method. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 909-914	5.7	23

67	Investigation of microwave absorption and DC electrical properties of Mn ²⁺ and Ti ⁴⁺ substituted SrM _x Ti _x Fe(12-x)O ₁₉ ferrite. <i>Journal of Alloys and Compounds</i> , 2016 , 683, 302-307	5.7	23
66	Microwave absorbing characteristics in Co ²⁺ and Al ³⁺ substituted Ba _{0.5} Sr _{0.5} Co _x Al _x Fe _{12-x} O ₁₉ hexagonal ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 2377-2384	2.1	22
65	Hemolytic anemia due to passenger lymphocyte syndrome in solid malignancy patients treated with allogeneic natural killer cell products. <i>Transfusion</i> , 2013 , 53, 419-23	2.9	22
64	A study of microwave absorbing properties in Co ²⁺ doped M-type Ba _{1-x} R _x hexaferrites prepared using ceramic method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11969-11978	2.1	21
63	Lacrimal gland adenoid cystic carcinoma with high-grade transformation to myoepithelial carcinoma: report of a case and review of literature. <i>Head and Neck Pathology</i> , 2013 , 7, 85-92	3.3	20
62	Microwave and electrical behavior of Co ²⁺ and Ru ⁴⁺ ions substituted Ba-Sr sintered ferrite. <i>Journal of Electroceramics</i> , 2011 , 27, 120-125	1.5	20
61	Development of doped Ba _{1-x} R _x hexagonal ferrites for microwave absorber applications: Structural characterization, tunable thickness, absorption peaks and electromagnetic parameters. <i>Journal of Alloys and Compounds</i> , 2021 , 855, 157242	5.7	20
60	Microwave and electrical characterization of M-type Ba _{0.5} Sr _{0.5} Co _x Ru _x Fe(12-x)O ₁₉ hexaferrite for practical applications. <i>Solid State Communications</i> , 2015 , 201, 72-75	1.6	18
59	A comparative evaluation of analgo-sedative effects of oral dexmedetomidine and ketamine: a triple-blind, randomized study. <i>Paediatric Anaesthesia</i> , 2014 , 24, 1252-9	1.8	18
58	Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites. <i>Journal of Alloys and Compounds</i> , 2021 , 859, 158365	5.7	18
57	Elucidation of microwave absorption mechanisms in Co ²⁺ substituted Ba _{1-x} R _x hexaferrites in X-band. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14995-15005	2.1	17
56	Foxp3 ⁺ regulatory T cells impede the priming of protective CD8 ⁺ T cells. <i>Journal of Immunology</i> , 2011 , 187, 2569-77	5.3	17
55	Microwave absorption characteristics of substituted Ba _{0.5} Sr _{0.5} M _x Fe(12-x)O ₁₉ (M = Co ²⁺ +Zr ⁴⁺ AND Co ²⁺ +Ti ⁴⁺) sintered ferrite at X-band. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1661-1665	1.2	16
54	Anatomic study of the superior glenoid labrum. <i>Clinical Anatomy</i> , 2013 , 26, 367-76	2.5	16
53	Variability of pathologists' utilization of p16 and ki-67 immunostaining in the diagnosis of cervical biopsies in routine pathology practice and its impact on the frequencies of cervical intraepithelial neoplasia diagnoses and cytohistologic correlations. <i>Archives of Pathology and Laboratory Medicine</i> , 2014 , 138, 76-87	5	15
52	Differential Diagnosis of Isolated Myeloid Sarcoma: A Case Report and Review of the Literature. <i>Hematology Reports</i> , 2015 , 7, 5709	0.9	15
51	Interface magnetoelectric effect in elastically linked Co/PZT/Co layered structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 485, 291-296	2.8	14
50	Epithelioid angiosarcoma of the kidney: a diagnostic dilemma in fine-needle aspiration cytology. <i>Diagnostic Cytopathology</i> , 2012 , 40 Suppl 2, E131-9	1.4	12

49	Cytological diagnosis of metastatic alveolar rhabdomyosarcoma in the ascitic fluid: Report of a case highlighting the diagnostic difficulties. <i>CytoJournal</i> , 2012 , 9, 9	1.1	12
48	SchottkyRichardson, PooleBrenkel, and Space Charge Limited Current Mechanisms in M-Type $\text{Sr}(\text{MnTi})_x\text{Fe}(12-2x)\text{O}_{19}$ Ferrite. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 3639-3644	3.8	11
47	Renal angiomyoadenomatous tumor. <i>Annals of Diagnostic Pathology</i> , 2012 , 16, 470-6	2.2	11
46	Effects of Pr-Al co-substitution on the magnetic and structural properties of M-type Ca-Sr hexaferrites. <i>Chinese Journal of Physics</i> , 2020 , 63, 337-347	3.5	11
45	Effect of finite sample dimensions and total scatter acceptance angle on the gamma ray buildup factor. <i>Annals of Nuclear Energy</i> , 2008 , 35, 2414-2416	1.7	10
44	Influence of Co^{4+} - Ca^{2+} substitution on structural, microstructure, magnetic, electrical and impedance characteristics of M-type bariumStrontium hexagonal ferrites. <i>Ceramics International</i> , 2020 , 46, 24816-24830	5.1	9
43	Tailoring of Electromagnetic Absorption in Substituted Hexaferrites from 8.2 GHz to 12.4 GHz. <i>Journal of Electronic Materials</i> , 2020 , 49, 1646-1653	1.9	9
42	Design and development of Ga-substituted Z-type hexaferrites for microwave absorber applications: Mbsbauer, static and dynamic properties. <i>Ceramics International</i> , 2021 , 47, 1145-1162	5.1	9
41	Investigation on structural, hysteresis, Mbsbauer properties and electrical parameters of lightly Erbium substituted X-type $\text{Ba}_2\text{Co}_2\text{Er}_x\text{Fe}_{28-2x}\text{O}_{46}$ hexaferrites. <i>Ceramics International</i> , 2020 , 46, 8209-8226	5.1	8
40	Changes in the Structure, Magnetization, and Resistivity of $\text{BaFe}_{12-x}\text{Ti}_x\text{O}_{19}$. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 1583-1593	4	7
39	Isolated Calcaneal Metastasis: An Unusual Presentation of Lung Carcinoma as Heel Pain. <i>Clinical Nuclear Medicine</i> , 2016 , 41, 214-6	1.7	7
38	Microwave and electrical properties of Co-Ti substituted M-type Ba hexagonal ferrite. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	6
37	Pseudofungi: coral shapes and bamboo sticks in lymph node sinuses. <i>International Journal of Surgical Pathology</i> , 2010 , 18, 68-9	1.2	6
36	Electromagnetic properties of Co-Zr substituted Ba-Sr ferrite-paraffin wax composite for EMC/EMI applications 2011 ,		6
35	Structural phases, magnetic properties and MaxwellWagner type relaxation of $\text{CoFe}_2\text{O}_4/\text{Sr}_2\text{Co}_2\text{Fe}_{12}\text{O}_{22}$ ferrite composites. <i>Materials Research Express</i> , 2017 , 4, 076105	1.7	5
34	Necrotic granulomatous pseudotumor following metal-on-metal hip arthroplasty: a potential mimic of sarcoma on fine needle aspiration cytology. <i>Diagnostic Cytopathology</i> , 2012 , 40 Suppl 2, E104-8	1.4	5
33	Robotic sentinel lymph node (SLN) mapping in endometrial cancer: SLN symmetry and implications of mapping failure. <i>International Journal of Gynecological Cancer</i> , 2020 , 30, 305-310	3.5	5
32	. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-19	2	5

31	Investigation of microwave and electrical characteristics of Co ²⁺ substituted M-type Ba ²⁺ hexagonal ferrite. <i>Materials Science-Poland</i> , 2015 , 33, 335-339	0.6	4
30	Microwave absorption characteristics of Co ²⁺ and W ⁴⁺ substituted M-type Ba _{0.5} Sr _{0.5} Co _x W _x Fe _{12-2x} O ₁₉ hexagonal ferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 228-235	2.1	4
29	Hemophagocytosis in an adrenal aspirate: histiocytic sarcoma. <i>Diagnostic Cytopathology</i> , 2014 , 42, 863-71.4	1.4	4
28	Florid capsular and pericapsular papillary endothelial proliferation associated with poorly differentiated thyroid carcinoma. <i>International Journal of Surgical Pathology</i> , 2011 , 19, 110-2	1.2	4
27	High-grade ovarian serous carcinomas: Significant correlation of histologic patterns with IMP3 and E-Cadherin predicting disease recurrence and survival. <i>Annals of Diagnostic Pathology</i> , 2019 , 40, 30-39	2.2	3
26	Microwave Characterization of Pb _{0.45} Ca _{0.55} (Fe _{0.5} Nb _{0.5}) _{1-x} Sn _x O ₃ Multiferroics at X-Band. <i>Journal of Electronic Materials</i> , 2016 , 45, 4908-4912	1.9	3
25	Recurrent anaplastic medulloblastoma in cerebrospinal fluid after autologous hematopoietic stem cell transplant. <i>Diagnostic Cytopathology</i> , 2013 , 41, 980-5	1.4	3
24	Middle cerebral artery territory infarct due to Cryptococcus infection: an uncommon indication for cerebrospinal fluid analysis in stroke patients. <i>Diagnostic Cytopathology</i> , 2015 , 43, 632-4	1.4	3
23	Cigar-shaped melanin granules in melanotic neuroectodermal tumor of infancy. <i>Diagnostic Cytopathology</i> , 2012 , 40, 716-8	1.4	3
22	Patients With a History of Chemotherapy and Isolated del(20q) With Minimal Myelodysplasia Have an Indolent Course. <i>American Journal of Clinical Pathology</i> , 2016 , 145, 459-66	1.9	3
21	Poorly differentiated, ovarian Sertoli-Leydig cell tumor with heterologous rhabdomyosarcoma and glandular elements: Diagnosis and management of a rare neoplasm. <i>Gynecologic Oncology Reports</i> , 2018 , 25, 70-73	1.3	3
20	Paranuclear and extracellular globules in intraoperative cytology preparations of anaplastic large cell lymphoma. <i>Diagnostic Cytopathology</i> , 2014 , 42, 686-9	1.4	2
19	Fine-needle aspiration diagnosis of metastatic intestinal-type sinonasal adenocarcinoma. <i>Diagnostic Cytopathology</i> , 2013 , 41, 153-8	1.4	1
18	Wideband and Narrowband Microwave Characteristics of Co/Ti-Substituted M-Type Ca-Hexagonal Ferrite. <i>Journal of Electronic Materials</i> , 2017 , 46, 866-871	1.9	1
17	Static conduction mechanisms in Co ²⁺ and Ti ⁴⁺ substituted M-type SrCo _x Ti _x Fe _(12-2x) O ₁₉ ferrite. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	1
16	Static current models in Co ²⁺ and Ti ⁴⁺ substituted M-type CaCo _x Ti _x Fe _(12-2x) O ₁₉ ferrite. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	1
15	Microwave absorption studies of M-type Ba _{0.5} Sr _{0.5} Co _x Ti _x Fe _(12-2x) O ₁₉ ferrite and its dependence on static properties 2012 ,		1
14	Complex permittivity and complex permeability characteristics of Co ²⁺ doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	1

13	The study of reduced transition probabilities for E2 transitions in the decays of ^{192}Os and ^{192}Pt nuclei. <i>Annals of Nuclear Energy</i> , 2009 , 36, 1484-1485	1.7	o
12	Controllable morphology, dielectric, magnetic and reflection loss characteristics of ferrite/wax composites for low-loss applications. <i>Journal of Alloys and Compounds</i> , 2021 , 888, 161611	5.7	o
11	Role of phase, grain morphology and impedance properties in tailoring of Barium Strontium hexaferrites for microwave absorber/attenuator applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022 , 281, 115679	3.1	o
10	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for permanent magnet applications. <i>Journal of Solid State Chemistry</i> , 2022 , 123215	3.3	o
9	Cervical Squamous Intraepithelial Lesions: A Pathologist's Perspective 2019 , 71-82		
8	Microwave characterization of $\text{Pb}_{1-x}\text{Ca}_x\text{Fe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ multiferroics at X-band. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	
7	Herxheimer spirals in a liquid-based Pap test showing radiation changes. <i>Diagnostic Cytopathology</i> , 2013 , 41, 144-5	1.4	
6	Investigation of DC current models in Co^{2+} and Ti^{4+} substituted M-type $\text{BaCo}_x\text{TixFe}_{(12-2x)}\text{O}_{19}$ ferrite. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	
5	AC and DC properties of M-type $\text{SrCo}_x\text{TixFe}_{(12-x)}\text{O}_{19}$ hexagonal ferrite. <i>European Physical Journal B</i> , 2015 , 88, 1	1.2	
4	Histiocytic corona around a glomeruloid intrafollicular polyp of the thyroid. <i>International Journal of Surgical Pathology</i> , 2009 , 17, 402-3	1.2	
3	Thermoelectric and electrical properties of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_x\text{Ru}_x\text{Fe}_{(12-x)}\text{O}_{19}$ ferrite*. <i>European Physical Journal B</i> , 2016 , 89, 1	1.2	
2	Pfeiffer Syndrome Type II: Cloverleaf Skull and Hydrocephalus Discovered on Fetal MRI. <i>Journal of Pediatric Neuroradiology</i> , 2016 , 04, 064-067		
1	Crystal Structure, Magnetic Properties and Thermal Behavior of $\text{BaFe}_{11.9}\text{In}_{0.1}\text{O}_{19}$ Ferrite. <i>Physica Status Solidi (B): Basic Research</i> , 2100655	1.3	