

# Charanjeet J Singh

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9242750/charanjeet-j-singh-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , <b>2022</b> , 281, 115679	3.1	0
83	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for permanent magnet applications. <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 123215	3.3	0
82	Changes in the Structure, Magnetization, and Resistivity of BaFe <sub>12-x</sub> Ti <sub>x</sub> O <sub>19</sub> . <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 1583-1593	4	7
81	Design and development of Ga-substituted Z-type hexaferrites for microwave absorber applications: Mössbauer, static and dynamic properties. <i>Ceramics International</i> , <b>2021</b> , 47, 1145-1162	5.1	9
80	Development of doped Ba <sub>1-x</sub> R hexagonal ferrites for microwave absorber applications: Structural characterization, tunable thickness, absorption peaks and electromagnetic parameters. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 855, 157242	5.7	20
79	Effect of titanium substitution and temperature variation on structure and magnetic state of barium hexaferrites. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 859, 158365	5.7	18
78	. <i>IEEE Transactions on Magnetics</i> , <b>2021</b> , 57, 1-19	2	5
77	Controllable morphology, dielectric, magnetic and reflection loss characteristics of ferrite/wax composites for low-loss applications. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 888, 161611	5.7	0
76	Influence of Co <sup>4+</sup> -Ca <sup>2+</sup> substitution on structural, microstructure, magnetic, electrical and impedance characteristics of M-type barium-strontium hexagonal ferrites. <i>Ceramics International</i> , <b>2020</b> , 46, 24816-24830	5.1	9
75	Investigation on structural, hysteresis, Mössbauer properties and electrical parameters of lightly Erbium substituted X-type Ba <sub>2</sub> Co <sub>2</sub> Er Fe <sub>28</sub> -O <sub>46</sub> hexaferrites. <i>Ceramics International</i> , <b>2020</b> , 46, 8209-8226	5.1	8
74	Effects of Pr-Al co-substitution on the magnetic and structural properties of M-type Ca-Sr hexaferrites. <i>Chinese Journal of Physics</i> , <b>2020</b> , 63, 337-347	3.5	11
73	Complex permittivity and complex permeability characteristics of Co <sup>2+</sup> doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	1
72	Tailoring of Electromagnetic Absorption in Substituted Hexaferrites from 8.2 GHz to 12.4 GHz. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 1646-1653	1.9	9
71	Robotic sentinel lymph node (SLN) mapping in endometrial cancer: SLN symmetry and implications of mapping failure. <i>International Journal of Gynecological Cancer</i> , <b>2020</b> , 30, 305-310	3.5	5
70	Cervical Squamous Intraepithelial Lesions: A Pathologist's Perspective <b>2019</b> , 71-82		
69	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> , <b>2019</b> , 40, 30-39	2.2	3
68	Interface magnetoelectric effect in elastically linked Co/PZT/Co layered structures. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 485, 291-296	2.8	14

67	Investigation of structural, hysteresis and electromagnetic parameters for microwave absorption application in doped BaBr hexagonal ferrites at X-band. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 806, 1220-1229	5.7	29
66	Elucidation of microwave absorption mechanisms in CoCa substituted BaBr hexaferrites in X-band. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 14995-15005	2.1	17
65	Preparation and investigation of structure, magnetic and dielectric properties of (BaFe <sub>11.9</sub> Al <sub>0.1</sub> O <sub>19</sub> ) <sub>1-x</sub> - (BaTiO <sub>3</sub> ) bicomponent ceramics. <i>Ceramics International</i> , <b>2018</b> , 44, 21295-21302	5.1	93
64	Nuclear Eatenin localization and mutation of the CTNNB1 gene: a context-dependent association. <i>Modern Pathology</i> , <b>2018</b> , 31, 1553-1559	9.8	50
63	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> , <b>2018</b> , 25, 70-73	1.3	3
62	A study of microwave absorbing properties in CoCd doped M-type BaBr hexaferrites prepared using ceramic method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 11969-11978	2.1	21
61	Structural phases, magnetic properties and MaxwellWagner type relaxation of CoFe <sub>2</sub> O <sub>4</sub> /Sr <sub>2</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> ferrite composites. <i>Materials Research Express</i> , <b>2017</b> , 4, 076105	1.7	5
60	Structural and magnetic properties of Co <sup>2+</sup> -W <sup>4+</sup> ions doped M-type Ba-Sr hexaferrites synthesized by a ceramic method. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 909-914	5.7	23
59	Wideband and Narrowband Microwave Characteristics of Co/Ti-Substituted M-Type Ca-Hexagonal Ferrite. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 866-871	1.9	1
58	Thickness and Composition Tailoring of K- and Ka-Band Microwave Absorption of BaCo <sub>x</sub> Ti <sub>x</sub> Fe <sub>(12-2x)</sub> O <sub>19</sub> Ferrites. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 718-728	1.9	28
57	Elucidation of phase evolution, microstructural, Mössbauer and magnetic properties of Co <sup>2+</sup> +Al <sup>3+</sup> doped M-type Ba Sr hexaferrites synthesized by a ceramic method. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 1112-1121	5.7	56
56	Microwave absorption characteristics of Co <sup>2+</sup> and W <sup>4+</sup> substituted M-type Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>x</sub> W <sub>x</sub> Fe <sub>12-2x</sub> O <sub>19</sub> hexagonal ferrites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 228-235	2.1	4
55	Investigation on structural and microwave absorption property of Co <sup>2+</sup> and Y <sup>3+</sup> substituted M-type Ba-Sr hexagonal ferrites prepared by a ceramic method. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 792-798	5.7	38
54	Microwave absorbing characteristics in Co <sup>2+</sup> and Al <sup>3+</sup> substituted Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>x</sub> Al <sub>x</sub> Fe <sub>12-2x</sub> O <sub>19</sub> hexagonal ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 2377-2384	2.1	22
53	Tunable microwave absorption in CoAl substituted M-type BaSr hexagonal ferrite. <i>Materials and Design</i> , <b>2016</b> , 110, 749-761	8.1	75
52	SchottkyRichardson, PooleBrenkel, and Space Charge Limited Current Mechanisms in M-Type Sr(MnTi) <sub>x</sub> Fe <sub>(12-2x)</sub> O <sub>19</sub> Ferrite. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 3639-3644	3.8	11
51	Microwave Characterization of Pb <sub>0.45</sub> Ca <sub>0.55</sub> (Fe <sub>0.5</sub> Nb <sub>0.5</sub> ) <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> Multiferroics at X-Band. <i>Journal of Electronic Materials</i> , <b>2016</b> , 45, 4908-4912	1.9	3
50	Microwave characterization of CoTi substituted barium hexagonal ferrites in X- band. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 405, 17-21	2.8	40

49	Quantitative Real-Time PCR: Recent Advances. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1392, 161-76	1.4	37
48	Isolated Calcaneal Metastasis: An Unusual Presentation of Lung Carcinoma as Heel Pain. <i>Clinical Nuclear Medicine</i> , <b>2016</b> , 41, 214-6	1.7	7
47	Thermoelectric and electrical properties of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>x</sub> Ru <sub>x</sub> Fe(12-x)O <sub>19</sub> ferrite*. <i>European Physical Journal B</i> , <b>2016</b> , 89, 1	1.2	
46	Patients With a History of Chemotherapy and Isolated del(20q) With Minimal Myelodysplasia Have an Indolent Course. <i>American Journal of Clinical Pathology</i> , <b>2016</b> , 145, 459-66	1.9	3
45	Investigation of microwave absorption and DC electrical properties of Mn <sup>2+</sup> and Ti <sup>4+</sup> substituted SrMn <sub>x</sub> Ti <sub>x</sub> Fe(12-x)O <sub>19</sub> ferrite. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 683, 302-307	5.7	23
44	Pfeiffer Syndrome Type II: Cloverleaf Skull and Hydrocephalus Discovered on Fetal MRI. <i>Journal of Pediatric Neuroradiology</i> , <b>2016</b> , 04, 064-067		
43	Microwave and electrical properties of Co-Ti substituted M-type Ba hexagonal ferrite. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	6
42	Microwave characterization of Pb <sub>1-x</sub> CaxFe <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> multiferroics at X-band. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	
41	Investigation of microwave and electrical characteristics of Co <sub>2x</sub> substituted M-type Ba <sub>8</sub> hexagonal ferrite. <i>Materials Science-Poland</i> , <b>2015</b> , 33, 335-339	0.6	4
40	Microwave and electrical characterization of M-type Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>x</sub> Ru <sub>x</sub> Fe(12-x)O <sub>19</sub> hexaferrite for practical applications. <i>Solid State Communications</i> , <b>2015</b> , 201, 72-75	1.6	18
39	Static conduction mechanisms in Co <sup>2+</sup> and Ti <sup>4+</sup> substituted M-type SrCo <sub>x</sub> Ti <sub>x</sub> Fe(12-2x)O <sub>19</sub> ferrite. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	1
38	Investigation of DC current models in Co <sup>2+</sup> and Ti <sup>4+</sup> substituted M-type BaCo <sub>x</sub> Ti <sub>x</sub> Fe(12-2x)O <sub>19</sub> ferrite. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	
37	Middle cerebral artery territory infarct due to Cryptococcus infection: an uncommon indication for cerebrospinal fluid analysis in stroke patients. <i>Diagnostic Cytopathology</i> , <b>2015</b> , 43, 632-4	1.4	3
36	Differential Diagnosis of Isolated Myeloid Sarcoma: A Case Report and Review of the Literature. <i>Hematology Reports</i> , <b>2015</b> , 7, 5709	0.9	15
35	Static current models in Co <sup>2+</sup> and Ti <sup>4+</sup> substituted M-type CaCo <sub>x</sub> Ti <sub>x</sub> Fe(12-x)O <sub>19</sub> ferrite. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	1
34	AC and DC properties of M-type SrCo <sub>x</sub> Ti <sub>x</sub> Fe(12-x)O <sub>19</sub> hexagonal ferrite. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1.2	
33	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> , <b>2014</b> , 138, 76-87	5	15
32	Paranuclear and extracellular globules in intraoperative cytology preparations of anaplastic large cell lymphoma. <i>Diagnostic Cytopathology</i> , <b>2014</b> , 42, 686-9	1.4	2

31	Hemophagocytosis in an adrenal aspirate: histiocytic sarcoma. <i>Diagnostic Cytopathology</i> , <b>2014</b> , 42, 863-7	1.4	4
30	A comparative evaluation of analgo-sedative effects of oral dexmedetomidine and ketamine: a triple-blind, randomized study. <i>Paediatric Anaesthesia</i> , <b>2014</b> , 24, 1252-9	1.8	18
29	Fine-needle aspiration diagnosis of metastatic intestinal-type sinonasal adenocarcinoma. <i>Diagnostic Cytopathology</i> , <b>2013</b> , 41, 153-8	1.4	1
28	Herxheimer spirals in a liquid-based Pap test showing radiation changes. <i>Diagnostic Cytopathology</i> , <b>2013</b> , 41, 144-5	1.4	
27	Recurrent anaplastic medulloblastoma in cerebrospinal fluid after autologous hematopoietic stem cell transplant. <i>Diagnostic Cytopathology</i> , <b>2013</b> , 41, 980-5	1.4	3
26	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> , <b>2013</b> , 7, 85-92	3.3	20
25	Anatomic study of the superior glenoid labrum. <i>Clinical Anatomy</i> , <b>2013</b> , 26, 367-76	2.5	16
24	Hemolytic anemia due to passenger lymphocyte syndrome in solid malignancy patients treated with allogeneic natural killer cell products. <i>Transfusion</i> , <b>2013</b> , 53, 419-23	2.9	22
23	Microwave absorption studies of M-type Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>x</sub> Ti <sub>x</sub> Fe <sub>(12-x)</sub> O <sub>19</sub> ferrite and its dependence on static properties <b>2012</b> ,		1
22	Renal angiomatous tumor. <i>Annals of Diagnostic Pathology</i> , <b>2012</b> , 16, 470-6	2.2	11
21	Microwave absorption characteristics of substituted Ba <sub>0.5</sub> Sr <sub>0.5</sub> M <sub>x</sub> Fe <sub>(12-x)</sub> O <sub>19</sub> (M = Co <sup>2+</sup> ?Zr <sup>4+</sup> AND Co <sup>2+</sup> ?Ti <sup>4+</sup> ) sintered ferrite at X-band. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1661-1665	1.2	16
20	Necrotic granulomatous pseudotumor following metal-on-metal hip arthroplasty: a potential mimic of sarcoma on fine needle aspiration cytology. <i>Diagnostic Cytopathology</i> , <b>2012</b> , 40 Suppl 2, E104-8	1.4	5
19	Cigar-shaped melanin granules in melanotic neuroectodermal tumor of infancy. <i>Diagnostic Cytopathology</i> , <b>2012</b> , 40, 716-8	1.4	3
18	Epithelioid angiosarcoma of the kidney: a diagnostic dilemma in fine-needle aspiration cytology. <i>Diagnostic Cytopathology</i> , <b>2012</b> , 40 Suppl 2, E131-9	1.4	12
17	Cytological diagnosis of metastatic alveolar rhabdomyosarcoma in the ascitic fluid: Report of a case highlighting the diagnostic difficulties. <i>CytoJournal</i> , <b>2012</b> , 9, 9	1.1	12
16	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> , <b>2011</b> , 41, 213-29	5.7	262
15	Microwave and electrical behavior of Co <sup>2+</sup> and Ru <sup>4+</sup> ions substituted Ba-Sr sintered ferrite. <i>Journal of Electroceramics</i> , <b>2011</b> , 27, 120-125	1.5	20
14	Electromagnetic properties of Co-Zr substituted Ba-Sr ferrite-paraffin wax composite for EMC/EMI applications <b>2011</b> ,		6

13	Florid capsular and pericapsular papillary endothelial proliferation associated with poorly differentiated thyroid carcinoma. <i>International Journal of Surgical Pathology</i> , <b>2011</b> , 19, 110-2	1.2	4
12	Foxp3+ regulatory T cells impede the priming of protective CD8+ T cells. <i>Journal of Immunology</i> , <b>2011</b> , 187, 2569-77	5.3	17
11	Pseudofungi: coral shapes and bamboo sticks in lymph node sinuses. <i>International Journal of Surgical Pathology</i> , <b>2010</b> , 18, 68-9	1.2	6
10	Buildup of gamma ray photons in flyash concretes: A study. <i>Annals of Nuclear Energy</i> , <b>2010</b> , 37, 681-684	1.7	28
9	Histiocytic corona around a glomeruloid intrafollicular polyp of the thyroid. <i>International Journal of Surgical Pathology</i> , <b>2009</b> , 17, 402-3	1.2	
8	Hysteresis analysis of Co <sup>2+</sup> substituted M-type Ba <sub>2</sub> Fe <sub>12</sub> O <sub>19</sub> hexagonal ferrite. <i>Materials Letters</i> , <b>2009</b> , 63, 1921-1924	5.3	79
7	The study of reduced transition probabilities for E2 transitions in the decays of <sup>192</sup> O <sub>8</sub> and <sup>192</sup> Pt nuclei. <i>Annals of Nuclear Energy</i> , <b>2009</b> , 36, 1484-1485	1.7	0
6	Microstructure, hysteresis and microwave absorption analysis of Ba <sub>1-x</sub> Sr <sub>x</sub> Fe <sub>12</sub> O <sub>19</sub> ferrite. <i>Materials Chemistry and Physics</i> , <b>2008</b> , 111, 225-231	4.4	25
5	Static magnetic properties of Co and Ru substituted Ba <sub>2</sub> Fe <sub>12</sub> O <sub>19</sub> ferrite. <i>Materials Research Bulletin</i> , <b>2008</b> , 43, 176-184	5.1	79
4	The effect of Co and Zr substitution on dc magnetic properties of Ba <sub>2</sub> Fe <sub>12</sub> O <sub>19</sub> ferrite. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 464, 429-433	5.7	46
3	Complex permittivity and complex permeability of Sr ions substituted Ba ferrite at X-band. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, 1657-1665	2.8	29
2	Effect of finite sample dimensions and total scatter acceptance angle on the gamma ray buildup factor. <i>Annals of Nuclear Energy</i> , <b>2008</b> , 35, 2414-2416	1.7	10
1	Crystal Structure, Magnetic Properties and Thermal Behavior of BaFe <sub>11.9</sub> In <sub>0.1</sub> O <sub>19</sub> Ferrite. <i>Physica Status Solidi (B): Basic Research</i> , 2100655	1.3	