

Sant Rayn S Pasricha

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

4,975
citations

87888

38
h-index

102487

66
g-index

99
all docs

99
docs citations

99
times ranked

6018
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron deficiency. <i>Lancet, The</i> , 2021, 397, 233-248.	13.7	396
2	Immediate impact of stay-at-home orders to control COVID-19 transmission on socioeconomic conditions, food insecurity, mental health, and intimate partner violence in Bangladeshi women and their families: an interrupted time series. <i>The Lancet Global Health</i> , 2020, 8, e1380-e1389.	6.3	318
3	Control of iron deficiency anemia in low- and middle-income countries. <i>Blood</i> , 2013, 121, 2607-2617.	1.4	300
4	Diagnosis and management of iron deficiency anaemia: a clinical update. <i>Medical Journal of Australia</i> , 2010, 193, 525-532.	1.7	226
5	Erythroferrone inhibits the induction of hepcidin by BMP6. <i>Blood</i> , 2018, 132, 1473-1477.	1.4	202
6	Determinants of Anemia Among Young Children in Rural India. <i>Pediatrics</i> , 2010, 126, e140-e149.	2.1	198
7	Effect of daily iron supplementation on health in children aged 4–23 months: a systematic review and meta-analysis of randomised controlled trials. <i>The Lancet Global Health</i> , 2013, 1, e77-e86.	6.3	177
8	Serum ferritin as an indicator of iron status: what do we need to know?. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1634S-1639S.	4.7	150
9	Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration for the Evaluation of Suspected Lymphoma. <i>Journal of Thoracic Oncology</i> , 2010, 5, 804-809.	1.1	149
10	Transfusion suppresses erythropoiesis and increases hepcidin in adult patients with β^2 -thalassemia major: a longitudinal study. <i>Blood</i> , 2013, 122, 124-133.	1.4	126
11	Iron Supplementation Benefits Physical Performance in Women of Reproductive Age: A Systematic Review and Meta-Analysis. <i>Journal of Nutrition</i> , 2014, 144, 906-914.	2.9	114
12	Assessment of iron status in settings of inflammation: challenges and potential approaches. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1626S-1633S.	4.7	111
13	Effects of daily iron supplementation in primary-school-aged children: systematic review and meta-analysis of randomized controlled trials. <i>Cmaj</i> , 2013, 185, E791-E802.	2.0	103
14	Expression of the Iron Hormone Hepcidin Distinguishes Different Types of Anemia in African Children. <i>Science Translational Medicine</i> , 2014, 6, 235re3.	12.4	95
15	Nrf2 controls iron homeostasis in haemochromatosis and thalassaemia via Bmp6 and hepcidin. <i>Nature Metabolism</i> , 2019, 1, 519-531.	11.9	88
16	Daily iron supplementation for improving anaemia, iron status and health in menstruating women. <i>The Cochrane Library</i> , 2016, 2016, CD009747.	2.8	84
17	Distinct patterns of hepcidin and iron regulation during HIV-1, HBV, and HCV infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12187-12192.	7.1	79
18	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. <i>Journal of Nutrition</i> , 2021, 151, 1854-1878.	2.9	79

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19	Serum hepcidin as a diagnostic test of iron deficiency in premenopausal female blood donors. <i>Haematologica</i> , 2011, 96, 1099-1105.	3.5	75
20	Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. <i>Clinical Chemistry</i> , 2016, 62, 993-1001.	3.2	73
21	Effects of Daily Iron Supplementation in 2- to 5-Year-Old Children: Systematic Review and Meta-analysis. <i>Pediatrics</i> , 2013, 131, 739-753.	2.1	72
22	Revisiting WHO haemoglobin thresholds to define anaemia in clinical medicine and public health. <i>Lancet Haematology</i> , 2018, 5, e60-e62.	4.6	69
23	Hepatic iron is the major determinant of serum ferritin in NAFLD patients. <i>Liver International</i> , 2018, 38, 164-173.	3.9	65
24	Serum Hepcidin Concentrations Decline during Pregnancy and May Identify Iron Deficiency: Analysis of a Longitudinal Pregnancy Cohort in The Gambia. <i>Journal of Nutrition</i> , 2017, 147, 1131-1137.	2.9	61
25	Use and interpretation of hemoglobin concentrations for assessing anemia status in individuals and populations: results from a WHO technical meeting. <i>Annals of the New York Academy of Sciences</i> , 2019, 1450, 5-14.	3.8	60
26	Iron and Cognitive Development: What Is the Evidence?. <i>Annals of Nutrition and Metabolism</i> , 2017, 71, 25-38.	1.9	59
27	Undernutrition among children in South and South-East Asia. <i>Journal of Paediatrics and Child Health</i> , 2010, 46, 497-503.	0.8	58
28	Hepcidin is suppressed by erythropoiesis in hemoglobin E β^2 -thalassemia and β^2 -thalassemia trait. <i>Blood</i> , 2015, 125, 873-880.	1.4	56
29	Iron deficiency in blood donors: a national cross-sectional study. <i>Transfusion</i> , 2014, 54, 2434-2444.	1.6	55
30	Reducing anaemia in low income countries: control of infection is essential. <i>BMJ: British Medical Journal</i> , 2018, 362, k3165.	2.3	55
31	Iron Deficiency Anemia. <i>Hematology/Oncology Clinics of North America</i> , 2016, 30, 309-325.	2.2	49
32	Regulation of Hepcidin by Erythropoiesis: The Story So Far. <i>Annual Review of Nutrition</i> , 2016, 36, 417-434.	10.1	47
33	Antibodies against the erythroferrone N-terminal domain prevent hepcidin suppression and ameliorate murine thalassemia. <i>Blood</i> , 2020, 135, 547-557.	1.4	47
34	Transcriptomic profiling of the myeloma bone-lining niche reveals BMP signalling inhibition to improve bone disease. <i>Nature Communications</i> , 2019, 10, 4533.	12.8	46
35	The Effect of Intermittent Antenatal Iron Supplementation on Maternal and Infant Outcomes in Rural Viet Nam: A Cluster Randomised Trial. <i>PLoS Medicine</i> , 2013, 10, e1001470.	8.4	45
36	Hepcidin is regulated by promoter-associated histone acetylation and HDAC3. <i>Nature Communications</i> , 2017, 8, 403.	12.8	45

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37	Anemia: a comprehensive global estimate. <i>Blood</i> , 2014, 123, 611-612.	1.4	44
38	Are Current Serum and Plasma Ferritin Cut-offs for Iron Deficiency and Overload Accurate and Reflecting Iron Status? A Systematic Review. <i>Archives of Medical Research</i> , 2018, 49, 405-417.	3.3	42
39	Anemia, Iron Deficiency, Meat Consumption, and Hookworm Infection in Women of Reproductive Age in Northwest Vietnam. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 375-381.	1.4	42
40	Should we screen for iron deficiency anaemia? A review of the evidence and recent recommendations. <i>Pathology</i> , 2012, 44, 139-147.	0.6	36
41	Rapid growth is a dominant predictor of hepcidin suppression and declining ferritin in Gambian infants. <i>Haematologica</i> , 2019, 104, 1542-1553.	3.5	34
42	Benefits and Risks of Iron Interventions in Infants in Rural Bangladesh. <i>New England Journal of Medicine</i> , 2021, 385, 982-995.	27.0	33
43	Rethinking ferritin cutoffs for iron deficiency and overload. <i>Lancet Haematology</i> , the, 2014, 1, e92-e94.	4.6	32
44	Net benefit and cost-effectiveness of universal iron-containing multiple micronutrient powders for young children in 78 countries: a microsimulation study. <i>The Lancet Global Health</i> , 2020, 8, e1071-e1080.	6.3	32
45	Respiratory infections drive hepcidin-mediated blockade of iron absorption leading to iron deficiency anemia in African children. <i>Science Advances</i> , 2019, 5, eaav9020.	10.3	30
46	Changes in micronutrient and inflammation serum biomarker concentrations after a norovirus human challenge. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1456-1464.	4.7	29
47	Hemoglobin and iron indices in nonanemic premenopausal blood donors predict future deferral from whole blood donation. <i>Transfusion</i> , 2011, 51, 2709-2713.	1.6	28
48	Vitamin B-12, folate, iron, and vitamin A concentrations in rural Indian children are associated with continued breastfeeding, complementary diet, and maternal nutrition. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1358-1370.	4.7	28
49	Vaccine efficacy and iron deficiency: an intertwined pair?. <i>Lancet Haematology</i> , the, 2021, 8, e666-e669.	4.6	28
50	Anemia, iron deficiency, meat consumption, and hookworm infection in women of reproductive age in northwest Vietnam. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 375-81.	1.4	26
51	Estimating prevalence of functional iron deficiency anaemia in advanced cancer. <i>Supportive Care in Cancer</i> , 2017, 25, 1209-1214.	2.2	25
52	Fortification of maize flour with iron for controlling anaemia and iron deficiency in populations. <i>The Cochrane Library</i> , 2018, 2018, CD010187.	2.8	25
53	Factors Influencing Receipt of Iron Supplementation by Young Children and their Mothers in Rural India: Local and National Cross-Sectional Studies. <i>BMC Public Health</i> , 2011, 11, 617.	2.9	21
54	Hepcidin detects iron deficiency in <sc>S</sc>ri <sc>L</sc>ankan adolescents with a high burden of hemoglobinopathy: A diagnostic test accuracy study. <i>American Journal of Hematology</i> , 2017, 92, 196-203.	4.1	21

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55	Serum or plasma ferritin concentration as an index of iron deficiency and overload. The Cochrane Library, 2021, 2021, CD011817.	2.8	21
56	Fortification of maize flour with iron for preventing anaemia and iron deficiency in populations. The Cochrane Library, 0, , .	2.8	20
57	A community based field research project investigating anaemia amongst young children living in rural Karnataka, India: a cross sectional study. BMC Public Health, 2009, 9, 59.	2.9	19
58	Bone-marrow plasma cell burden correlates with IgM paraprotein concentration in Waldenström macroglobulinaemia. Journal of Clinical Pathology, 2011, 64, 520-523.	2.0	19
59	Transient decrease of serum iron after acute erythropoietin treatment contributes to hepcidin inhibition by ERFE in mice. Haematologica, 2019, 104, e87-e90.	3.5	19
60	A double blind randomised controlled trial comparing standard dose of iron supplementation for pregnant women with two screen-and-treat approaches using hepcidin as a biomarker for ready and safe to receive iron. BMC Pregnancy and Childbirth, 2016, 16, 157.	2.4	18
61	Baseline Iron Indices as Predictors of Hemoglobin Improvement in Anemic Vietnamese Women Receiving Weekly Iron-Folic Acid Supplementation and Deworming. American Journal of Tropical Medicine and Hygiene, 2009, 81, 1114-1119.	1.4	17
62	Hepcidin-guided screen-and-treat interventions against iron-deficiency anaemia in pregnancy: a randomised controlled trial in The Gambia. The Lancet Global Health, 2019, 7, e1564-e1574.	6.3	17
63	Postdonation iron replacement for maintaining iron stores in female whole blood donors in routine donor practice: results of two feasibility studies in Australia. Transfusion, 2017, 57, 1922-1929.	1.6	16
64	Benefits and risks of Iron interventions in children (BRISC): protocol for a three-arm parallel-group randomised controlled field trial in Bangladesh. BMJ Open, 2017, 7, e018325.	1.9	16
65	Induced Disruption of the Iron-Regulatory Hormone Hepcidin Inhibits Acute Inflammatory Hypoferraemia. Journal of Innate Immunity, 2016, 8, 517-528.	3.8	15
66	Preanalytic and analytic factors affecting the measurement of haemoglobin concentration: impact on global estimates of anaemia prevalence. BMJ Global Health, 2021, 6, e005756.	4.7	14
67	Protocol for a multicentre, parallel-group, open-label randomised controlled trial comparing ferric carboxymaltose with the standard of care in anaemic Malawian pregnant women: the REVAMP trial. BMJ Open, 2021, 11, e053288.	1.9	12
68	A multicenter phase 2 study of risk-adjusted salvage chemotherapy incorporating vinorelbine and gemcitabine for relapsed and refractory lymphoma. Cancer, 2008, 113, 3192-3198.	4.1	11
69	Serum or plasma ferritin concentration as an index of iron deficiency and overload. The Cochrane Library, 0, , .	2.8	11
70	Is Serial Testing Required to Diagnose Imported Malaria in the Era of Rapid Diagnostic Tests?. American Journal of Tropical Medicine and Hygiene, 2013, 88, 20-23.	1.4	10
71	Complications of HbH disease in adulthood. British Journal of Haematology, 2014, 167, 136-139.	2.5	10
72	Integration to Implementation and the Micronutrient Forum: A Coordinated Approach for Global Nutrition. Case Study Application: Safety and Effectiveness of Iron Interventions. Advances in Nutrition, 2016, 7, 135-148.	6.4	10

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73	Urolithiasis is prevalent and associated with reduced bone mineral density in β -thalassaemia major. Internal Medicine Journal, 2017, 47, 1064-1067.	0.8	10
74	Alectinib induces marked red cell spherocanthocytosis in a near-ubiquitous fashion and is associated with reduced eosin-5-maleimide binding. Pathology, 2021, 53, 608-612.	0.6	9
75	Heterogeneous hemoglobin lower thresholds in clinical laboratories. American Journal of Hematology, 2018, 93, E142-E144.	4.1	8
76	Decreased Hepcidin Levels Are Associated with Low Steady-state Hemoglobin in Children With Sickle Cell Disease in Tanzania. EBioMedicine, 2018, 34, 158-164.	6.1	8
77	Anemia and water, sanitation, and hygiene (WASH) "is there really a link?. American Journal of Clinical Nutrition, 2020, 112, 1145-1146.	4.7	8
78	Soluble transferrin receptor and depth of bone marrow suppression following high dose chemotherapy. Supportive Care in Cancer, 2009, 17, 847-850.	2.2	6
79	Is it time for hepcidin to join the diagnostic toolkit for iron deficiency?. Expert Review of Hematology, 2012, 5, 153-155.	2.2	6
80	Anaemia in Pregnancy - Not Just Iron Deficiency. Acta Haematologica, 2013, 130, 279-280.	1.4	6
81	Hemoglobinopathies in the Fetal Position. New England Journal of Medicine, 2018, 379, 1675-1677.	27.0	6
82	Balancing Safety and Potential for Impact in Universal Iron Interventions. Nestle Nutrition Institute Workshop Series, 2020, 93, 51-62.	0.1	5
83	The Benefits and Risks of Iron interventionS in Children (BRISC) trial: Statistical analysis plan. F1000Research, 2020, 9, 427.	1.6	5
84	An implementation research programme to support an intravenous iron intervention for pregnant women with moderate and severe anaemia in Malawi: study protocol. Implementation Science Communications, 2022, 3, .	2.2	5
85	Management of hydroxyurea resistant or intolerant polycythemia vera. Leukemia and Lymphoma, 2021, 62, 1-10.	1.3	4
86	A Randomized controlled trial of the Effect of intraVenous iron on Anaemia in Malawian Pregnant women (REVAMP): Statistical analysis plan. Gates Open Research, 0, 5, 174.	1.1	4
87	Benign Cardiac Effects of Hemoglobin H Disease. Acta Haematologica, 2016, 135, 200-207.	1.4	2
88	Finding ferritin in the plateaus and valleys of iron deficiency. Lancet Haematology,the, 2021, 8, e539-e540.	4.6	2
89	Risk-Benefit and Cost-Effectiveness of Universal Iron Interventions for Public Health Control of Anemia in Young Children in 78 Countries: A Microsimulation Study. Blood, 2018, 132, 2276-2276.	1.4	2
90	Zinc Supplementation with or without Additional Micronutrients Does Not Affect Peripheral Blood Gene Expression or Serum Cytokine Level in Bangladeshi Children. Nutrients, 2021, 13, 3516.	4.1	2

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91	A Randomized controlled trial of the Effect of intraVenous iron on Anaemia in Malawian Pregnant women (REVAMP): Statistical analysis plan. Gates Open Research, 2021, 5, 174.	1.1	2
92	AGA Clinical Practice Guidelines on the Gastrointestinal Evaluation of Iron Deficiency Anemia. Gastroenterology, 2021, 160, 2618-2620.	1.8	1
93	Safety of rapid injection of undiluted ferric carboxymaltose to patients with iron deficiency anaemia: a Phase II single-arm study. Internal Medicine Journal, 2021, 51, 1304-1311.	0.8	1
94	Erythroferrone Inhibits the Induction of Hepcidin By BMP6. Blood, 2018, 132, 850-850.	1.4	1
95	Short report: soluble transferrin receptor and depth of bone marrow suppression following high dose chemotherapy. Pathology, 2009, 41, 85-86.	0.6	0
96	Mechanisms, mishaps and manipulation of iron uptake. HemaSphere, 2019, 3, 104-108.	2.7	0
97	Antibodies Against the Erythroferrone N-Terminal Domain Prevent Hepcidin Suppression and Ameliorate Murine Thalassemia. Blood, 2019, 134, 964-964.	1.4	0