

Guillermo A Herrera

List of Publications by Citations

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104
papers

2,980
citations

30
h-index

53
g-index

106
ext. papers

3,392
ext. citations

3.1
avg, IF

5.12
L-index

#	Paper	IF	Citations
104	Diagnosis of monoclonal gammopathy of renal significance. <i>Kidney International</i> , 2015 , 87, 698-711	9.9	261
103	The tropism of organ involvement in primary systemic amyloidosis: contributions of Ig V(L) germ line gene use and clonal plasma cell burden. <i>Blood</i> , 2001 , 98, 714-20	2.2	210
102	The evaluation of monoclonal gammopathy of renal significance: a consensus report of the International Kidney and Monoclonal Gammopathy Research Group. <i>Nature Reviews Nephrology</i> , 2019 , 15, 45-59	14.9	189
101	The pathogenesis and diagnosis of acute kidney injury in multiple myeloma. <i>Nature Reviews Nephrology</i> , 2011 , 8, 43-51	14.9	178
100	Malignant small bowel neoplasm of enteric plexus derivation (plexosarcoma). Light and electron microscopic study confirming the origin of the neoplasm. <i>Digestive Diseases and Sciences</i> , 1984 , 29, 275-84	4	121
99	AL-amyloidosis and light-chain deposition disease light chains induce divergent phenotypic transformations of human mesangial cells. <i>Laboratory Investigation</i> , 2004 , 84, 1322-38	5.9	103
98	Different types of glomerulopathic light chains interact with mesangial cells using a common receptor but exhibit different intracellular trafficking patterns. <i>Laboratory Investigation</i> , 2004 , 84, 440-51	5.9	96
97	Renal pathologic spectrum in an autopsy series of patients with plasma cell dyscrasia. <i>Archives of Pathology and Laboratory Medicine</i> , 2004 , 128, 875-9	5	96
96	Human Bence Jones protein toxicity in rat proximal tubule epithelium in vivo. <i>Kidney International</i> , 1987 , 32, 851-61	9.9	79
95	S-100 protein expression by primary and metastatic adenocarcinomas. <i>American Journal of Clinical Pathology</i> , 1988 , 89, 168-76	1.9	78
94	Acute cryoglobulinemic renal failure after intravenous infusion of gamma globulin. <i>American Journal of Medicine</i> , 1987 , 82, 624-9	2.4	72
93	AL-amyloidosis is underdiagnosed in renal biopsies. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 3050-3	4.3	67
92	Cytomegalovirus glomerulopathy: a controversial lesion. <i>Kidney International</i> , 1986 , 29, 725-33	9.9	67
91	Renal diseases with organized deposits: an algorithmic approach to classification and clinicopathologic diagnosis. <i>Archives of Pathology and Laboratory Medicine</i> , 2010 , 134, 512-31	5	67
90	Renal manifestations of plasma cell dyscrasias: an appraisal from the patients bedside to the research laboratory. <i>Annals of Diagnostic Pathology</i> , 2000 , 4, 174-200	2.2	65
89	Malignant salivary tumors--analysis of prognostic factors and survival. <i>Head & Neck</i> , 1986 , 9, 82-92		63
88	The burden of "sticky" amyloid: typing challenges. <i>Archives of Pathology and Laboratory Medicine</i> , 2007 , 131, 850-1	5	61

87	Proximal tubulopathies associated with monoclonal light chains: the spectrum of clinicopathologic manifestations and molecular pathogenesis. <i>Archives of Pathology and Laboratory Medicine</i> , 2014 , 138, 1365-80	5	49
86	Matrix metalloproteinases and mesangial remodeling in light chain-related glomerular damage. <i>Kidney International</i> , 2005 , 68, 1590-603	9.9	44
85	Ultrastructural immunolabeling: a unique diagnostic tool in monoclonal light chain-related renal diseases. <i>Ultrastructural Pathology</i> , 1994 , 18, 401-16	1.3	43
84	Light chain crystal deposition as a manifestation of plasma cell dyscrasias: the role of immunoelectron microscopy. <i>Human Pathology</i> , 2003 , 34, 270-7	3.7	40
83	Immunoglobulin heavy chain can be amyloidogenic: morphologic characterization including immunoelectron microscopy. <i>American Journal of Surgical Pathology</i> , 2003 , 27, 541-5	6.7	39
82	Monoclonal light chain--mesangial cell interactions: early signaling events and subsequent pathologic effects. <i>Laboratory Investigation</i> , 2001 , 81, 689-703	5.9	39
81	Renal lesions associated with plasma cell dyscrasias: practical approach to diagnosis, new concepts, and challenges. <i>Archives of Pathology and Laboratory Medicine</i> , 2009 , 133, 249-67	5	39
80	Light-chain-mediated acute tubular interstitial nephritis: a poorly recognized pattern of renal disease in patients with plasma cell dyscrasia. <i>Archives of Pathology and Laboratory Medicine</i> , 2006 , 130, 165-9	5	39
79	The Value of Electron Microscopy in the Diagnosis and Clinical Management of Lupus Nephritis. <i>Ultrastructural Pathology</i> , 1999 , 23, 63-77	1.3	38
78	Morphologic alterations of the proximal tubules in light chain-related renal disease. <i>Kidney International</i> , 1988 , 33, 881-9	9.9	38
77	An animal model of glomerular light-chain-associated amyloidogenesis depicts the crucial role of lysosomes. <i>Kidney International</i> , 2014 , 86, 738-46	9.9	33
76	Plasticity of mesangial cells: a basis for understanding pathological alterations. <i>Ultrastructural Pathology</i> , 2006 , 30, 471-9	1.3	32
75	Organized Deposits in the Kidney and Look-Alikes. <i>Ultrastructural Pathology</i> , 2003 , 27, 295-312	1.3	30
74	An in vitro model of light chain deposition disease. <i>Kidney International</i> , 2009 , 75, 634-45	9.9	28
73	Animal models of monoclonal immunoglobulin-related renal diseases. <i>Nature Reviews Nephrology</i> , 2018 , 14, 246-264	14.9	27
72	Human matrix metalloproteinases: characteristics and pathologic role in altering mesangial homeostasis. <i>Microscopy Research and Technique</i> , 2008 , 71, 371-9	2.8	26
71	The liquid biopsy in lung cancer. <i>Genes and Cancer</i> , 2016 , 7, 355-367	2.9	25
70	Glomerulopathies with organized deposits. <i>Seminars in Diagnostic Pathology</i> , 2002 , 19, 116-32	4.3	25

69	Role of electron microscopy in transplant renal pathology. <i>Ultrastructural Pathology</i> , 1997 , 21, 481-98	1.3	23
68	Increased Nicotinamide Phosphoribosyltransferase and Cystathionine- β -Synthase in Renal Oncocytomas, Renal Urothelial Carcinoma, and Renal Clear Cell Carcinoma. <i>Anticancer Research</i> , 2017 , 37, 3423-3427	2.3	22
67	Ultrastructural immunolabeling in the diagnosis of monoclonal light-and heavy-chain-related renal diseases. <i>Ultrastructural Pathology</i> , 2010 , 34, 161-73	1.3	21
66	Role of translational research advancing the understanding of the pathogenesis of light chain-mediated glomerulopathies. <i>Pathology International</i> , 2007 , 57, 398-412	1.8	21
65	The mesangium as a target for glomerulopathic light and heavy chains: pathogenic considerations in light and heavy chain-mediated glomerular damage. <i>Contributions To Nephrology</i> , 2007 , 153, 116-34	1.6	20
64	Urinary κ -Microglobulin Is a Good Indicator of Proximal Tubule Injury: A Correlative Study with Renal Biopsies. <i>Journal of Biomarkers</i> , 2014 , 2014, 492838	0	19
63	Clinicopathologic predictors of renal outcomes in light chain cast nephropathy: a multicenter retrospective study. <i>Blood</i> , 2020 , 135, 1833-1846	2.2	18
62	Ultrastructural immunolabeling in renal diseases. Past, present and future expectations. <i>Pathology and Immunopathology Research</i> , 1987 , 6, 51-63		18
61	Light microscopic, S-100 immunostaining, and ultrastructural analysis of dermatopathic lymphadenopathy, with and without associated mycosis fungoides. <i>American Journal of Clinical Pathology</i> , 1987 , 87, 187-95	1.9	17
60	Extrusion of amyloid fibrils to the extracellular space in experimental mesangial AL-amyloidosis: transmission and scanning electron microscopy studies and correlation with renal biopsy observations. <i>Ultrastructural Pathology</i> , 2014 , 38, 104-15	1.3	16
59	A Substantial Structural Conversion of the Native Monomer Leads to in-Register Parallel Amyloid Fibril Formation in Light-Chain Amyloidosis. <i>ChemBioChem</i> , 2019 , 20, 1027-1031	3.8	16
58	Ultrastructural immunolabeling: a general overview of techniques and applications. <i>Ultrastructural Pathology</i> , 1992 , 16, 37-45	1.3	15
57	Ultrastructural studies of malignant cells in fluids. <i>Diagnostic Cytopathology</i> , 1985 , 1, 272-85	1.4	15
56	Low molecular weight proteins and the kidney: physiologic and pathologic considerations. <i>Ultrastructural Pathology</i> , 1994 , 18, 89-98	1.3	14
55	Understanding Mesangial Pathobiology in AL-Amyloidosis and Monoclonal Ig Light Chain Deposition Disease. <i>Kidney International Reports</i> , 2020 , 5, 1870-1893	4.1	14
54	The CDR1 and Other Regions of Immunoglobulin Light Chains are Hot Spots for Amyloid Aggregation. <i>Scientific Reports</i> , 2019 , 9, 3123	4.9	13
53	Atypical amyloidosis: diagnostic challenges and the role of immunoelectron microscopy in diagnosis. <i>Ultrastructural Pathology</i> , 2004 , 28, 75-82	1.3	13
52	Electron microscopy in the diagnosis of BK-polyoma virus infection in the transplanted kidney. <i>Ultrastructural Pathology</i> , 2005 , 29, 469-74	1.3	13

51	Immunotactoid Glomerulopathy and Cryoglobulinemic Nephropathy: Two Entities with Many Similarities. A Unified Conceptual Approach. <i>Ultrastructural Pathology</i> , 2015 , 39, 270-80	1.3	12
50	The many faces of cryoglobulinemic nephropathy: a clinico-pathologic study of 47 cases with emphasis on the value of electron microscopy. <i>Ultrastructural Pathology</i> , 2014 , 38, 367-76	1.3	12
49	Silver Stains In Diagnostic Renal Pathology. <i>Journal of Histotechnology</i> , 1996 , 19, 219-223	1.3	10
48	Mesangial homeostasis and pathobiology: their role in health and disease. <i>Contributions To Nephrology</i> , 2011 , 169, 6-22	1.6	9
47	Dendritic cells in renal biopsies of patients with acute tubulointerstitial nephritis. <i>Human Pathology</i> , 2016 , 54, 113-20	3.7	9
46	Ultrastructural immunolabeling in diagnostic surgical pathology: illustrative cases. <i>Ultrastructural Pathology</i> , 1992 , 16, 71-85	1.3	8
45	Tubular Injury and Dendritic Cell Activation Are Integral Components of Light Chain-Associated Acute Tubulointerstitial Nephritis. <i>Archives of Pathology and Laboratory Medicine</i> , 2019 , 143, 1212-1224	5	7
44	Animal Models of Light Chain Deposition Disease Provide a Better Understanding of Nodular Glomerulosclerosis. <i>Nephron</i> , 2016 , 132, 119-36	3.3	7
43	Contribution of human smooth muscle cells to amyloid angiopathy in AL (light-chain) amyloidosis. <i>Ultrastructural Pathology</i> , 2017 , 41, 358-368	1.3	5
42	Hepatoblastoma in a 15-Month-Old Male: Cytomorphology, Electron Microscopy, and Differential Diagnosis. <i>Ultrastructural Pathology</i> , 2003 , 27, 369-373	1.3	5
41	Renal Biopsy as a Primary Diagnostic Tool in Plasma Cell Dyscrasias 1998 , 3, 183-189		5
40	Light chain deposition disease (nodular glomerulopathy, kappa light chain deposition disease): a case report. <i>Ultrastructural Pathology</i> , 1994 , 18, 119-26	1.3	5
39	Ultrastructural heterogeneity of pulmonary scar adenocarcinomas: correlation with patientsT survival. <i>Ultrastructural Pathology</i> , 1988 , 12, 265-77	1.3	5
38	Ultrastructural Characteristics of Gallbladder Epithelial Inclusions Mimicking Cystoisospora. <i>American Journal of Clinical Pathology</i> , 2020 , 153, 88-93	1.9	5
37	Glomerulopathic Light Chain-Mesangial Cell Interactions: Sortilin-Related Receptor (SORL1) and Signaling. <i>Kidney International Reports</i> , 2021 , 6, 1379-1396	4.1	5
36	Thyroid-Like Low-Grade Nasopharyngeal Papillary Adenocarcinoma with Biphasic Histology. <i>Case Reports in Pathology</i> , 2020 , 2020, 3275916	0.9	4
35	Phenotypic plasticity of mesenchymal stem cells is crucial for mesangial repair in a model of immunoglobulin light chain-associated mesangial damage. <i>Ultrastructural Pathology</i> , 2018 , 42, 262-288	1.3	4
34	Glomerular repair: present status and future expectations. <i>Contributions To Nephrology</i> , 2011 , 169, 351-362		4

33	Gastrointestinal Stromal Tumors: Current Concepts and Controversies 2002 , 7, 226-233		4
32	Ultrastructural and immunocytochemical features of a case of neuroendocrine carcinoma developing in a prior ileostomy site. <i>Ultrastructural Pathology</i> , 1994 , 18, 503-9	1.3	4
31	Current role of electron microscopy in the diagnosis of pigmented tumors. <i>Seminars in Diagnostic Pathology</i> , 2003 , 20, 60-71	4.3	4
30	The kidney in plasma cell dyscrasias: a current view and a look at the future. <i>Contributions To Nephrology</i> , 2007 , 153, 1-4	1.6	3
29	The ultrastructural and immunohistochemical heterogeneity of CD-30-positive neoplasms: so-called anaplastic large cell Ki-1 lymphomas. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2001 , 34, 19-28		3
28	Microanalytical techniques and image analysis in the evaluation of immunogold-labeled specimens at the ultrastructural level. <i>Ultrastructural Pathology</i> , 1992 , 16, 127-35	1.3	3
27	Healing the damaged mesangium in nodular glomerulosclerosis using mesenchymal stem cells (MSCs): Expectations and challenges. <i>Ultrastructural Pathology</i> , 2016 , 40, 61-70	1.3	3
26	Metastatic TFE3-overexpressing renal clear cell carcinoma with dense granules: a histological, immunohistochemical, and ultrastructural study. <i>Ultrastructural Pathology</i> , 2018 , 42, 369-375	1.3	2
25	Renal amyloidosis: current views on pathogenesis and impact on diagnosis. <i>Contributions To Nephrology</i> , 2011 , 169, 232-246	1.6	2
24	Malignant ovarian tumors in two heifers. <i>Journal of Veterinary Diagnostic Investigation</i> , 1996 , 8, 265-7	1.5	2
23	Renal amyloidosis with emphasis on the diagnostic role of electron microscopy. <i>Ultrastructural Pathology</i> , 2020 , 44, 325-341	1.3	2
22	Circulating monoclonal light chains and acute kidney injury: the role of the renal biopsy with emphasis on ultrastructural evaluation in assessing and understanding renal injury. <i>Ultrastructural Pathology</i> , 2015 , 39, 159-68	1.3	1
21	Animal models: a pot of gold. <i>Blood</i> , 2006 , 108, 414-414	2.2	1
20	Differential Diagnosis of Amyloid in Surgical Pathology: Organized Deposits and Other Materials in the Differential Diagnosis of Amyloidosis 2012 , 113-127		1
19	Differential Diagnosis of Amyloid in Surgical Pathology: Organized Deposits and Other Materials in the Differential Diagnosis of Amyloidosis. <i>Current Clinical Pathology</i> , 2015 , 135-152	0.1	1
18	Light chain-related tubulointerstitial nephropathy 1988 , 117-121		1
17	Electron microscopy in renal pathology: overall applications and guidelines for tissue, collection, preparation, and stains. <i>Ultrastructural Pathology</i> , 2021 , 45, 1-18	1.3	1
16	Renal amyloidosis: Pathogenesis. <i>Ultrastructural Pathology</i> , 2021 , 45, 267-275	1.3	1

15	Monoclonal glomerulopathy with features of cryoglobulinemic glomerulopathy in murine multiple myeloma model. <i>Ultrastructural Pathology</i> , 2020 , 44, 387-394	1.3	0
14	Multiple myeloma presenting as acute tubulointerstitial nephritis. <i>Autopsy and Case Reports</i> , 2021 , 11, e2021328	0.6	0
13	From the Light Chain Sequence to the Tissue Microenvironment: Contribution of the Mesangial Cells to Glomerular Amyloidosis. <i>Hemato</i> , 2022 , 3, 232-267	0.2	0
12	Understanding mesangial pathobiology in health and disease. <i>Ultrastructural Pathology</i> , 2017 , 41, 92-93	1.3	
11	Plasticity of mesenchymal stem cells (MSCs) in mesangial repair: The crucial role of electron microscopy (EM) monitoring and understanding the process. <i>Ultrastructural Pathology</i> , 2017 , 41, 97-97	1.3	
10	From the editor in chief. <i>Ultrastructural Pathology</i> , 2020 , 44, 1	1.3	
9	A case of HIV associated cryptococcal nephritis: Ultrastructural findings and literature review. <i>Ultrastructural Pathology</i> , 2018 , 42, 193-197	1.3	
8	Reply to Sim et al. Letter to the Editor: Electron Microscopy Is Crucial in Establishing or Confirming a Diagnosis of Cryoglobulinemic Nephropathy. <i>Ultrastructural Pathology</i> , 2015 , 39, 357-8	1.3	
7	Renal Diseases Associated With Multiple Myeloma and Related Plasma Cell Dyscrasias 2004 , 281-302		
6	Fibronectin Glomerulopathy 2018 , 1-8		
5	Potent Inhibition of the Growth and Induction of Apoptosis in Lymphoma By the Anthelmintic Drug Niclosamide: In Vitro Data. <i>Blood</i> , 2015 , 126, 5131-5131	2.2	
4	Light/Heavy Chain Deposition Disease as a Systemic Disorder 2012 , 129-141		
3	Fibronectin Glomerulopathy 2019 , 857-864		
2	Hepatoblastoma in a 15-Month-Old Male: Cytomorphology, Electron Microscopy, and Differential Diagnosis. <i>Ultrastructural Pathology</i> , 2003 , 27, 369-373	1.3	
1	Organized Deposits in the Kidney and Look-Alikes. <i>Ultrastructural Pathology</i> , 2003 , 27, 295-312	1.3	