

# Bernard Perbal

## List of Publications by Year in descending order

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99  
papers

4,698  
citations

87888

38  
h-index

98798

67  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4468  
citing authors

#	ARTICLE	IF	CITATIONS
1	CCN proteins: multifunctional signalling regulators. <i>Lancet, The</i> , 2004, 363, 62-64.	13.7	649
2	The CCN family of proteins: structureâ€“function relationships. <i>Trends in Biochemical Sciences</i> , 2008, 33, 461-473.	7.5	367
3	Regulatory T cells promote myelin regeneration in the central nervous system. <i>Nature Neuroscience</i> , 2017, 20, 674-680.	14.8	343
4	The Nephroblastoma Overexpressed Gene (NOV/ccn3) Protein Associates with Notch1 Extracellular Domain and Inhibits Myoblast Differentiation via Notch Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 29399-29405.	3.4	186
5	A structural approach to the role of CCN (CYR61/CTGF/NOV) proteins in tumourigenesis. <i>Cancer Cell International</i> , 2003, 3, 15.	4.1	148
6	CCN3 (NOV) Interacts with Connexin43 in C6 Glioma Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 36943-36950.	3.4	145
7	Connexin43 Interacts with NOV. <i>Journal of Biological Chemistry</i> , 2004, 279, 36931-36942.	3.4	138
8	Cooperative Regulation of Chondrocyte Differentiation by CCN2 and CCN3 Shown by a Comprehensive Analysis of the CCN Family Proteins in Cartilage. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1751-1764.	2.8	107
9	CCN3 (NOV) Is a Negative Regulator of CCN2 (CTGF) and a Novel Endogenous Inhibitor of the Fibrotic Pathway in an in Vitro Model of Renal Disease. <i>American Journal of Pathology</i> , 2009, 174, 1725-1734.	3.8	101
10	The Expression of ccn3(nov) Gene in Musculoskeletal Tumors. <i>American Journal of Pathology</i> , 2002, 160, 849-859.	3.8	99
11	CCN3 controls 3D spatial localization of melanocytes in the human skin through DDR1. <i>Journal of Cell Biology</i> , 2006, 175, 563-569.	5.2	94
12	CCN proteins and cancer: two to tango. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 998.	3.0	91
13	In Ewing's sarcoma CCN3(NOV) inhibits proliferation while promoting migration and invasion of the same cell type. <i>Oncogene</i> , 2005, 24, 4349-4361.	5.9	90
14	The CCN family of genes: a perspective on CCN biology and therapeutic potential. <i>Journal of Cell Communication and Signaling</i> , 2007, 1, 159-164.	3.4	79
15	CCN proteins: A centralized communication network. <i>Journal of Cell Communication and Signaling</i> , 2013, 7, 169-177.	3.4	76
16	<i>CCN3</i> Inhibits Neointimal Hyperplasia Through Modulation of Smooth Muscle Cell Growth and Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 675-682.	2.4	74
17	The official unified nomenclature adopted by the HGNC calls for the use of the acronyms, CCN1â€“6, and discontinuation in the use of CYR61, CTGF, NOV and WISP 1â€“3 respectively. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 625-629.	3.4	73
18	Differential roles of CCN family proteins during osteoblast differentiation: Involvement of Smad and MAPK signaling pathways. <i>Bone</i> , 2011, 49, 975-989.	2.9	71

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19	CCN3/Nephroblastoma Overexpressed Matricellular Protein Regulates Integrin Expression, Adhesion, and Dissemination in Melanoma. <i>Cancer Research</i> , 2008, 68, 715-723.	0.9	64
20	A novel mechanism for BCR-ABL action: stimulated secretion of CCN3 is involved in growth and differentiation regulation. <i>Blood</i> , 2006, 108, 1716-1723.	1.4	63
21	The concept of the CCN protein family revisited: a centralized coordination network. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 3-12.	3.4	63
22	NOV (CCN3) regulation in the growth plate and CCN family member expression in cartilage neoplasia. <i>Journal of Pathology</i> , 2003, 201, 609-615.	4.5	61
23	CCN Proteins. , 2005, , .		61
24	Biosynthesis of Escherichia coli aspartate transcarbamylase. <i>Journal of Molecular Biology</i> , 1972, 70, 511-529.	4.2	59
25	CCN family of proteins: critical modulators of the tumor cell microenvironment. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 229-240.	3.4	59
26	Prognostic Value of CCN3 in Osteosarcoma. <i>Clinical Cancer Research</i> , 2008, 14, 701-709.	7.0	58
27	A novel role of CCN3 in regulating endothelial inflammation. <i>Journal of Cell Communication and Signaling</i> , 2010, 4, 141-153.	3.4	57
28	Expression of the human NOV gene in first trimester fetal tissues. <i>Anatomy and Embryology</i> , 2001, 203, 417-427.	1.5	56
29	Nuclear addressing provides a clue for the transforming activity of amino-truncated CCN3 proteins. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 105-116.	2.6	56
30	CCN3 Impairs Osteoblast and Stimulates Osteoclast Differentiation to Favor Breast Cancer Metastasis to Bone. <i>American Journal of Pathology</i> , 2011, 178, 2377-2388.	3.8	54
31	Activation of cancer-associated fibroblasts is required for tumor neovascularization in a murine model of melanoma. <i>Matrix Biology</i> , 2018, 74, 52-61.	3.6	52
32	CCN Proteins Are Distinct from and Should Not Be Considered Members of the Insulin-Like Growth Factor-Binding Protein Superfamily. <i>Endocrinology</i> , 2000, 141, 2254-2256.	2.8	49
33	Communication is the key. <i>Cell Communication and Signaling</i> , 2003, 1, 3.	6.5	49
34	Antagonistic Effect of the Matricellular Signaling Protein CCN3 on TGF- $\beta$ 2- and Wnt-Mediated Fibrillinogenesis in Systemic Sclerosis and Marfan Syndrome. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1514-1523.	0.7	47
35	Patterns of specific genomic alterations associated with poor prognosis in high-grade renal cell carcinomas. <i>Cancer Genetics and Cytogenetics</i> , 2001, 130, 105-110.	1.0	44
36	Matricellular protein CCN3 mitigates abdominal aortic aneurysm. <i>Journal of Clinical Investigation</i> , 2016, 126, 1282-1299.	8.2	44

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37	Potential cellular conformations of the CCN3(NOV) protein. Cell Communication and Signaling, 2004, 2, 9.	6.5	41
38	Inhibitory effect of CT domain of CCN3/NOV on proliferation and differentiation of osteogenic mesenchymal stem cells, Kusa-A1. Biochemical and Biophysical Research Communications, 2008, 368, 808-814.	2.1	41
39	Proteins on the catwalk: modelling the structural domains of the CCN family of proteins. Journal of Cell Communication and Signaling, 2009, 3, 25-41.	3.4	41
40	CCN3 and calcium signaling. Cell Communication and Signaling, 2003, 1, 1.	6.5	39
41	Spatial-temporal modulation of CCN proteins during wound healing in human skin in vivo. Journal of Cell Communication and Signaling, 2011, 5, 69-80.	3.4	36
42	Alternative splicing of CCN mRNAs â€¦ it has been upon us. Journal of Cell Communication and Signaling, 2009, 3, 153-157.	3.4	35
43	CCN3 Regulates Macrophage Foam Cell Formation and Atherosclerosis. American Journal of Pathology, 2017, 187, 1230-1237.	3.8	33
44	Prognostic relevance of CCN3 in Ewing sarcoma. Human Pathology, 2009, 40, 1479-1486.	2.0	32
45	New insight into CCN3 interactions - Nuclear CCN3 : fact or fantasy?. Cell Communication and Signaling, 2006, 4, 6.	6.5	29
46	A developmental study of novH gene expression in human central nervous system. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 1998, 321, 883-892.	0.8	26
47	Expression of CCN3 protein in human Wilmsâ€™ tumors: immunohistochemical detection of CCN3 variants using domain-specific antibodies. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 452, 33-39.	2.8	26
48	Transforming growth factor Î² controls CCN3 expression in nucleus pulposus cells of the intervertebral disc. Arthritis and Rheumatism, 2011, 63, 3022-3031.	6.7	25
49	Yin/Yang expression of CCN family members: Transforming growth factor beta 1, via ALK5/FAK/MEK, induces CCN1 and CCN2, yet suppresses CCN3, expression in human dermal fibroblasts. PLoS ONE, 2019, 14, e0218178.	2.5	25
50	Domain-specific CCN3 antibodies as unique tools for structural and functional studies. Journal of Cell Communication and Signaling, 2007, 1, 91-102.	3.4	24
51	Polycomb-Mediated Disruption of an Androgen Receptor Feedback Loop Drives Castration-Resistant Prostate Cancer. Cancer Research, 2017, 77, 412-422.	0.9	23
52	The CCN3 Protein and Cancer. Advances in Experimental Medicine and Biology, 2006, 587, 23-40.	1.6	23
53	The CCN family of proteins: a 25th anniversary picture. Journal of Cell Communication and Signaling, 2016, 10, 177-190.	3.4	22
54	The CCN3 (NOV) cell growth regulator: a new tool for molecular medicine. Expert Review of Molecular Diagnostics, 2003, 3, 597-604.	3.1	20

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55	CCN3: Doctor Jekyll and Mister Hyde. <i>Journal of Cell Communication and Signaling</i> , 2008, 2, 3-7.	3.4	19
56	Differential Expression of <i>CCN1</i> , <i>CYR61</i> , <i>CCN3/NOV</i> , <i>CCN4/WISP1</i> , and <i>CCN5/WISP2</i> in Neurofibromatosis Type 1 Tumorigenesis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 60-69.	1.7	16
57	CCN3 suppresses mitogenic signalling and reinstates growth control mechanisms in Chronic Myeloid Leukaemia. <i>Journal of Cell Communication and Signaling</i> , 2012, 6, 27-35.	3.4	16
58	NOV story: the way to CCN3. <i>Cell Communication and Signaling</i> , 2006, 4, 3.	6.5	15
59	Dynamic CCN3 expression in the murine CNS does not confer essential roles in myelination or remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18018-18028.	7.1	15
60	Integration of Myeloblastosis Associated Virus proviral sequences occurs in the vicinity of genes encoding signaling proteins and regulators of cell proliferation. <i>Cell Communication and Signaling</i> , 2006, 4, 1.	6.5	14
61	The CCN axis in cancer development and progression. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 491-517.	3.4	14
62	CCN proteins are part of a multilayer complex system: a working model. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 437-439.	3.4	10
63	CCN proteins, microenvironment, communication and signaling: why did we need a new journal?. <i>Journal of Cell Communication and Signaling</i> , 2007, 1, 1-3.	3.4	8
64	CCN3-mediated promotion of sulfated proteoglycan synthesis in rat chondrocytes from developing joint heads. <i>Journal of Cell Communication and Signaling</i> , 2011, 5, 167-171.	3.4	8
65	What kind of a life for a scientific journal?. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 201-206.	3.4	8
66	CCN3 is dynamically regulated by treatment and disease state in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 349.	7.2	8
67	Cellular communication network factor 3 in cartilage development and maintenance. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 533-543.	3.4	8
68	Neuroscience and psychological studies sustain the cognitive benefits of print reading. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 1-4.	3.4	7
69	Matricellular CCN proteins. <i>Journal of Cell Communication and Signaling</i> , 2008, 2, 57-57.	3.4	5
70	Communication is the key.. <i>Journal of Cell Communication and Signaling</i> , 2014, 8, 275-287.	3.4	4
71	Report on the 8th international workshop on the CCN family of genes “Nice November 3” 2015. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 77-86.	3.4	3
72	Editorial. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 1-2.	3.4	3

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73	Flaws in the peer-reviewing process : a critical look at a recent paper studying the role of CCN3 in renal cell carcinoma. Journal of Cell Communication and Signaling, 2012, 6, 181-184.	3.4	2
74	Editorial. Journal of Cell Communication and Signaling, 2014, 8, 1-2.	3.4	2
75	“Knock once for yes, twice for no”. Journal of Cell Communication and Signaling, 2015, 9, 15-18.	3.4	2
76	Report on the 10th international workshop on the CCN family of genes October 21-24, 2019, Niagara Falls, Canada. Journal of Cell Communication and Signaling, 2020, 14, 267-269.	3.4	2
77	JCCS editorial board: a wide array of expertise. Journal of Cell Communication and Signaling, 2020, 14, 5-17.	3.4	2
78	2021: a new turn for JCCS. Journal of Cell Communication and Signaling, 2021, 15, 1-3.	3.4	2
79	Mastering health: liberating beauty. Journal of Cell Communication and Signaling, 2021, 15, 483-490.	3.4	2
80	Ten years later”. Journal of Cell Communication and Signaling, 2009, 3, 1-3.	3.4	1
81	JCCS: A journal for translational research. Journal of Cell Communication and Signaling, 2010, 4, 113-113.	3.4	1
82	CCN3: the-pain-killer inside me. Journal of Cell Communication and Signaling, 2012, 6, 117-120.	3.4	1
83	7th international workshop on the CCN family of genes: Nice to be in nice. Journal of Cell Communication and Signaling, 2013, 7, 165-167.	3.4	1
84	Liberté, Liberté Chérie. Journal of Cell Communication and Signaling, 2015, 9, 1-4.	3.4	1
85	Editorial for Issue 1, Jan 2016 title of the editorial 2016 : A year for JCCS Editorial changes and CCN3 KO mice at ICCNS. Journal of Cell Communication and Signaling, 2016, 10, 1-2.	3.4	1
86	Once upon a time ...A special issue for the 10th anniversary of the Journal of Cell Communication and Signaling. Journal of Cell Communication and Signaling, 2018, 12, 1-2.	3.4	1
87	Report on the 9th international workshop on the CCN family of genes, November 2-7, 2017, Saint-Malo, France. Journal of Cell Communication and Signaling, 2018, 12, 505-511.	3.4	1
88	Three point six nine one. Journal of Cell Communication and Signaling, 2019, 13, 269-270.	3.4	1
89	Foreword. Journal of Cell Communication and Signaling, 2020, 14, 1-1.	3.4	1
90	The driving forces behind the impressive progression of the journal of cell communication and signaling (JCCS). Journal of Cell Communication and Signaling, 2021, 15, 475-481.	3.4	1

#	ARTICLE	IF	CITATIONS
91	ICCNS-sponsored meetings. Journal of Cell Communication and Signaling, 2011, 5, 253-254.	3.4	0
92	JCCS: a comprehensive journal for publishing all aspects of cell communication and signaling. Journal of Cell Communication and Signaling, 2013, 7, 231-233.	3.4	0
93	Focus on the patentability of computer programs. Journal of Cell Communication and Signaling, 2014, 8, 67-70.	3.4	0
94	A la PÃache aux Moules. Journal of Cell Communication and Signaling, 2016, 10, 263-265.	3.4	0
95	To flush or not to flush â€ that is a question. Journal of Cell Communication and Signaling, 2016, 10, 337-340.	3.4	0
96	Personal data and the property of self. Journal of Cell Communication and Signaling, 2019, 13, 149-149.	3.4	0
97	A Recent Breakthrough in the CCN Field: Functional Interactions Between CCN2 and CCN3 are Uncovered. , 2010, , 1-4.		0
98	Prognostic Relevance of CCN3 in Bone Sarcomas. , 2010, , 223-243.		0
99	CCN3 Promotes Melanoma Progression by Regulating Integrin Expression, Adhesion and Apoptosis Induced by Cytotoxic Drugs. , 2010, , 205-211.		0