

# Stéphane Bolduc

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,824  
citations

318942

23  
h-index

325983

40  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive overview of the available pharmacotherapy for the treatment of non-neurogenic overactive bladder in children. <i>Expert Opinion on Pharmacotherapy</i> , 2022, , 1-12.	0.9	2
2	Bladder cancer cell lines adapt their aggressiveness profile to oxygen tension. <i>Oncology Letters</i> , 2022, 24, .	0.8	0
3	Endocrine-disrupting effects of bisphenols on urological cancers. <i>Environmental Research</i> , 2021, 195, 110485.	3.7	18
4	Immunocompetent Human 3D Organ-Specific Hormone-Responding Vaginal Mucosa Model of HIV-1 Infection. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 152-166.	1.1	6
5	Reconstruction of Vascular and Urologic Tubular Grafts by Tissue Engineering. <i>Processes</i> , 2021, 9, 513.	1.3	8
6	Genitourinary Tissue Engineering: Reconstruction and Research Models. <i>Bioengineering</i> , 2021, 8, 99.	1.6	9
7	Bisphenol A Alters the Energy Metabolism of Stromal Cells and Could Promote Bladder Cancer Progression. <i>Cancers</i> , 2021, 13, 5461.	1.7	10
8	Heat-Inactivation of Fetal and Newborn Sera Did Not Impair the Expansion and Scaffold Engineering Potentials of Fibroblasts. <i>Bioengineering</i> , 2021, 8, 184.	1.6	5
9	Use of a magnetic double J stent in pediatric patients: A caseâ€“control study at two Canadian pediatric centers. <i>Journal of Pediatric Surgery</i> , 2020, 55, 486-489.	0.8	10
10	Innovative Human Three-Dimensional Tissue-Engineered Models as an Alternative to Animal Testing. <i>Bioengineering</i> , 2020, 7, 115.	1.6	72
11	Case â€“ Bilateral and recurrent pediatric cystic nephroma associated with DICER1 mutation. <i>Canadian Urological Association Journal</i> , 2020, 15, E290-E292.	0.3	0
12	A prospective, multisite study analyzing the percentage of urological cases that can be completely managed by telemedicine. <i>Canadian Urological Association Journal</i> , 2020, 14, 319-321.	0.3	11
13	Prevascularized Tissue-Engineered Human Vaginal Mucosa: In Vitro Optimization and In Vivo Validation. <i>Tissue Engineering - Part A</i> , 2020, 26, 811-822.	1.6	19
14	Conditioned medium produced by fibroblasts cultured in low oxygen pressure allows the formation of highly structured capillary-like networks in fibrin gels. <i>Scientific Reports</i> , 2020, 10, 9291.	1.6	17
15	A randomized, crossover trial comparing the efficacy and safety of fesoterodine and extended-release oxybutynin in children with overactive bladder with 12-month extension on fesoterodine: The FOXY study. <i>Canadian Urological Association Journal</i> , 2020, 14, 192-198.	0.3	7
16	Human Organ-Specific 3D Cancer Models Produced by the Stromal Self-Assembly Method of Tissue Engineering for the Study of Solid Tumors. <i>BioMed Research International</i> , 2020, 2020, 1-23.	0.9	28
17	How far are they coming from?. <i>Canadian Urological Association Journal</i> , 2019, 13, 391-394.	0.3	2
18	Biological Assessment of Znâ€“Based Absorbable Metals for Ureteral Stent Applications. <i>Materials</i> , 2019, 12, 3325.	1.3	12

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19	Collagen hollow structure for bladder tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 102, 228-237.	3.8	9
20	Cancer-associated fibroblasts induce epithelial-mesenchymal transition of bladder cancer cells through paracrine IL-6 signalling. <i>BMC Cancer</i> , 2019, 19, 137.	1.1	190
21	Confirmed testicular mass on ultrasound: no evidence on histology Report of two cases in teenagers. <i>Canadian Urological Association Journal</i> , 2019, 14, E101-E103.	0.3	0
22	Exosomes Induce Fibroblast Differentiation into Cancer-Associated Fibroblasts through TGF $\beta$ 2 Signaling. <i>Molecular Cancer Research</i> , 2018, 16, 1196-1204.	1.5	200
23	Engineering Tissues without the Use of a Synthetic Scaffold: A Twenty-Year History of the Self-Assembly Method. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	22
24	Inexpensive production of near-native engineered stromas. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1377-1389.	1.3	27
25	Urothelial cell expansion and differentiation are improved by exposure to hypoxia. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3090-3099.	1.3	16
26	Long-Term Safety and Efficacy of Solifenacin in Children and Adolescents with Overactive Bladder. <i>Journal of Urology</i> , 2017, 198, 928-936.	0.2	17
27	Dual Therapy for Refractory Overactive Bladder in Children: A Prospective Open-Label Study. <i>Journal of Urology</i> , 2017, 197, 1158-1163.	0.2	39
28	Tissue-engineered human 3D model of bladder cancer for invasion study and drug discovery. <i>Biomaterials</i> , 2017, 145, 233-241.	5.7	47
29	Novel three-dimensional autologous tissue-engineered vaginal tissues using the self-assembly technique. <i>Translational Research</i> , 2017, 180, 22-36.	2.2	19
30	Adherence to antimuscarinics in children with overactive bladder. <i>Paediatrics and Child Health</i> , 2017, 22, 255-258.	0.3	8
31	Vesicoureteral reflux: From prophylaxis to surgery. <i>Canadian Urological Association Journal</i> , 2017, 11, 13.	0.3	19
32	Dimercaptosuccinic acid scintigraphy vs. ultrasound for renal parenchymal defects in children. <i>Canadian Urological Association Journal</i> , 2017, 11, 260-4.	0.3	10
33	Overactive bladder in children. <i>Canadian Urological Association Journal</i> , 2017, 11, 74.	0.3	28
34	Origin of Serum Affects Quality of Engineered Tissues Produced by the Self-Assembly Approach. <i>Scientifica</i> , 2016, 2016, 1-10.	0.6	4
35	Prospective Pilot Study of Mirabegron in Pediatric Patients with Overactive Bladder. <i>European Urology</i> , 2016, 70, 9-13.	0.9	78
36	Clinical challenges in tissue-engineered urethral reconstruction. <i>Translational Andrology and Urology</i> , 2016, 5, 267-270.	0.6	8

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37	Lysophosphatidic acid enhances collagen deposition and matrix thickening in engineered tissue. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, E65-E75.	1.3	21
38	Optimization of the current self-assembled urinary bladder model: Organ-specific stroma and smooth muscle inclusion. <i>Canadian Urological Association Journal</i> , 2015, 9, 599.	0.3	7
39	Demonstration of the direct impact of ketamine on urothelium using a tissue engineered bladder model. <i>Canadian Urological Association Journal</i> , 2015, 9, 613.	0.3	16
40	Maintenance of bladder urothelia integrity and successful urothelialization of various tissue-engineered mesenchymes in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 922-931.	0.7	1
41	Adipose-derived stromal cells for the reconstruction of a human vesical equivalent. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, E135-E143.	1.3	28
42	Anticancer properties of chitosan on human melanoma are cell line dependent. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 370-379.	3.6	84
43	Efficacy of dextranomer hyaluronic acid and polyacrylamide hydrogel in endoscopic treatment of vesicoureteral reflux: A comparative study. <i>Canadian Urological Association Journal</i> , 2015, 9, 202.	0.3	8
44	Double anticholinergic therapy for refractory neurogenic and non-neurogenic detrusor overactivity in children: Long-term results of a prospective open-label study. <i>Canadian Urological Association Journal</i> , 2014, 8, 175.	0.3	18
45	Intrascrotal extratesticular schwannoma: A first pediatric case. <i>Canadian Urological Association Journal</i> , 2014, 8, 279.	0.3	7
46	Long-term use of solifenacin in pediatric patients with overactive bladder: Extension of a prospective open-label study. <i>Canadian Urological Association Journal</i> , 2014, 8, 118.	0.3	33
47	Prospective Study of Polydimethylsiloxane vs Dextranomer/Hyaluronic Acid Injection for Treatment of Vesicoureteral Reflux. <i>Journal of Urology</i> , 2014, 192, 1794-1800.	0.2	19
48	Strategies to Reconstruct a Functional Urethral Substitute by Self-assembly Method. <i>Procedia Engineering</i> , 2013, 59, 193-200.	1.2	4
49	Early detection of prostate cancer local recurrence by urinary prostate-specific antigen. <i>Canadian Urological Association Journal</i> , 2013, 3, 213.	0.3	5
50	Learning curve for TIP urethroplasty: A single-surgeon experience. <i>Canadian Urological Association Journal</i> , 2013, 7, 789.	0.3	19
51	Tissue Engineering of Urinary Bladder and Urethra: Advances from Bench to Patients. <i>Scientific World Journal</i> , The, 2013, 2013, 1-13.	0.8	87
52	Urinary PSA: a potential useful marker when serum PSA is between 2.5 ng/mL and 10 ng/mL. <i>Canadian Urological Association Journal</i> , 2013, 1, 377.	0.3	55
53	An endothelialized urothelial cell-seeded tubular graft for urethral replacement. <i>Canadian Urological Association Journal</i> , 2013, 7, 4.	0.3	32
54	Factors predicting overall success: a review of 747 microsurgical vasovasostomies. <i>Canadian Urological Association Journal</i> , 2013, 1, 388.	0.3	38

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55	An endothelialized urothelial cell-seeded tubular graft for urethral replacement. Canadian Urological Association Journal, 2013, 7, E4-9.	0.3	14
56	Bladder substitute reconstructed in a physiological pressure environment. Journal of Pediatric Urology, 2011, 7, 276-282.	0.6	30
57	Mechanical Stimuli-induced Urothelial Differentiation in a Human Tissue-engineered Tubular Genitourinary Graft. European Urology, 2011, 60, 1291-1298.	0.9	56
58	Production of an Optimized Tissue-Engineered Pig Connective Tissue for the Reconstruction of the Urinary Tract. Tissue Engineering - Part A, 2011, 17, 1625-1633.	1.6	13
59	<i>In Vitro</i> Reconstruction of an Autologous, Watertight, and Resistant Vesical Equivalent. Tissue Engineering - Part A, 2010, 16, 1539-1548.	1.6	57
60	Prospective Open Label Study of Solifenacin for Overactive Bladder in Children. Journal of Urology, 2010, 184, 1668-1673.	0.2	55
61	Tissue Engineering of a Genitourinary Tubular Tissue Graft Resistant to Suturing and High Internal Pressures. Tissue Engineering - Part A, 2009, 15, 197-202.	1.6	46
62	Double Anticholinergic Therapy for Refractory Overactive Bladder. Journal of Urology, 2009, 182, 2033-2039.	0.2	47
63	In vitro reconstruction of a tissue-engineered endothelialized bladder from a single porcine biopsy. Journal of Pediatric Urology, 2006, 2, 261-270.	0.6	47