# StÃ©phane Bolduc

List of Publications by Year
in descending order



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|---|---|---|---|
| 63 papers | 1,824 citations | 279701 23 h-index | 289141 40 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 1952 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Exosomes Induce Fibroblast Differentiation into Cancer-Associated Fibroblasts through TGFÎ² Signaling. Molecular Cancer Research, 2018, 16, 1196-1204. | 1.5 | 200 |
| 2 | Cancer-associated fibroblasts induce epithelialâ€“mesenchymal transition of bladder cancer cells through paracrine IL-6 signalling. BMC Cancer, 2019, 19, 137. | 1.1 | 190 |
| 3 | Tissue Engineering of Urinary Bladder and Urethra: Advances from Bench to Patients. Scientific World Journal, The, 2013, 2013, 1-13. | 0.8 | 87 |
| 4 | Anticancer properties of chitosan on human melanoma are cell line dependent. International Journal of Biological Macromolecules, 2015, 72, 370-379. | 3.6 | 84 |
| 5 | Prospective Pilot Study of Mirabegron in Pediatric Patients with Overactive Bladder. European Urology, 2016, 70, 9-13. | 0.9 | 78 |
| 6 | Innovative Human Three-Dimensional Tissue-Engineered Models as an Alternative to Animal Testing. Bioengineering, 2020, 7, 115. | 1.6 | 72 |
| 7 | In Vitro Reconstruction of an Autologous, Watertight, and Resistant Vesical Equivalent. Tissue Engineering - Part A, 2010, 16, 1539-1548. | 1.6 | 57 |
| 8 | Mechanical Stimuli-induced Urothelial Differentiation in a Human Tissue-engineered Tubular Genitourinary Graft. European Urology, 2011, 60, 1291-1298. | 0.9 | 56 |
| 9 | Prospective Open Label Study of Solifenacin for Overactive Bladder in Children. Journal of Urology, 2010, 184, 1668-1673. | 0.2 | 55 |
| 10 | Urinary PSA: a potential useful marker when serum PSA is between 2.5 ng/mL and 10 ng/mL. Canadian Urological Association Journal, 2013, 1, 377. | 0.3 | 55 |
| 11 | 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 |
| 12 | Double Anticholinergic Therapy for Refractory Overactive Bladder. Journal of Urology, 2009, 182, 2033-2039. | 0.2 | 47 |
| 13 | Tissue-engineered human 3D model of bladder cancer for invasion study and drug discovery. Biomaterials, 2017, 145, 233-241. | 5.7 | 47 |
| 14 | 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 |
| 15 | Dual Therapy for Refractory Overactive Bladder in Children: AÂProspective Open-Label Study. Journal of Urology, 2017, 197, 1158-1163. | 0.2 | 39 |
| 16 | Factors predicting overall success: a review of 747 microsurgical vasovasostomies. Canadian Urological Association Journal, 2013, 1, 388. | 0.3 | 38 |
| 17 | Long-term use of solifenacin in pediatric patients with overactive bladder: Extension of a prospective open-label study. Canadian Urological Association Journal, 2014, 8, 118. | 0.3 | 33 |
| 18 | An endothelialized urothelial cell-seeded tubular graft for urethral replacement. Canadian Urological Association Journal, 2013, 7, 4. | 0.3 | 32 |

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|---|---|---|---|
| 19 | Bladder substitute reconstructed in a physiological pressure environment. Journal of Pediatric Urology, 2011, 7, 276-282. | 0.6 | 30 |
| 20 | Adipose-derived stromal cells for the reconstruction of a human vesical equivalent. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, E135-E143. | 1.3 | 28 |
| 21 | Overactive bladder in children. Canadian Urological Association Journal, 2017, 11, 74. | 0.3 | 28 |
| 22 | Human Organ-Specific 3D Cancer Models Produced by the Stromal Self-Assembly Method of Tissue Engineering for the Study of Solid Tumors. BioMed Research International, 2020, 2020, 1-23. | 0.9 | 28 |
| 23 | Inexpensive production of near-native engineered stromas. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1377-1389. | 1.3 | 27 |
| 24 | Engineering Tissues without the Use of a Synthetic Scaffold: A Twenty-Year History of the Self-Assembly Method. BioMed Research International, 2018, 2018, 1-13. | 0.9 | 22 |
| 25 | Lysophosphatidic acid enhances collagen deposition and matrix thickening in engineered tissue. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, E65-E75. | 1.3 | 21 |
| 26 | Learning curve for TIP urethroplasty: A single-surgeon experience. Canadian Urological Association Journal, 2013, 7, 789. | 0.3 | 19 |
| 27 | Prospective Study of Polydimethylsiloxane vs Dextranomer/Hyaluronic Acid Injection for Treatment of Vesicoureteral Reflux. Journal of Urology, 2014, 192, 1794-1800. | 0.2 | 19 |
| 28 | Novel three-dimensional autologous tissue-engineered vaginal tissues using the self-assembly technique. Translational Research, 2017, 180, 22-36. | 2.2 | 19 |
| 29 | Vesicoureteral reflux: From prophylaxis to surgery. Canadian Urological Association Journal, 2017, 11, 13. | 0.3 | 19 |
| 30 | Prevascularized Tissue-Engineered Human Vaginal Mucosa: In Vitro Optimization and In Vivo Validation. Tissue Engineering - Part A, 2020, 26, 811-822. | 1.6 | 19 |
| 31 | Double anticholinergic therapy for refractory neurogenic and non-neurogenic detrusor overactivity in children: Long-term results of a prospective open-label study. Canadian Urological Association Journal, 2014, 8, 175. | 0.3 | 18 |
| 32 | Endocrine-disrupting effects of bisphenols on urological cancers. Environmental Research, 2021, 195, 110485. | 3.7 | 18 |
| 33 | Long-Term Safety and Efficacy of Solifenacin in Children and Adolescents with Overactive Bladder. Journal of Urology, 2017, 198, 928-936. | 0.2 | 17 |
| 34 | Conditioned medium produced by fibroblasts cultured in low oxygen pressure allows the formation of highly structured capillary-like networks in fibrin gels. Scientific Reports, 2020, 10, 9291. | 1.6 | 17 |
| 35 | Demonstration of the direct impact of ketamine on urothelium using a tissue engineered bladder model. Canadian Urological Association Journal, 2015, 9, 613. | 0.3 | 16 |
| 36 | Urothelial cell expansion and differentiation are improved by exposure to hypoxia. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3090-3099. | 1.3 | 16 |

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|---|---|---|---|
| 37 | An endothelialized urothelial cell-seeded tubular graft for urethral replacement. Canadian Urological Association Journal, 2013, 7, E4-9. | 0.3 | 14 |
| 38 | 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 |
| 39 | Biological Assessment of Znâ€“Based Absorbable Metals for Ureteral Stent Applications. Materials, 2019, 12, 3325. | 1.3 | 12 |
| 40 | A prospective, multisite study analyzing the percentage of urological cases that can be completely managed by telemedicine. Canadian Urological Association Journal, 2020, 14, 319-321. | 0.3 | 11 |
| 41 | Dimercaptosuccinic acid scintigraphy vs. ultrasound for renal parenchymal defects in children. Canadian Urological Association Journal, 2017, 11, 260-4. | 0.3 | 10 |
| 42 | Use of a magnetic double J stent in pediatric patients: A caseâ€“control study at two Canadian pediatric centers. Journal of Pediatric Surgery, 2020, 55, 486-489. | 0.8 | 10 |
| 43 | Bisphenol A Alters the Energy Metabolism of Stromal Cells and Could Promote Bladder Cancer Progression. Cancers, 2021, 13, 5461. | 1.7 | 10 |
| 44 | Collagen hollow structure for bladder tissue engineering. Materials Science and Engineering C, 2019, 102, 228-237. | 3.8 | 9 |
| 45 | Genitourinary Tissue Engineering: Reconstruction and Research Models. Bioengineering, 2021, 8, 99. | 1.6 | 9 |
| 46 | Adherence to antimuscarinics in children with overactive bladder. Paediatrics and Child Health, 2017, 22, 255-258. | 0.3 | 8 |
| 47 | Reconstruction of Vascular and Urologic Tubular Grafts by Tissue Engineering. Processes, 2021, 9, 513. | 1.3 | 8 |
| 48 | Clinical challenges in tissue-engineered urethral reconstruction. Translational Andrology and Urology, 2016, 5, 267-270. | 0.6 | 8 |
| 49 | Efficacy of dextranomer hyaluronic acid and polyacrylamide hydrogel in endoscopic treatment of vesicoureteral reflux: A comparative study. Canadian Urological Association Journal, 2015, 9, 202. | 0.3 | 8 |
| 50 | Intrascrotal extratesticular schwannoma: A first pediatric case. Canadian Urological Association Journal, 2014, 8, 279. | 0.3 | 7 |
| 51 | Optimization of the current self-assembled urinary bladder model: Organ-specific stroma and smooth muscle inclusion. Canadian Urological Association Journal, 2015, 9, 599. | 0.3 | 7 |
| 52 | 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. Canadian Urological Association Journal, 2020, 14, 192-198. | 0.3 | 7 |
| 53 | Immunocompetent Human 3D Organ-Specific Hormone-Responding Vaginal Mucosa Model of HIV-1 Infection. Tissue Engineering - Part C: Methods, 2021, 27, 152-166. | 1.1 | 6 |
| 54 | Early detection of prostate cancer local recurrence by urinary prostate-specific antigen. Canadian Urological Association Journal, 2013, 3, 213. | 0.3 | 5 |

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|---|---|---|---|
| 55 | Heat-Inactivation of Fetal and Newborn Sera Did Not Impair the Expansion and Scaffold Engineering Potentials of Fibroblasts. Bioengineering, 2021, 8, 184. | 1.6 | 5 |
| 56 | Strategies to Reconstruct a Functional Urethral Substitute by Self-assembly Method. Procedia Engineering, 2013, 59, 193-200. | 1.2 | 4 |
| 57 | Origin of Serum Affects Quality of Engineered Tissues Produced by the Self-Assembly Approach. Scientifica, 2016, 2016, 1-10. | 0.6 | 4 |
| 58 | How far are they coming from?. Canadian Urological Association Journal, 2019, 13, 391-394. | 0.3 | 2 |
| 59 | Comprehensive overview of the available pharmacotherapy for the treatment of non-neurogenic overactive bladder in children. Expert Opinion on Pharmacotherapy, 2022, , 1-12. | 0.9 | 2 |
| 60 | Maintenance of bladder urothelia integrity and successful urothelialization of various tissue-engineered mesenchymes in vitro. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 922-931. | 0.7 | 1 |
| 61 | Confirmed testicular mass on ultrasound: no evidence on histology Report of two cases in teenagers. Canadian Urological Association Journal, 2019, 14, E101-E103. | 0.3 | 0 |
| 62 | Case â€“ Bilateral and recurrent pediatric cystic nephroma associated with DICER1 mutation. Canadian Urological Association Journal, 2020, 15, E290-E292. | 0.3 | 0 |
| 63 | Bladder cancer cell lines adapt their aggressiveness profile to oxygen tension. Oncology Letters, 2022, 24, . | 0.8 | 0 |