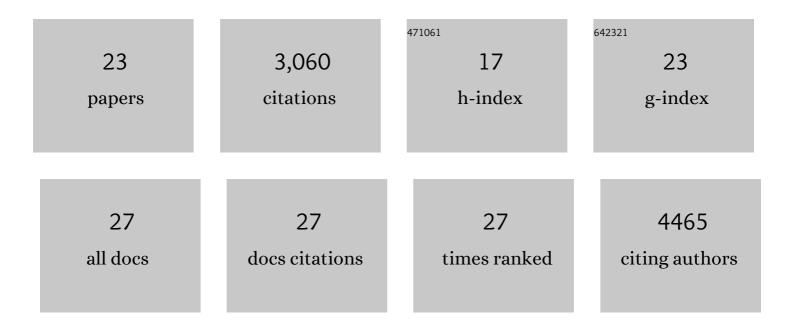
Jason P Rolland

List of Publications by Year in descending order

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IASON P POLLAND

#	Article	IF	CITATIONS
1	"Paper Machine―for Molecular Diagnostics. Analytical Chemistry, 2015, 87, 7595-7601.	3.2	260
2	From the Bench to the Field in Low ost Diagnostics: Two Case Studies. Angewandte Chemie - International Edition, 2015, 54, 5836-5853.	7.2	141
3	A device architecture for three-dimensional, patterned paper immunoassays. Lab on A Chip, 2014, 14, 4653-4658.	3.1	72
4	A Point-of-Care Paper-based Fingerstick Transaminase Test: Toward Low-cost "Lab-on-a-Chip― Technology for the Developing World. Clinical Gastroenterology and Hepatology, 2013, 11, 478-482.	2.4	18
5	Paper as a novel material platform for devices. MRS Bulletin, 2013, 38, 299-305.	1.7	62
6	Field Evaluation of a Prototype Paper-Based Point-of-Care Fingerstick Transaminase Test. PLoS ONE, 2013, 8, e75616.	1.1	40
7	A Paper-Based Multiplexed Transaminase Test for Low-Cost, Point-of-Care Liver Function Testing. Science Translational Medicine, 2012, 4, 152ra129.	5.8	277
8	Reductively Responsive siRNA-Conjugated Hydrogel Nanoparticles for Gene Silencing. Journal of the American Chemical Society, 2012, 134, 7423-7430.	6.6	150
9	Micromolding for the Fabrication of Biological Microarrays. Methods in Molecular Biology, 2011, 671, 249-260.	0.4	5
10	Scalable, Shape-Specific, Top-Down Fabrication Methods for the Synthesis of Engineered Colloidal Particles. Langmuir, 2010, 26, 13086-13096.	1.6	202
11	Ultrathin Cross-Linked Perfluoropolyether Film Coatings from Liquid CO2 and Subsequent UV Curing. Chemistry of Materials, 2010, 22, 2411-2413.	3.2	16
12	Monolithic photolithographically patterned Fluorocurâ"¢ PFPE membrane valves and pumps for in situ planetary exploration. Lab on A Chip, 2008, 8, 1024.	3.1	25
13	Supramolecular Nanomimetics: Replication of Micelles, Viruses, and Other Naturally Occurring Nanoscale Objects. Small, 2007, 3, 845-849.	5.2	53
14	Contact Angle Analysis, Surface Dynamics, and Biofouling Characteristics of Cross-Linkable, Random Perfluoropolyether-Based Graft Terpolymers. Macromolecules, 2006, 39, 2521-2528.	2.2	138
15	Monodisperse nanocarriers: novel fabrication of polymeric nanoparticles for bio-nanotechnology. , 2006, , .		1
16	High-performance imprint lithography and novel metrology methods using multifunctional perfluoropolyethers. , 2006, , .		4
17	Perfluoropolyethers as novel materials for soft lithography. , 2005, , .		0
18	Fabrication of Ultramicroelectrodes Using A "Teflon-like―Coating Material. Analytical Chemistry, 2005, 77, 3013-3017.	3.2	32

#	Article	IF	CITATIONS
19	Direct Fabrication and Harvesting of Monodisperse, Shape-Specific Nanobiomaterials. Journal of the American Chemical Society, 2005, 127, 10096-10100.	6.6	814
20	Solvent-Resistant Photocurable "Liquid Teflon―for Microfluidic Device Fabrication. Journal of the American Chemical Society, 2004, 126, 2322-2323.	6.6	426
21	High-Resolution Soft Lithography: Enabling Materials for Nanotechnologies. Angewandte Chemie - International Edition, 2004, 43, 5796-5799.	7.2	261

22 Cover Picture: High-Resolution Soft Lithography: Enabling Materials for Nanotechnologies (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5

New fluoropolymer materials. Journal of Fluorine Chemistry, 2004, 125, 1671-1676. 0.9 12
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