

Bernard Gauthier-Manuel

List of Publications by Year in descending order

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13
papers

372
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic chips for the crystallization of biomacromolecules by counter-diffusion and on-chip crystal X-ray analysis. <i>Lab on A Chip</i> , 2009, 9, 1412.	6.0	102
2	Covalent bond force profile and cleavage in a single polymer chain. <i>Journal of Chemical Physics</i> , 2000, 113, 2497-2503.	3.0	53
3	Development of porous silicon-based miniature fuel cells. <i>Journal of Micromechanics and Microengineering</i> , 2005, 15, S179-S184.	2.6	45
4	Recent developments in MEMS-based miniature fuel cells. <i>Microsystem Technologies</i> , 2007, 13, 1671-1678.	2.0	34
5	A new process for the manufacturing of reproducible mesoporous silicon membranes. <i>Journal of Membrane Science</i> , 2006, 280, 494-500.	8.2	29
6	Adsorption-desorption of serum albumin on bare mica surfaces. <i>Colloids and Surfaces</i> , 1992, 68, 189-193.	0.9	27
7	Mesoporous silicon-based miniature fuel cells for nomadic and chip-scale systems. <i>Microsystem Technologies</i> , 2006, 12, 330-334.	2.0	18
8	Roll manufacturing of flexible microfluidic devices in thin PMMA and COC foils by embossing and lamination. <i>Microsystem Technologies</i> , 2012, 18, 199-207.	2.0	18
9	Use of solid electrolytic erosion for generating nano-aperture near-field collectors. <i>Applied Physics Letters</i> , 1997, 71, 437-439.	3.3	16
10	High performance miniature glucose/O ₂ fuel cell based on porous silicon anion exchange membrane. <i>Electrochemistry Communications</i> , 2015, 54, 10-13.	4.7	15
11	Formation of Langmuir Layers and Surface Modification Using New Upper-Rim Fully Tethered Bipyridinyl or Bithiazolyl Cyclodextrins and Their Fluorescent Metal Complexes. <i>Langmuir</i> , 2004, 20, 5338-5346.	3.5	9
12	SIMS as a subnanometer probe: A new tool for chemical profile analysis of grafted molecules. <i>Applied Surface Science</i> , 2007, 253, 6140-6143.	6.1	6
13	Transition de phase dans les ammoniacates de perchlorate de lithium. <i>Materials Research Bulletin</i> , 1991, 26, 535-544.	5.2	0