

Frank Benesch

List of Publications by Year in descending order

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13
papers

904
citations

1307594

7
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional muscle regeneration with combined delivery of angiogenesis and myogenesis factors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3287-3292.	7.1	374
2	Automated drug screening with contractile muscle tissue engineered from dystrophic myoblasts. FASEB Journal, 2009, 23, 3325-3334.	0.5	104
3	T.P.4.04 Automated drug screening with contractile muscle tissue engineered from dystrophic myoblasts. Neuromuscular Disorders, 2009, 19, 614.	0.6	1
4	Drug screening platform based on the contractility of tissue engineered muscle. Muscle and Nerve, 2008, 37, 438-447.	2.2	279
5	Ultrafast x-ray pulses emitted from a liquid mercury laser target. Optics Letters, 2007, 32, 427.	3.3	31
6	Ultrafast XAFS of transition metal complexes. Springer Series in Chemical Physics, 2007, , 719-721.	0.2	0
7	Ultrafast XAFS of transition metal complexes. , 2006, , .		0
8	Ultrafast laser-pump x-ray probe measurements of solvated transition metal complexes. , 2006, , 23-32.		1
9	Ultrafast tabletop laser-pump x-ray probe measurement of solvated $\text{Fe}(\text{CN})_6^{4-}$. Journal of Chemical Physics, 2005, 122, 084506.	3.0	56
10	Structure of solvated $\text{Fe}(\text{CO})_5$: XANES and EXAFS measurements using ultrafast laser plasma and conventional X-ray sources. Chemical Physics, 2004, 299, 233-245.	1.9	21
11	Ultrafast laser-driven x-ray spectrometer for x-ray absorption spectroscopy of transition metal complexes. Optics Letters, 2004, 29, 1028.	3.3	28
12	Ultrafast tabletop x-ray sources and their application to XAFS measurements of transition metal coordination complexes. , 2004, , .		2
13	Ultrafast laboratory-based x-ray sources and their applications in chemical research. , 2003, , .		7