

# Boris Rubinov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10893931/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Self-Replicating Amphiphilic $\beta$ -Sheet Peptides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6683-6686.	13.8	137
2	Transient Fibril Structures Facilitating Nonenzymatic Self-Replication. <i>ACS Nano</i> , 2012, 6, 7893-7901.	14.6	79
3	Emergence of native peptide sequences in prebiotic replication networks. <i>Nature Communications</i> , 2017, 8, 434.	12.8	51
4	Introducing charge transfer functionality into prebiotically relevant $\beta$ -sheet peptide fibrils. <i>Chemical Communications</i> , 2014, 50, 6733.	4.1	35
5	Effects of mutations in de novo designed synthetic amphiphilic $\beta$ -sheet peptides on self-assembly of fibrils. <i>Chemical Communications</i> , 2013, 49, 6561.	4.1	29
6	Self-assembly and Self-replication of Short Amphiphilic $\beta$ -sheet Peptides. <i>Origins of Life and Evolution of Biospheres</i> , 2011, 41, 563-567.	1.9	20
7	$\beta$ -Sheet-Induced Chirogenesis in Polymerization of Oligopeptides. <i>ChemPhysChem</i> , 2011, 12, 2771-2780.	2.1	16